

**Considerations  
for determining  
local health  
and care  
economies**

December 2015



# Context

- The NHS planning guidance, *Delivering the Forward View: NHS planning guidance 2016/17 to 2020/21* asks every health and care system to produce its own sustainability and transformation plan (STP) for October 2016 to March 2021.
- One of the first steps in this process will be for local health and care systems to agree their transformation footprint – the geographic scope of their STP – by 29 January 2016.

- **This document is not part of the planning guidance.**

- Monitor has prepared geographical maps and resources that may help discussions between clinical commissioning groups (CCGs), providers (NHS trusts and foundation trusts), local authorities, other key partners and arms' length bodies (ALBs) determine their planning footprints. These resources are based on Monitor's research into local health and care systems, but are not prescriptive. It is up to local health and care systems to determine their planning footprints.

- The accompanying [Excel spreadsheet](#) provides a table that maps the administrative boundaries of:

- NHS commissioning regions
- specialised commissioning hubs
- clinical senates
- NHS England strategic clinical networks
- NHS England sub regional teams
- local education and training boards
- old NHS England area teams
- Monitor research into local areas
- commissioner units of planning
- health and wellbeing boards
- system resilience groups
- local authorities (London borough, metropolitan, unitary and upper tier county only)
- CCGs

- This document sets out Monitor's research on the following questions:

- What is a health and care economy/system?

- Which organisations should be part of a local health and care economy/system?

- Can health and care economies/systems be defined based on patient or funding flows?

- What factors should be considered when discussing health and care economy/system planning?

# What is a health and care economy/system?

- There are multiple levels of health and care economies (or systems) in England. Our research distinguishes between national/regional, major, local and micro health and care economies, based on the services covered. Figure 1 illustrates the possible size and number of health and care economies in England.
- Strategic planning and transformational change is likely to require working arrangements at several different levels. Planning footprints should be large enough to enable the strategic planning decisions needed by 2020/21 to deliver sustainable health and care services, as outlined in the Forward View.
- **This suggests local agreement is required to determine the level, shape and size of planning footprints.**
- The accompanying [Excel](#) spreadsheet provides a table that maps different administrative boundaries to each other.

**Figure 1: Health and care economy levels/shapes and sizes**

Level	Services covered	Examples	Population range (Avg)	Number of units
<b>'National'</b> <b>'Regional'</b>	✓ All national services	<input type="checkbox"/> England	<input type="checkbox"/> 53.9m	<input type="checkbox"/> 1
		<input type="checkbox"/> NHSE commissioning region (x 4 – North, South, Midlands & East, London)	<input type="checkbox"/> 8.4 – 16.3m (13.5m)	<input type="checkbox"/> 4
<b>'Major'</b>	✓ Tertiary and Specialist services + all below	<input type="checkbox"/> Specialised commissioning hubs (SCH) (x10)	<input type="checkbox"/> 3.7 – 8.4m (5.4m)	<input type="checkbox"/> 10
		<input type="checkbox"/> NHSE clinical senates (x12)	<input type="checkbox"/> 2.1 – 8.4m (4.5m)	<input type="checkbox"/> 12
		<input type="checkbox"/> NHSE strategic clinical networks (x12)	<input type="checkbox"/> 2.1 – 8.4m (4.5m)	<input type="checkbox"/> 12
		<input type="checkbox"/> NHSE sub regional teams led by directors of commissioning (DCOs) (x 13)	<input type="checkbox"/> 2.4 – 8.4m (4.1m)	<input type="checkbox"/> 13
		<input type="checkbox"/> Local education and training boards (LETBs) (x13)	<input type="checkbox"/> 2.0 – 6.6m (4.1m)	<input type="checkbox"/> 13
<b>'Local'</b>	✓ Secondary acute ✓ Major emergency ✓ Mental health ✓ Community ✓ Social services	<input type="checkbox"/> Old - NHSE local area teams (x27)	<input type="checkbox"/> 1.2 – 3.2m (2.0m)	<input type="checkbox"/> 27
		<input type="checkbox"/> Local areas (groups of providers and CCGs determined by our research and analysis, includes success regime sites) (x 37)	<input type="checkbox"/> 0.6 – 2.7m (1.5m)	<input type="checkbox"/> 37
		<input type="checkbox"/> Commissioner units of planning (locally determined 2014/15 – 2018/19 strategic plans) (x 122)	<input type="checkbox"/> 0.1 – 2.0m (0.4m)	<input type="checkbox"/> 122
<b>'Micro'</b>	✓ A secondary care provider ✓ Primary care ✓ Some (but not all) local providers	<input type="checkbox"/> Health and well being Boards (x133)	<input type="checkbox"/> 0.1 – 1.6m (0.4m)	<input type="checkbox"/> 133
		<input type="checkbox"/> System resilience groups (x 144)	<input type="checkbox"/> 0.1 – 1.1m (0.4m)	<input type="checkbox"/> 144
		<input type="checkbox"/> Local authorities <sup>1</sup> (x150)	<input type="checkbox"/> 0.1 – 1.5m (0.4m)	<input type="checkbox"/> 150
		<input type="checkbox"/> CCGs (x209)	<input type="checkbox"/> 0.1 – 0.9m (0.3m)	<input type="checkbox"/> 209
		<input type="checkbox"/> Providers (x247)		<input type="checkbox"/> 247

Source: Monitor analysis of Office for National Statistics 2013 population data and administrative boundaries – see link to other resources in Appendix 2. <sup>1</sup> London Borough, Metropolitan, Unitary and Upper tier County only

# Which organisations should be part of a local health and care economy/system?

- There are many actors in a local health and care economy, as illustrated by Figure 2.
- The key actors could include:
  - acute, mental health, community, ambulance, specialist, independent and social enterprise providers
  - CCGs, NHS England specialised commissioning
  - local government authorities
  - local health and wellbeing boards, Local Healthwatch
- Local health and care economies can cover separate or overlapping geographical areas, depending on how they are defined. However, for planning purposes and to allow comparisons between different local health and care economies, it is helpful to define them using discrete geographical areas aligned to existing administrative boundaries.
- Using this approach, most providers are likely to be included in only one local health and care economy. However providers that provide services across relatively large geographies may need to be included in more than one. For example:
  - most ambulance and specialist providers
  - some mental health and community provider.
- CCGs are likely to be directly involved in one local health and care economy, while specialised commissioners are more likely to feature in multiple local health and care economies.

**Figure 2. Local health and care economy actors**



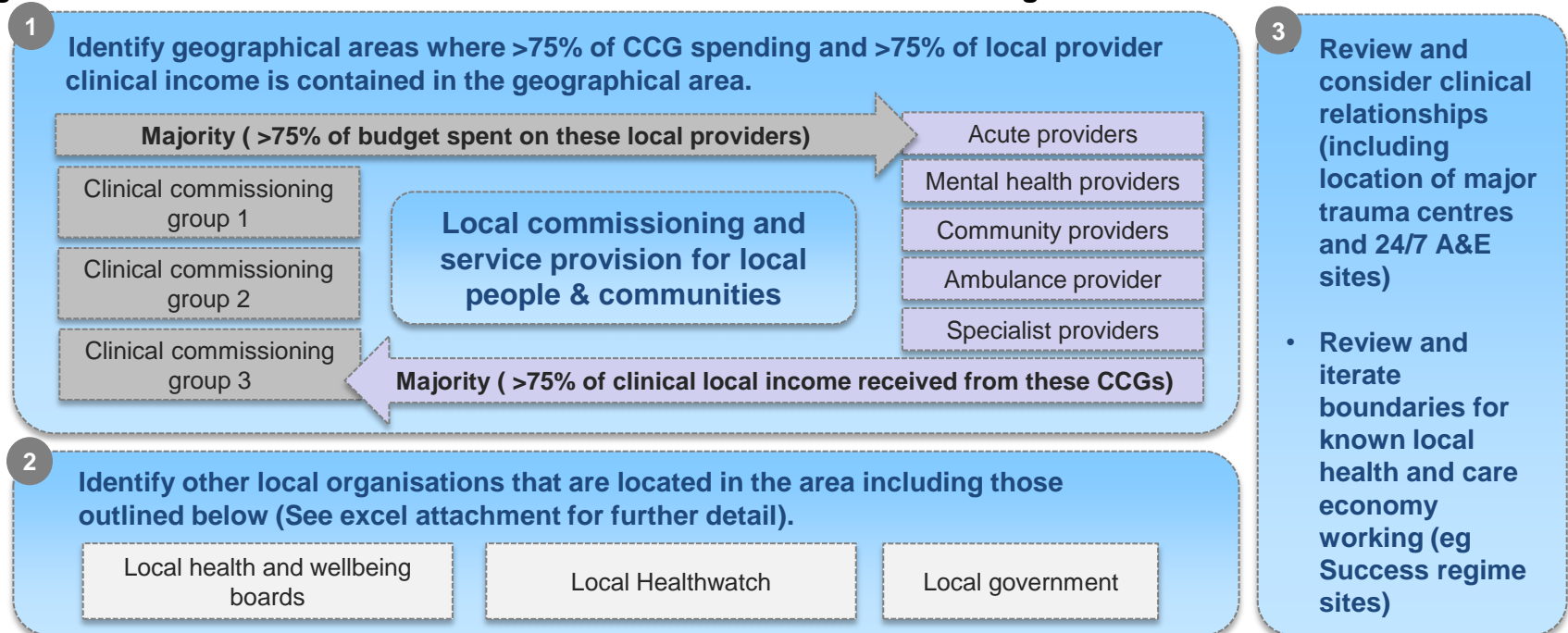
Source: Monitor adaptation of "Guide to the healthcare system in England" (May 2013)

[www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/194002/9421-2900878-TSO-NHS\\_Guide\\_to\\_Healthcare\\_WEB.PDF](http://www.gov.uk/government/uploads/system/uploads/attachment_data/file/194002/9421-2900878-TSO-NHS_Guide_to_Healthcare_WEB.PDF)

# Can health and care economies/systems be defined based on patient or funding flows? (1/2)

- **Local health and care economies should be defined locally when they are used for planning or transformation.**
- Several factors should be taken into account, including the natural communities in a local area, existing working relationships, patient flows, the scale needed to deliver services, existing or planned transformation and public health programmes, local digital roadmaps and learning disability units of planning.
- Monitor has developed an approach to identifying local health and care economies based on funding flows in existing administrative boundaries. It comprises three steps as shown in Figure 3.

**Figure 3. Identification of local health and care economies based on funding flows and administrative boundaries**

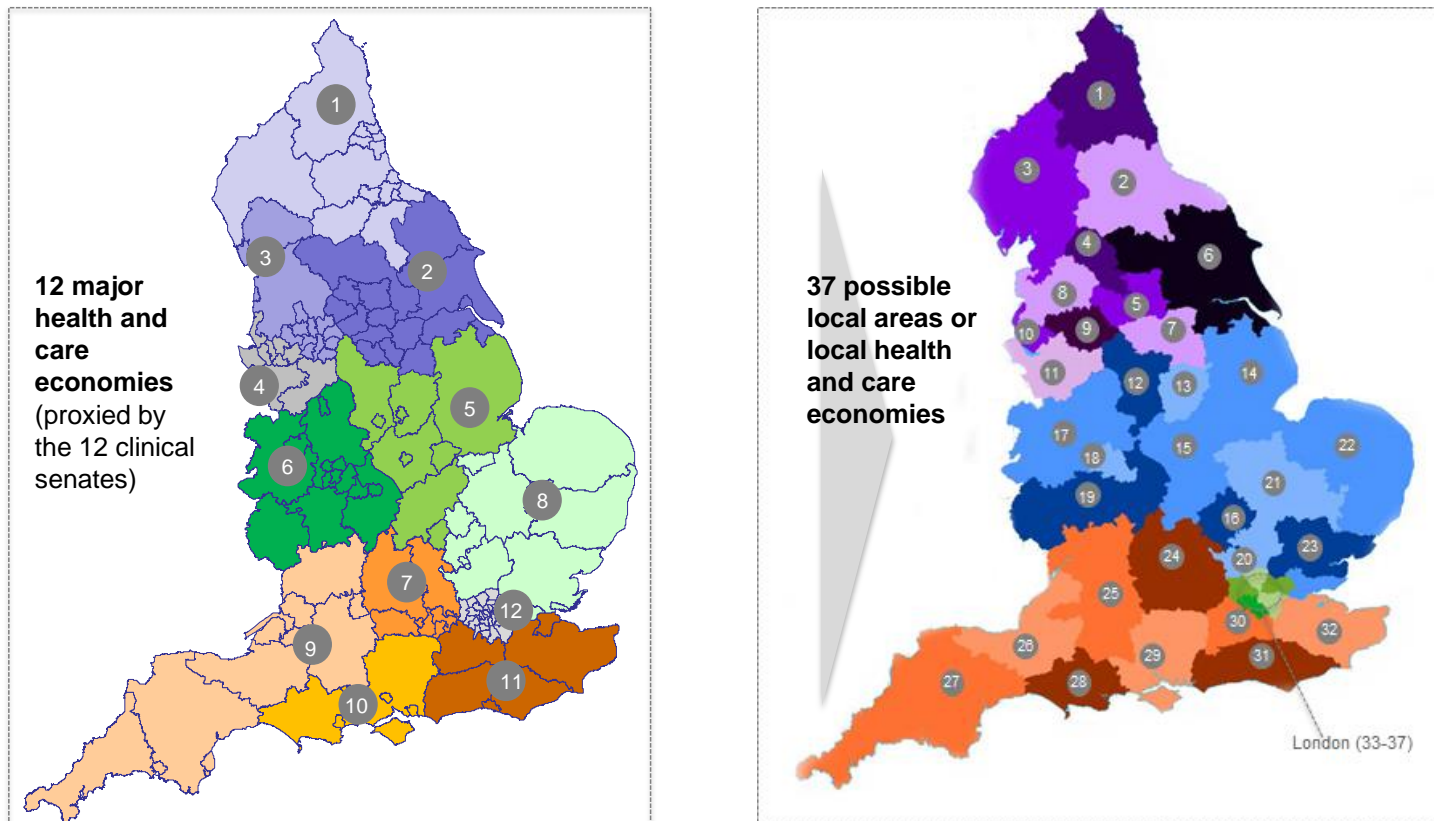


Source: Monitor analysis of FY15/16 contracts

# Can health and care economies/systems be defined based on patient or funding flows? (2/2)

- The method set out on the previous page leads to the identification of 37 local health and care economies with an average population of 1.5 million. These local health and care economies fit into NHS England's 12 clinical senates. They are summarised in Figure 4 below. A more detailed map of each area and useful information is included in Appendix 3.
- **This analysis is a resource to facilitate discussions. It is not prescriptive.**

Figure 4. Major and local health and care economies identified in research and analysis



# What factors should be considered when discussing health and care economy/system planning?

- **Local health and care economies/systems should be defined locally when they are used for planning or transformation.**
- National initiatives such as the Success Regime and Forward View initiatives should be considered when defining local health and care economy footprints for planning and transformation. Appendix 1 outlines the Forward View initiatives and Success Regimes under way across England, which may be relevant to defining local health and care economies for planning.
- Local health and care economies/systems should be aligned to the requirements set out in national guidance and should demonstrate the scale needed to deliver and transform services. Table 1 sets out some relevant considerations for providers and commissioners.

**Table 1: Considerations for local health and care economy planning**

Approach	Commissioner considerations	Provider considerations
<ul style="list-style-type: none"> <li>✓ Consider the challenges and opportunities based on discussions to date, including the scale of transformational change required to address the gaps in health and wellbeing, care and quality, and finance and efficiency.</li> </ul>	<ul style="list-style-type: none"> <li>☑ Is large scale service change likely to be required by 2020?</li> <li>☑ Do new models of care need to be implemented to improve population outcomes?</li> </ul>	<ul style="list-style-type: none"> <li>☑ Is vertical or horizontal organisational change likely to be required by 2020?</li> </ul>
<ul style="list-style-type: none"> <li>✓ Consider the size and location of the population ('place') needed to deliver change.</li> </ul>	<ul style="list-style-type: none"> <li>☑ Which population boundaries best enable the required change:               <ul style="list-style-type: none"> <li>- CCG population boundaries or clusters of</li> <li>- clusters of local authority boundaries</li> <li>- clusters of specialised commissioning hub footprints</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>☑ Which of my neighbours (acute, specialist, mental care, community and social care providers) could I partner to deliver the change required to meet the needs of the population better?</li> </ul>

# Appendices

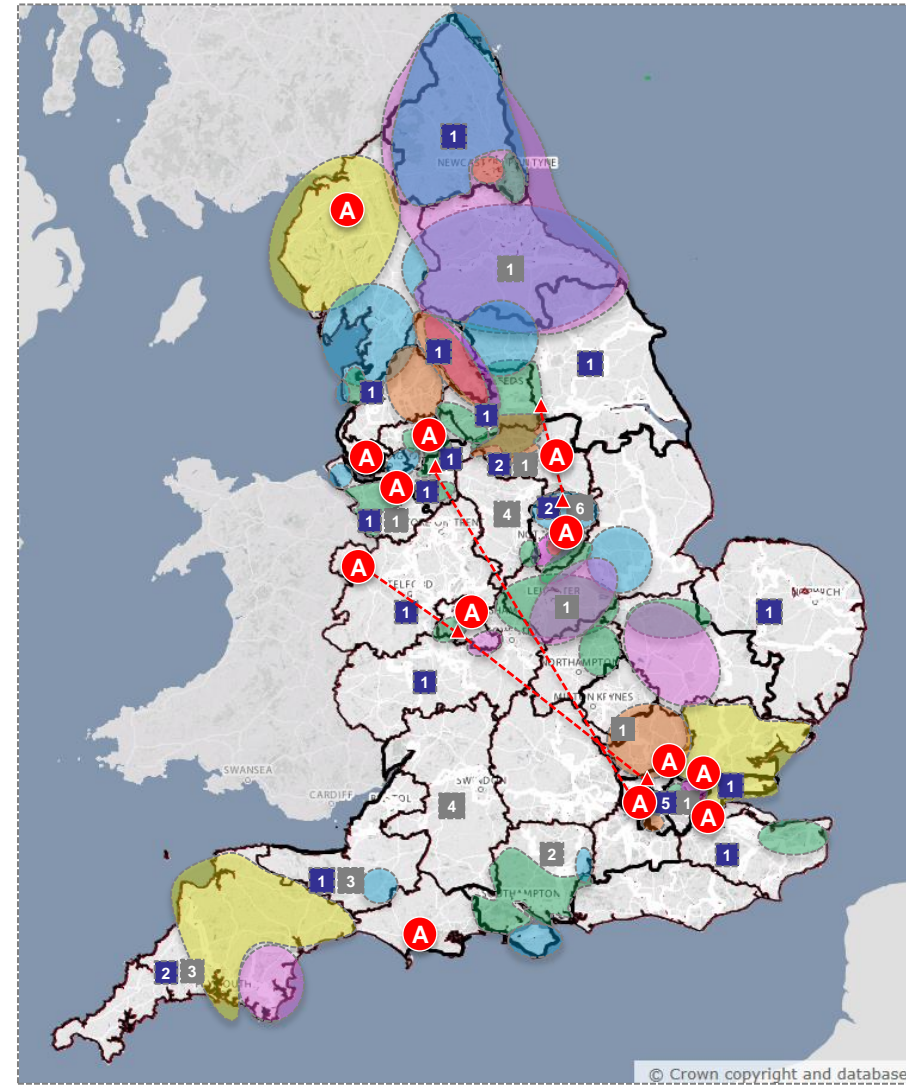
- Appendix 1: Forward View initiatives and success regime areas
- Appendix 2: Links to other useful resources
- Appendix 3: Geographical maps
  - Guide to maps
  - Clinical senate maps (x12)
  - Local area maps (x37)



# Appendix 1: Forward View initiatives

Five Year Forward View initiatives range in size and with respect to the number of organisations involved. In some areas they involve individual sites alone. In others multiple organisations spread over a larger area. The existing initiatives as at December 2015 are outlined below and mapped adjacently.

Five Year Forward View initiatives as at December 2015	Key	Total
<b>Pioneers wave 1 and 2</b> Localities (one or more CCGs/Local Authorities) chosen to lead the way in documenting change and sharing learning so that efforts can be scaled up at a national level.	n	25
<b>Integrated personal commissioning (IPC) sites</b> CCGs within which health and social care funding will be blended for individuals, allowing them to direct how it is used.	n	28
<b>Vanguards group 1: Primary and acute care systems (PACS)</b> Vertical collaboration, joining up GP, hospital, community and mental health services.	●	9
<b>Vanguards group 2: Multi-specialty community providers (MCP)</b> Moving specialist care out of hospitals into the community.	●	14
<b>Vanguards group 3: Enhanced health in care homes (EHCH)</b> Offering older people better, joined up health, care and rehabilitation services.	●	6
<b>Vanguards group 4: Urgent and emergency care (UEC) sites</b> New approaches to improve the coordination of services and reduce pressure on A&E departments.	●	9
<b>Vanguards group 5: Acute care collaboration (ACC) sites</b> Collaboration between organisations focusing on acute care; could be multi-provider hospital model, multi-specialty chain, specialty franchise or multi-specialty franchise.	A	13
<b>Success Regimes</b> Protect and promote services for patients in local health and care systems that are struggling with financial and/or quality problems.	●	3
<b>Total initiatives nationwide</b>		107



# Appendix 1: Success regime areas

Organisations within success regime areas currently have arrangements to work across their local health and care economies. The main organisations involved in each area, are highlighted below. This could be used as a possible reference point for other local areas in determining planning footprints.

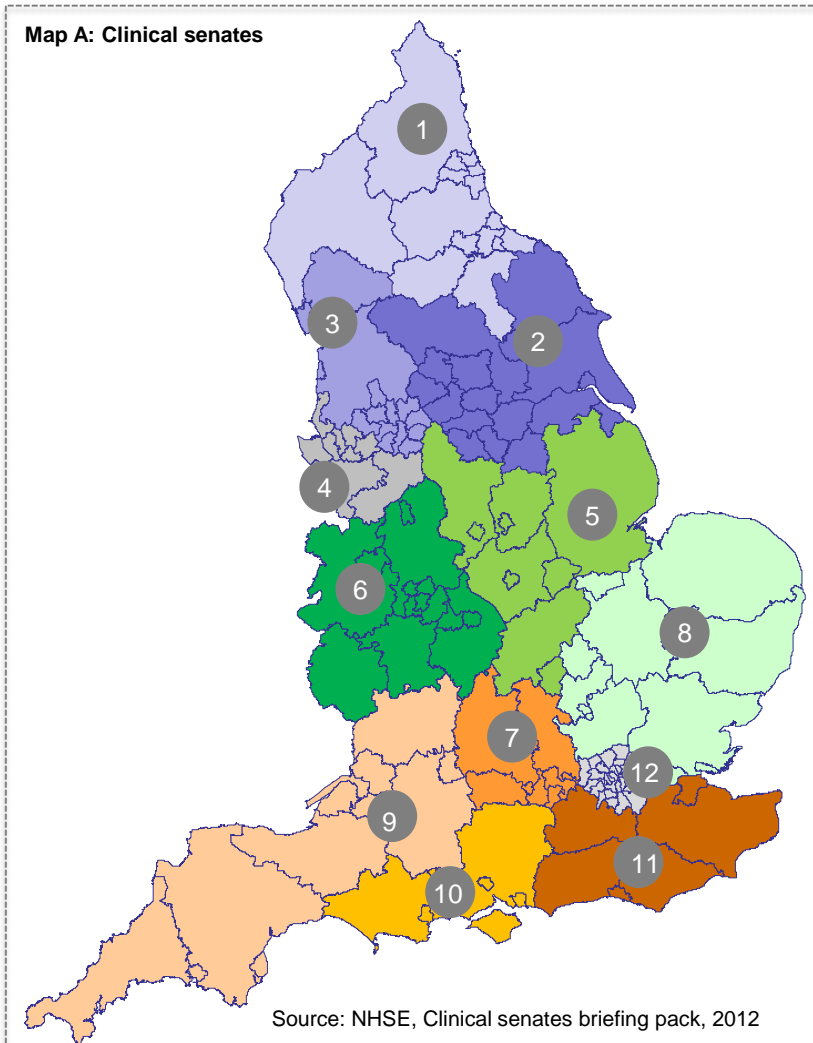
Success regime sites			
Organisations involved	West, North & East Cumbria	Essex	North, East and West Devon
<b>Commissioners of healthcare</b>	<ul style="list-style-type: none"> <li>NHS Cumbria CCG</li> </ul>	<ul style="list-style-type: none"> <li>NHS Mid Essex CCG</li> <li>NHS Castle Point and Rochford CCG</li> <li>NHS Thurrock CCG</li> <li>NHS Southend CCG</li> <li>MHS Basildon and Brentwood CCG</li> </ul>	<ul style="list-style-type: none"> <li>NHS North, East and West Devon CCG</li> </ul>
<b>NHS providers of healthcare (NHS Trust and Foundation Trusts)</b>	<ul style="list-style-type: none"> <li>North Cumbria University Hospitals Trust (and Northumbria Healthcare FT as buddy Trust)</li> <li>Cumbria Partnership NHS FT</li> <li>North West Ambulance Service</li> <li>Specialised services (provided by Newcastle Hospitals, and Northumbria Healthcare NHS Foundation Trusts)</li> </ul>	<ul style="list-style-type: none"> <li>Mid Essex Hospital Services NHS Trust</li> <li>Basildon and Thurrock University Hospitals FT</li> <li>Southend University Hospital FT</li> </ul>	<ul style="list-style-type: none"> <li>Northern Devon Healthcare NHS Trust</li> <li>Plymouth Hospitals NHS Trust</li> <li>Royal Devon and Exeter FT</li> <li>Devon Partnership Trust</li> <li>Key partners – South West Ambulance Service NHS FT</li> </ul>
<b>Other partners – including primary care, third sector, and social care providers, and other local bodies.</b>	<ul style="list-style-type: none"> <li>1<sup>st</sup> Care Cumbria GP Federation</li> <li>Carlisle &amp; Borders GP Federation</li> <li>Cumbria County Council</li> <li>Healthwatch Cumbria</li> </ul>	<ul style="list-style-type: none"> <li>Essex County council</li> <li>Healthwatch Essex; Thurrock; Southend</li> </ul>	<ul style="list-style-type: none"> <li>Devon County council</li> <li>Plymouth City Council</li> <li>Healthwatch Devon</li> <li>Plymouth Community Healthcare</li> <li>Virgin Care</li> </ul>

## Appendix 2: Links to other useful resources

Resource	Link	
Overview of new care models	<a href="https://www.england.nhs.uk/ourwork/futurenhs/new-care-models">https://www.england.nhs.uk/ourwork/futurenhs/new-care-models</a>	
Overview of the success regime	<a href="https://www.gov.uk/government/publications/five-year-forward-view-the-success-regime-a-whole-systems-intervention">https://www.gov.uk/government/publications/five-year-forward-view-the-success-regime-a-whole-systems-intervention</a>	
SHAPE (to support planning and mapping)	<a href="https://shape.phe.org.uk/">https://shape.phe.org.uk/</a>	
Local Government Association	<a href="http://www.local.gov.uk/">http://www.local.gov.uk/</a>	
Healthwatch	<a href="http://www.healthwatch.co.uk/">http://www.healthwatch.co.uk/</a>	
LTEBs	<a href="https://www.hee.nhs.uk/about-us/our-leaders-structure/local-education-training-boards">https://www.hee.nhs.uk/about-us/our-leaders-structure/local-education-training-boards</a>	
Clinical senates	<a href="https://www.england.nhs.uk/ourwork/part-rel/cs/">https://www.england.nhs.uk/ourwork/part-rel/cs/</a>	
Clinical senate websites	London	<a href="http://www.londonsenate.nhs.uk/">http://www.londonsenate.nhs.uk/</a>
	East of England	<a href="http://www.eoesenate.nhs.uk/">http://www.eoesenate.nhs.uk/</a>
	East Midlands	<a href="http://www.emsenatescn.nhs.uk/">http://www.emsenatescn.nhs.uk/</a>
	West Midlands	<a href="http://www.wmscnsenate.nhs.uk/home/">http://www.wmscnsenate.nhs.uk/home/</a>
	Cheshire and Mersey	<a href="http://www.cmsscnsenate.nhs.uk/">http://www.cmsscnsenate.nhs.uk/</a>
	Greater Manchester, Lancashire and South Cumbria	<a href="http://www.gmlscsenate.nhs.uk/index.php/clinical-senate">http://www.gmlscsenate.nhs.uk/index.php/clinical-senate</a>
	Northern	<a href="http://www.nesenate.nhs.uk/">http://www.nesenate.nhs.uk/</a>
	Yorkshire and the Humber	<a href="http://www.yhsenate.nhs.uk/index.php">http://www.yhsenate.nhs.uk/index.php</a>
	South East Coast	<a href="http://www.secsenate.nhs.uk/">http://www.secsenate.nhs.uk/</a>
	South West	<a href="http://www.swsenate.org.uk/">http://www.swsenate.org.uk/</a>
	Thames Valley	<a href="http://www.tvsenate.nhs.uk/">http://www.tvsenate.nhs.uk/</a>
Wessex	<a href="http://www.wessexsenate.nhs.uk/">http://www.wessexsenate.nhs.uk/</a>	
ONS population data	<a href="http://www.ons.gov.uk/ons/rel/pop-estimate/population-estimates-for-uk--england-and-wales--scotland-and-northern-ireland/2013/stb---mid-2013-uk-population-estimates.html">http://www.ons.gov.uk/ons/rel/pop-estimate/population-estimates-for-uk--england-and-wales--scotland-and-northern-ireland/2013/stb---mid-2013-uk-population-estimates.html</a>	

# Appendix 3 Guide to maps: Clinical senates overview

The NHS Commissioning Board divided England into 12 areas (see Map A below), broadly based around major patient flows into specialist or tertiary centres. Clinical senates could be used as a starting point proxy for major health and care economy footprints. The relationship to the 10 specialised commissioning hub footprints has also been outlined below.




	Clinical senates (x12)	Specialised commissioning hub (x10)
1	North East, north Cumbria, & the Hambleton & Richmondshire districts of North Yorkshire	North East and Cumbria
2	Yorkshire & Humber	Yorkshire & Humber
3	Greater Manchester, Lancashire and south Cumbria	North West
4	Cheshire & Merseyside	
5	East Midlands	East Midlands
6	West Midlands	West Midlands
7	Thames Valley	(Covered by Wessex)
8	East of England	East of England
9	South West	South West
10	Wessex	Wessex
11	South East Coast	South East Coast
12	London	London

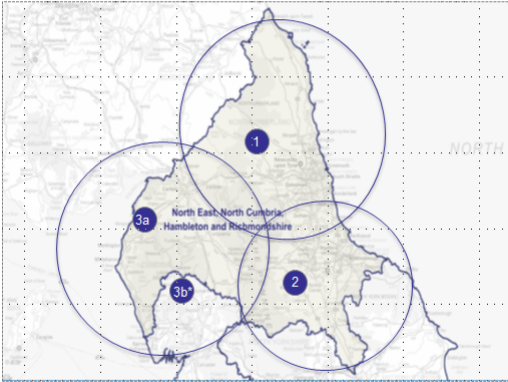
# Appendix 3 Guide to maps: Clinical senate maps explained

There are 12 clinical senate maps (one for each clinical senate) detailed in this Appendix. The guide below, explains how to read these, the sources of the analysis and information.

**1 Clinical senate 1: North East, north Cumbria, & the Hambleton & Richmondshire districts of North Yorkshire**

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres. Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).





**2** Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy capturing most of the patients' pathway from the GP to local providers' secondary acute, mental health and community care services. These maps and tables are indicative only and are intended to be used as a starting point for STP footprint discussions.

**3** Table B. Units of planning, CCGs and NHS Providers

Commissioner units of planning FY15 - FY15	CCG Name	NHS Provider name
Northumberland, Tyne and Wear	Tyneside CCG	Hospitals Sunderland NHS FT
Tyneside	Tyneside CCG	Presheas Health NHS FT
North Yorkshire	North Yorkshire CCG	Northumberland, Tyne & Wear FT
North Yorkshire	North Yorkshire CCG	Northumbria Healthcare NHS FT
South Tyneside	NHS South Tyneside CCG	South Tyneside NHS FT
Sunderland	NHS Sunderland CCG	The Newcastle Upon Tyne Hospitals FT
		Ambulance services provided by North East Ambulance Service NHS FT
<b>2. Durham, Darlington and Tees</b>		
Hambleton, Richmondshire and Wharfedale	NHS Hambleton, Richmondshire and Wharfedale CCG	County Durham & Darlington NHS FT
Darlington	NHS Darlington CCG	North Tees and Hartlepool NHS FT
Durham	NHS Durham CCG	South Tees Hospitals NHS FT
Hartlepool and Stockton on Tees	NHS Hartlepool and Stockton on Tees CCG	Tees, Esk and Wear Valleys NHS FT
South Tees	NHS South Tees CCG	Ambulance services provide by North East Ambulance Service NHS FT
<b>3a. Cumbria (West, North and East Cumbria)* - Success regime area</b>		
Cumbria	NHS Cumbria CCG	West North and East Cumbria: North Cumbria University Hospitals NHS Trust
		Cumbria Partnership NHS FT
		Ambulance services provided by North West Ambulance Service NHS FT

\*NB. 3b. Cumbria (South) (is mapped out under Clinical senate 3)

**2** Total population of clinical senate: 3.7 million (as per mid 2013 ONS estimates)

2. The Way Forward Clinical senates, 25 January 2013, page 6, NHSE

2. Most captures >75% of funding flows between common a group of commissioners providers (see diagram page [7])

Five Year Forward View

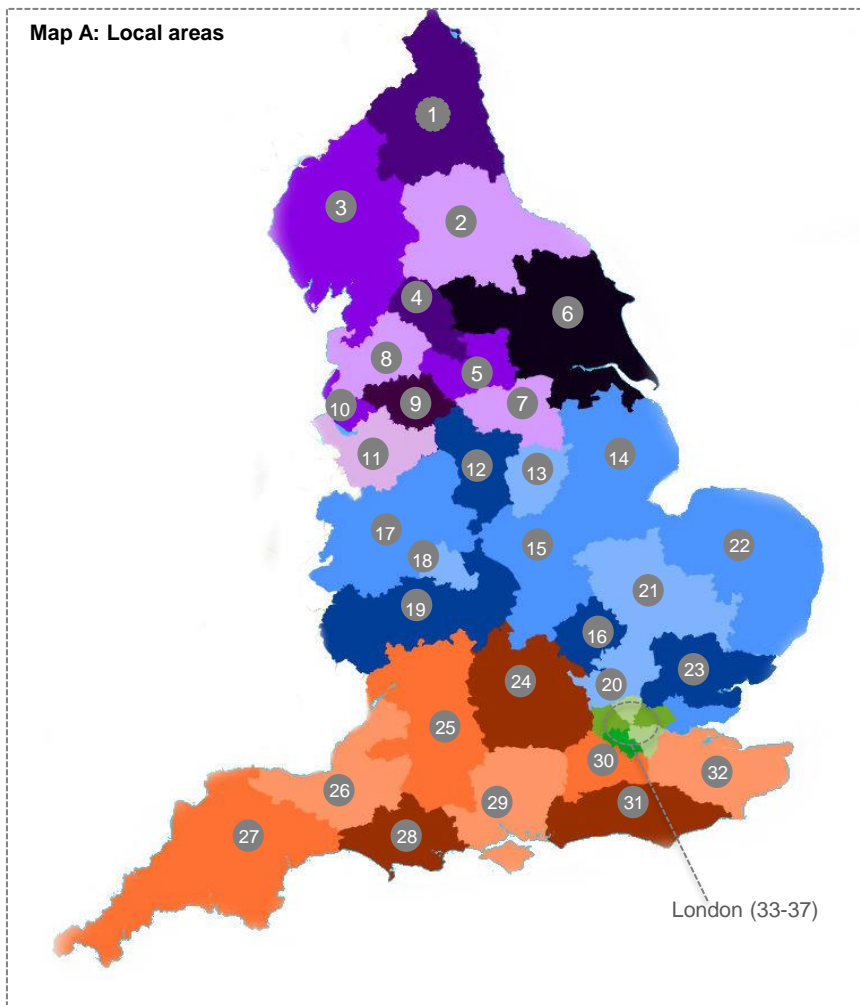
- 1** Clinical senates were established to be a source of independent, strategic advice and guidance to commissioners and stakeholders to assist them to make the best decisions about healthcare for the populations they represent. In the analysis they have been used as a proxy for 'Major' health and care economies.

<https://www.england.nhs.uk/ourwork/part-rel/cs/>
- 2** CCG population sourced from ONS (2013 mid-year values)

<http://www.ons.gov.uk/ons/rel/pop-estimate/population-estimates-for-uk--england-and-wales--scotland-and-northern-ireland/2013/stb---mid-2013-uk-population-estimates.html>
- 3** Further subdivision of the Clinical Senates using analysis of common funding flows between providers and CCGs. These are possible local health and care economies (or 'Local Areas') which could be used as a starting point in determining planning footprints.
- 4** Previously determined commissioner units of planning (locally determined by CCGs for the 2014/15 – 2018/19 strategic plans).
- 5** Local areas are formed through collating a number of CCGs together. These areas contain at least 75% of funding flows between the commissioners and listed providers.
- 6** NHS Providers mapped to Local Areas based on activity flows and geographical location. Each provider is only mapped to one local area. For large / specialist providers judgement will be needed as to which local area is most appropriate.

# Appendix 3 Guide to maps: Local area maps overview

Research and analysis by Monitor's Local Health Economy Intelligence Unit (LHEIU), of common patient and funding flows between commissioners (CCGs) and providers, have been used to map out local areas (as outlined in the map and table below). Further detail on the size and shape of these local areas are provided on the detailed maps in Appendix 2. These are intended to support local discussions.



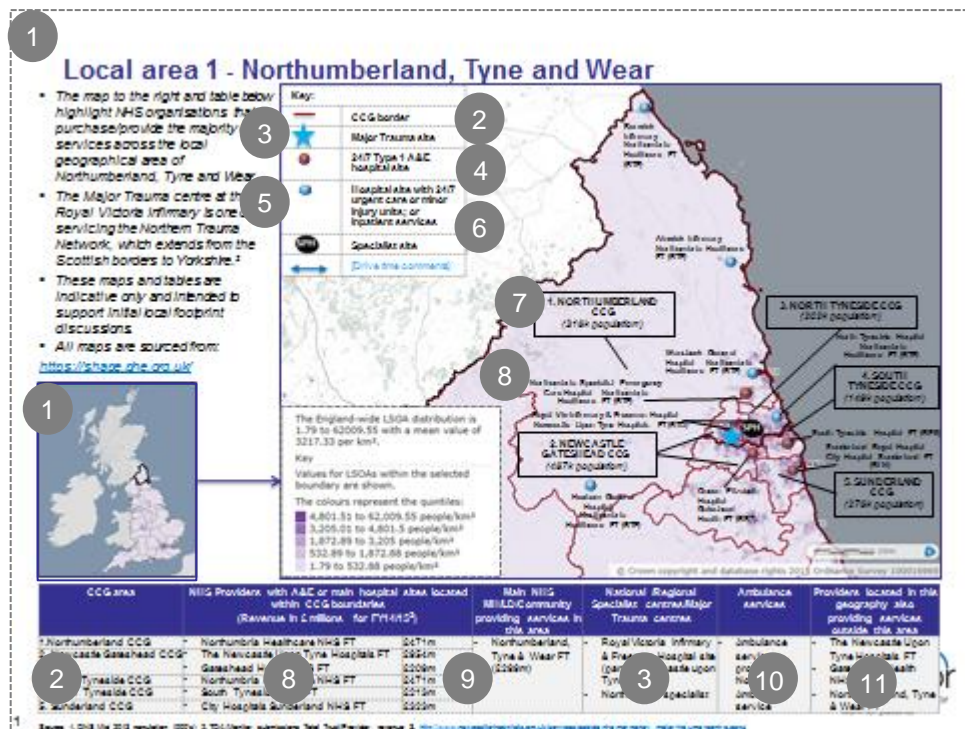
Region	Clinical Senate	Local area	Population Millions (m) <sup>1</sup>
NORTH	1	1. Northumberland, Tyne and Wear	1.4m
		2. Durham, Darlington and Tees	1.3m
		3a. Cumbria (North, West and East), and 3b. Cumbria South	0.7m
	2	4. West Yorkshire - Bradford	0.6m
		5. West Yorkshire - Leeds, Huddersfield, Halifax	1.7m
		6. North Yorkshire and Humber	1.5m
		7. South Yorkshire and Bassetlaw	1.5m
	3	8. Lancashire	1.3m
		9. Greater Manchester	2.7m
		10. Merseyside	1.1m
		11. Cheshire, Warrington and Wirral	1.4m
MIDLANDS AND EAST	4	12. Derbyshire	1.0m
		13. Nottinghamshire	1.0m
		14. Leicestershire and Lincolnshire	1.8m
	5	15. Northamptonshire	0.7m
		16. Milton Keynes and Bedford	0.7m
		17. Shropshire and Staffordshire	1.6m
		18. Birmingham and the Black Country	2.4m
	6	19. Arden, Herefordshire and Worcestershire	1.6m
		20. Hertfordshire and Luton	1.3m
		21. East Anglia - Cambridgeshire, Peterborough and W Suffolk	1.1m
		22. East Anglia - Norfolk, Ipswich, E Suffolk, GY and Waveny	1.4m
8	23. Essex	1.8m	
	7	24. Thames Valley	2.1m
SOUTH	9	25. Bath, Gloucestershire, Swindon and Wiltshire	1.5m
		26. Bristol, North Somerset, Somerset, South Gloucestershire	1.5m
		27. Devon (North, East, West), Cornwall and Isles of Scilly	1.7m
	10	28. Wessex - Dorset	0.8m
		29. Wessex - Hampshire, Southampton and Isle of Wight	2.0m
		30. Surrey	1.1m
11	31. Sussex	1.6m	
	32. Kent and Medway	1.8m	
LONDON	12	33. North East London	1.8m
		34. North Central London	1.4m
		35. North West London	2.0m
		36. South West London	1.4m
		37. South East London	1.7m

Source: Monitor analysis

Colour key: Indicates current success regime

# Appendix 3 Guide to maps: Local area maps explained

There are 37 local area maps detailed in this Appendix. The guide below, explains how to read these maps, the sources of the analysis and information in them.



1 All maps developed using SHAPE <https://shape.phe.org.uk/>

2 CCG list and maps available from NHS England <https://www.england.nhs.uk/resources/ccg-maps/>

3 Major Trauma Centre network information available from the Trauma Quality Improvement Network System <http://www.tquins.nhs.uk/?menu=map>

4 Type 1 accident and emergency departments with 24 hour service <http://www.hscic.gov.uk/article/5351/Department-type-AEDEPTYPE>

5 Selected major sites with urgent care, minor injury unit, or inpatient services

6 Specialist hospitals with focus on specific service (e.g. cancer, children's, eye, heart/chest, neuro, orthopaedic, reconstructive, rheumatology, women's)

7 CCG population sourced from ONS (2013 mid-year values) <http://www.ons.gov.uk/ons/rel/pop-estimate/population-estimates-for-uk--england-and-wales--scotland-and-northern-ireland/2013/stb---mid-2013-uk-population-estimates.html>

8 NHS organisations and codes list available from data.gov.uk <https://data.gov.uk/dataset/england-nhs-connecting-for-health-organisation-data-service-data-files-of-nhsorganisations>

9 Provider financial data for FY15 sourced from Monitor and NHS TDA

10 Ambulance service maps available from Association of Ambulance Chief Executives <http://aace.org.uk/uk-ambulance-service/map-of-nhs-ambulance-services/>

11 Where an NHS provider receives more than one third of their income from sources other than the CCGs included in this local area we have included them in this box. Source of data is Monitor / NHS TDA FY15/16 contract data

# Appendix 3 Geographical map resources covering:

## Clinical Senate 1

North East, north Cumbria, & the Hambleton & Richmondshire districts of North Yorkshire

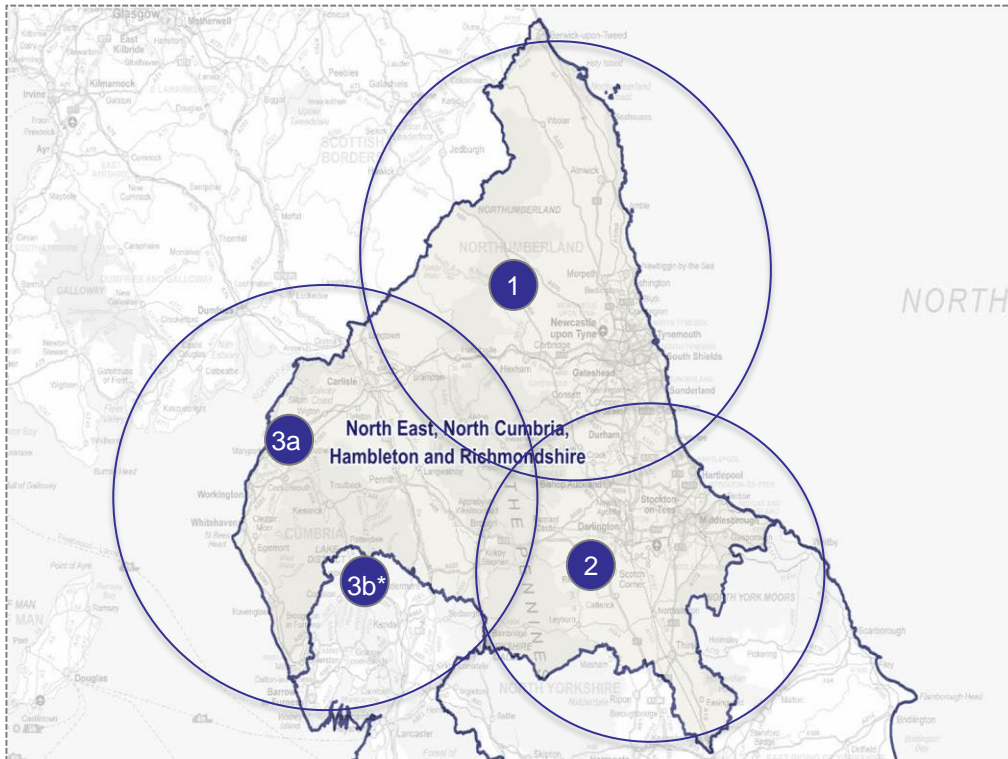
- This clinical senate contains local areas:
  - 1. Northumberland, Tyne and Wear
  - 2. Durham, Darlington and Tees
  - 3a. Cumbria (North, West and East)



# Clinical senate 1: North East, north Cumbria, & the Hambleton & Richmondshire districts of North Yorkshire

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 3.7 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

Table B. Units of planning, CCGs and NHS Providers

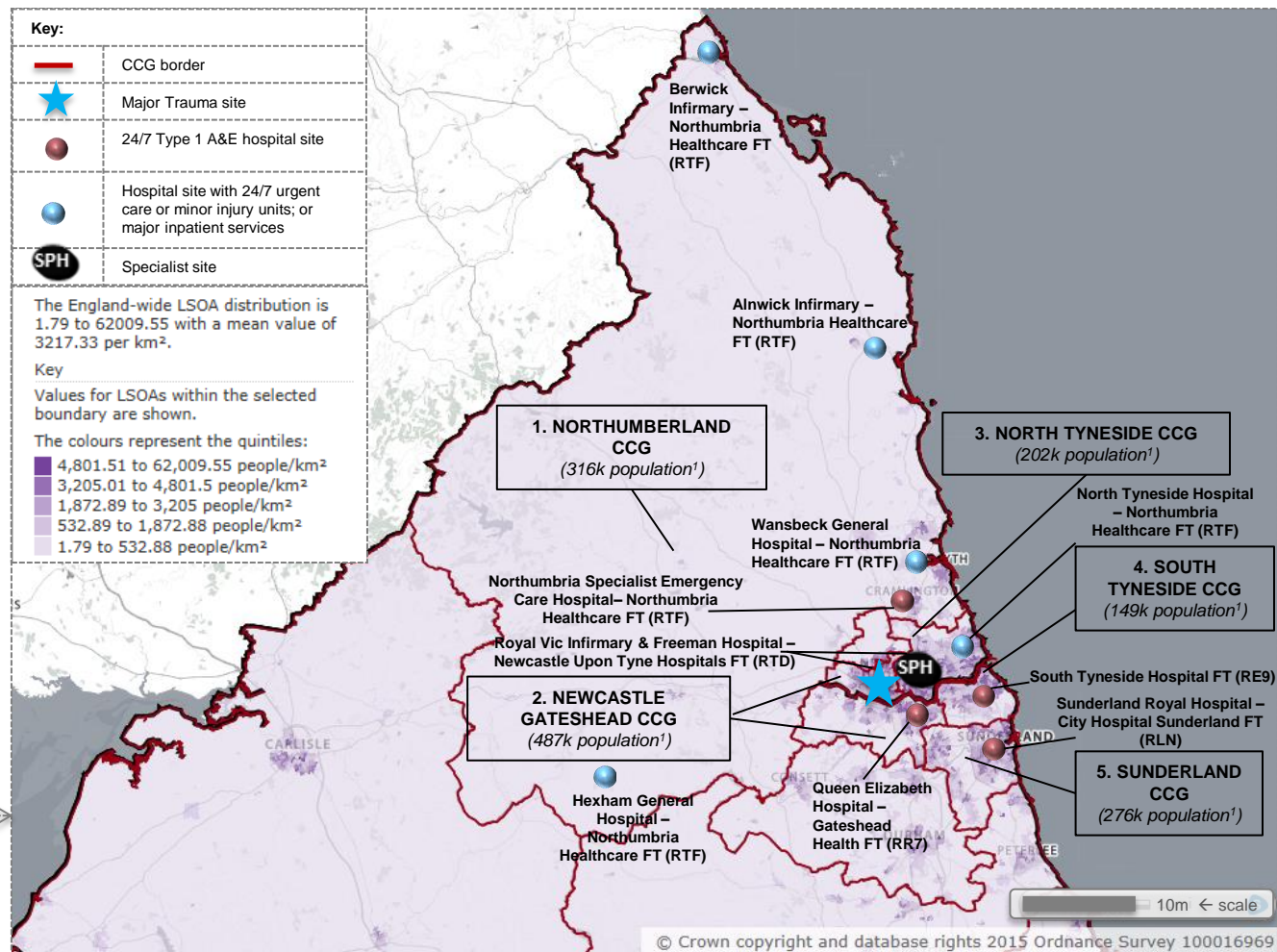
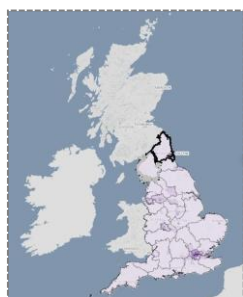
Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>1. Northumberland, Tyne and Wear</b>		
North Tyneside	NHS North Tyneside CCG	City Hospitals Sunderland NHS FT
Newcastle Gateshead	NHS Newcastle Gateshead CCG	Gateshead Health NHS FT
Northumberland	NHS Northumberland CCG	Northumbria Healthcare NHS FT
South Tyneside	NHS South Tyneside CCG	South Tyneside NHS FT
Sunderland	NHS Sunderland CCG	The Newcastle Upon Tyne Hospitals FT
		Ambulance services provided by North East Ambulance Service NHS FT
<b>2. Durham, Darlington and Tees</b>		
Hambleton, Richmondshire and Whitby	NHS Hambleton, Richmondshire and Whitby CCG	County Durham and Darlington NHS FT
Darlington	NHS Darlington CCG	North Tees and Hartlepool NHS FT
Durham	NHS Durham Dales, Easington and Sedgefield CCG	South Tees Hospitals NHS FT
	NHS North Durham CCG	Tees, Esk and Wear Valleys NHS FT
		Ambulance services provide by North East Ambulance Service NHS FT
Hartlepool and Stockton on Tees	NHS Hartlepool and Stockton-on-Tees CCG	
South Tees	NHS South Tees CCG	
<b>3a. Cumbria (West, North and East Cumbria)* – Success regime area</b>		
Cumbria	NHS Cumbria CCG	West North and East Cumbria:
		North Cumbria University Hospitals NHS Trust
		Cumbria Partnership NHS FT
		Ambulance services provided by North West Ambulance Service NHS FT

\*NB. 3b. Cumbria (South) (is mapped out under Clinical senate 3)

# Local area 1: Northumberland, Tyne and Wear

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Northumberland, Tyne and Wear.
- The Major Trauma centre at the Royal Victoria Infirmary is one of two servicing the Northern Trauma Network, which extends from the Scottish borders to Yorkshire.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



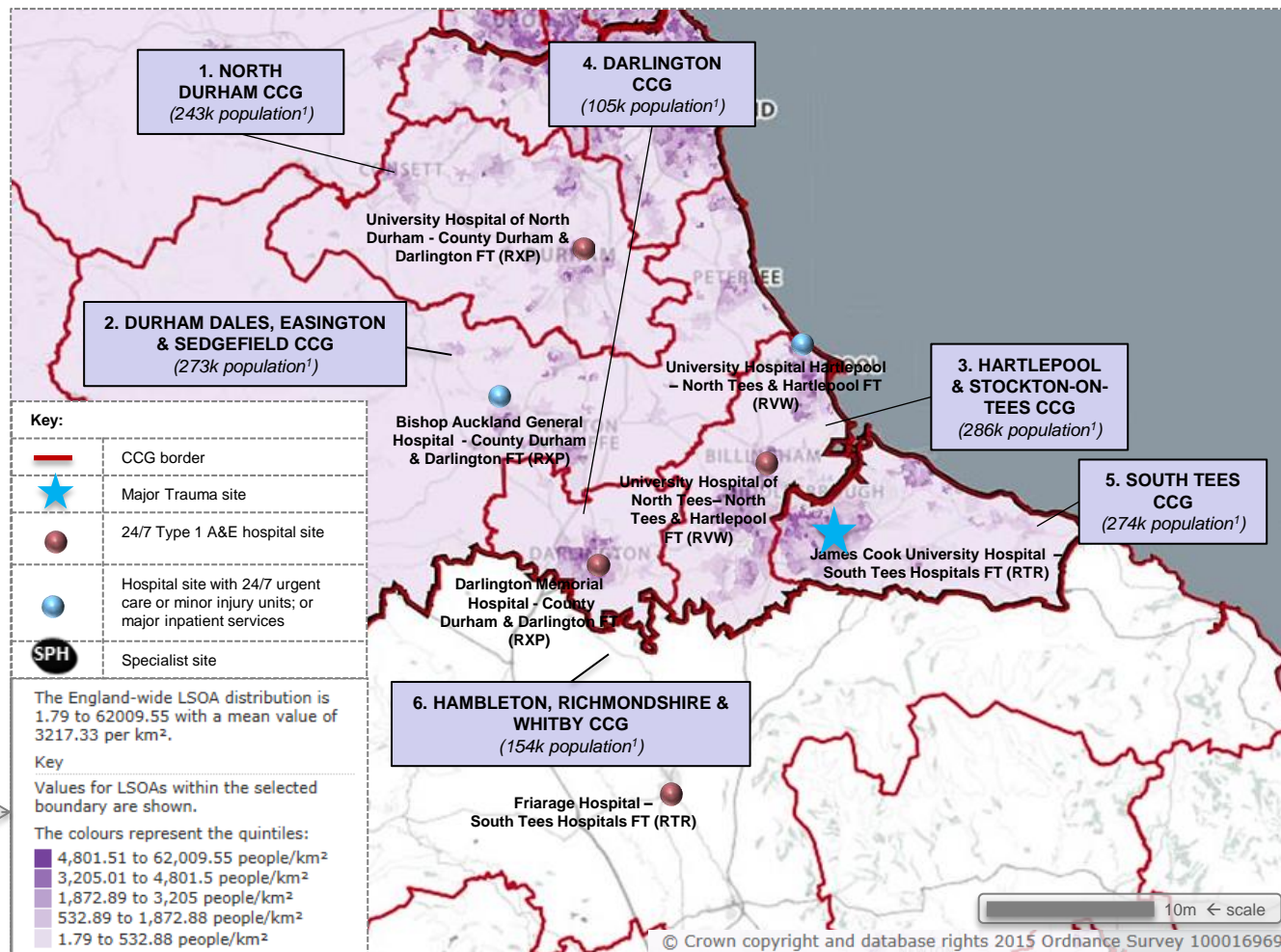
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Northumberland CCG	<ul style="list-style-type: none"> <li>Northumbria Healthcare NHS FT £471m</li> </ul>	<ul style="list-style-type: none"> <li>Northumberland, Tyne &amp; Wear FT (£299m)</li> </ul>	<ul style="list-style-type: none"> <li>Royal Victoria Infirmary &amp; Freeman Hospital site (part of Newcastle upon Tyne FT)</li> <li>Northumbria specialist</li> </ul>	<ul style="list-style-type: none"> <li>Ambulance services provided by North East Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>The Newcastle Upon Tyne Hospitals FT</li> <li>Gateshead Health NHS FT</li> <li>Northumberland, Tyne &amp; Wear FT</li> </ul>
2. Newcastle Gateshead CCG	<ul style="list-style-type: none"> <li>The Newcastle Upon Tyne Hospitals FT £954m</li> <li>Gateshead Health NHS FT £209m</li> </ul>				
3. North Tyneside CCG	<ul style="list-style-type: none"> <li>Northumbria Healthcare NHS FT £471m</li> </ul>				
4. South Tyneside CCG	<ul style="list-style-type: none"> <li>South Tyneside NHS FT £213m</li> </ul>				
5. Sunderland CCG	<ul style="list-style-type: none"> <li>City Hospitals Sunderland NHS FT £323m</li> </ul>				

# Local area 2: Durham, Darlington and Tees

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Durham, Darlington and Tees.
- The Major Trauma centre at James Cook Hospital is part of the South Tees Hospitals FT and is one of two servicing the Northern Trauma Network, which extends from the Scottish borders to Yorkshire.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



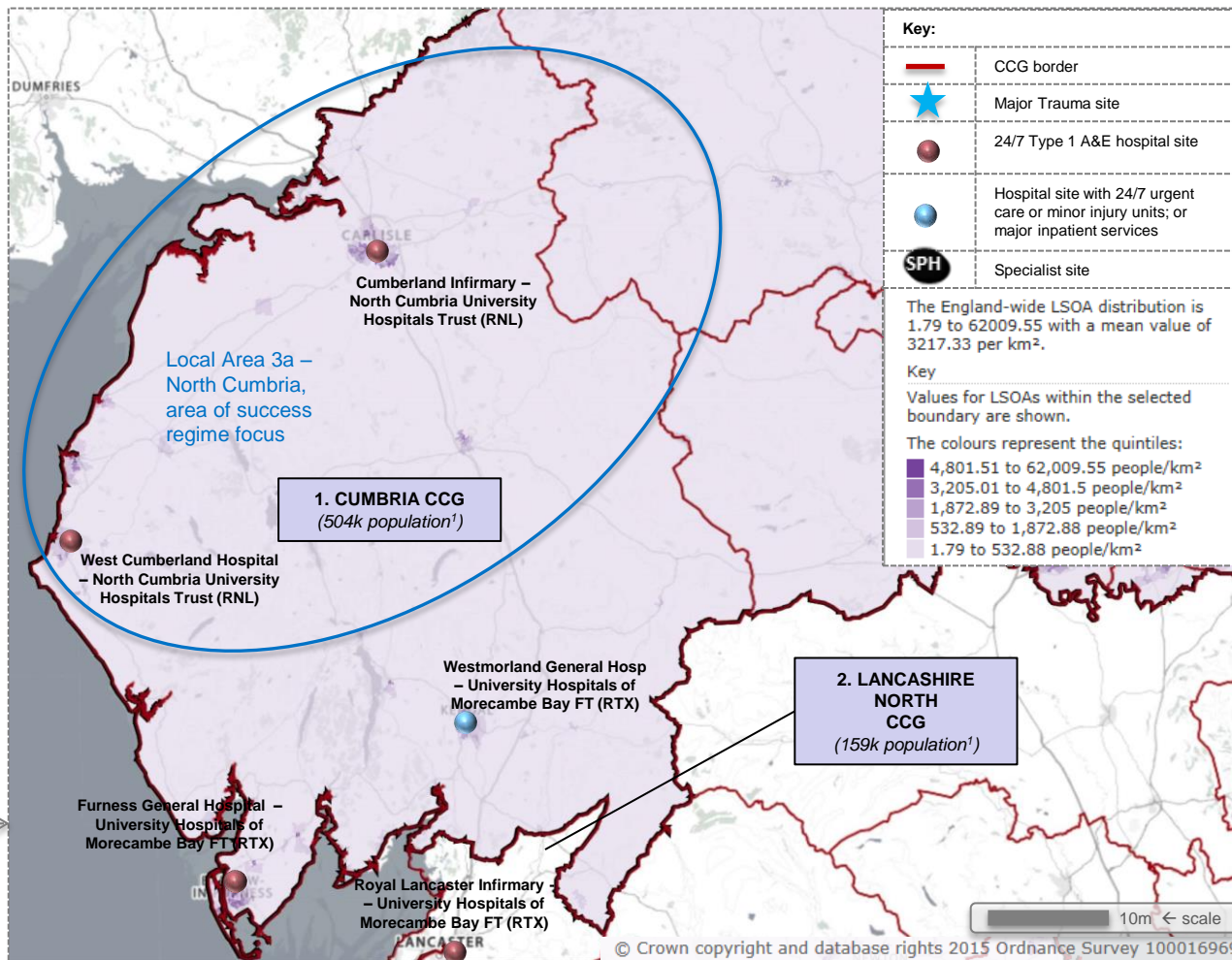
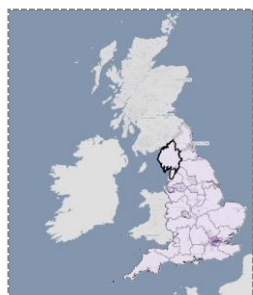
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services providing services	Providers located in this geography also providing services outside this area
1. North Durham	County Durham And Darlington NHS FT £470m	Tees, Esk And Wear Valleys NHS FT (£278m)	James Cook Hospital (South Tees Hospitals FT)	North East Ambulance service	
2. Durham Dales, Easington and Sedgfield	North Tees And Hartlepool NHS FT £268m				
3. Hartlepool and Stockton-on-Tees	County Durham And Darlington NHS FT £470m				
4. Darlington	South Tees Hospitals NHS FT £547m				
5. South Tees					
6. Hambleton, Richmondshire and Whitby					

# Local area 3a: Cumbria (West, North and East Cumbria)

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Cumbria/Lancashire North.
- There are no Major Trauma centres in this local area but it is part of the Northern Trauma network. The trauma unit at Cumberland Infirmary is linked to the MTC at the Victoria Infirmary in Newcastle.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National/Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Cumbria CCG	<ul style="list-style-type: none"> <li>North Cumbria University Hospitals NHS £252m Trust</li> </ul>	<ul style="list-style-type: none"> <li>Cumbria Partnership NHS FT (£171m)</li> </ul>		<ul style="list-style-type: none"> <li>Ambulance services provided by both North East Ambulance service</li> </ul>	

# Appendix 3 Geographical map resources covering:

## Clinical Senate 2

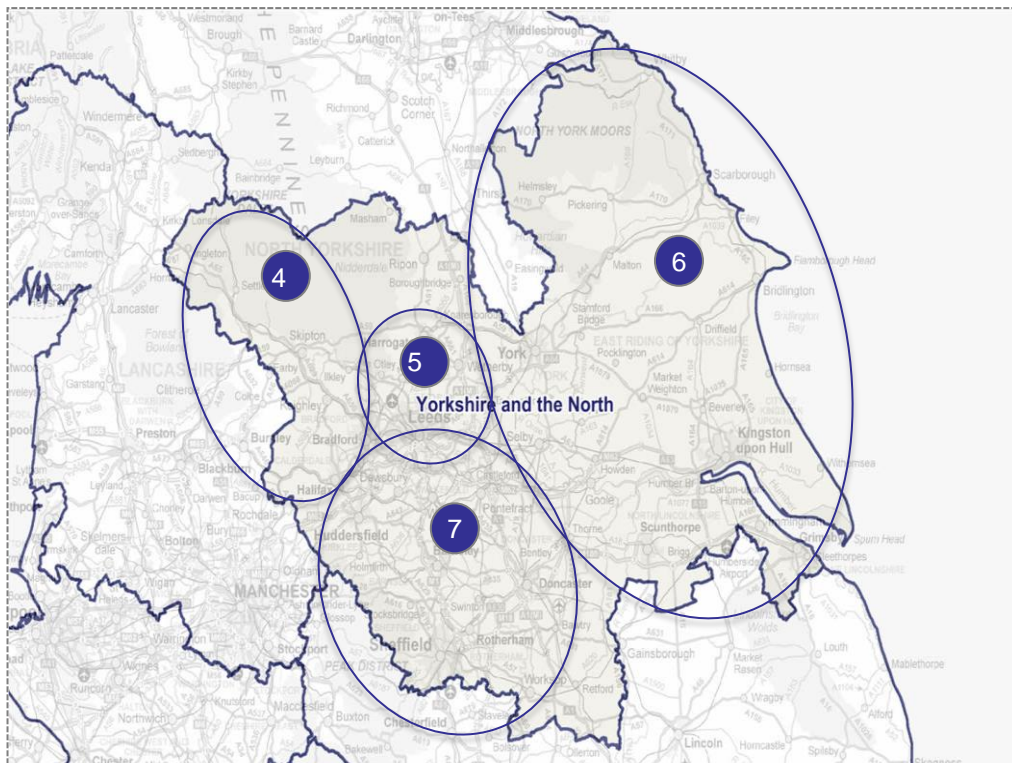
### Yorkshire and the Humber

- This clinical senate contains local areas:
  - 4. West Yorkshire – Bradford
  - 5. West Yorkshire – Leeds, Huddersfield, Halifax
  - 6. North Yorkshire and Humber
  - 7. South Yorkshire and Bassetlaw

# Clinical senate 2: Yorkshire and the Humber

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 5.0 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

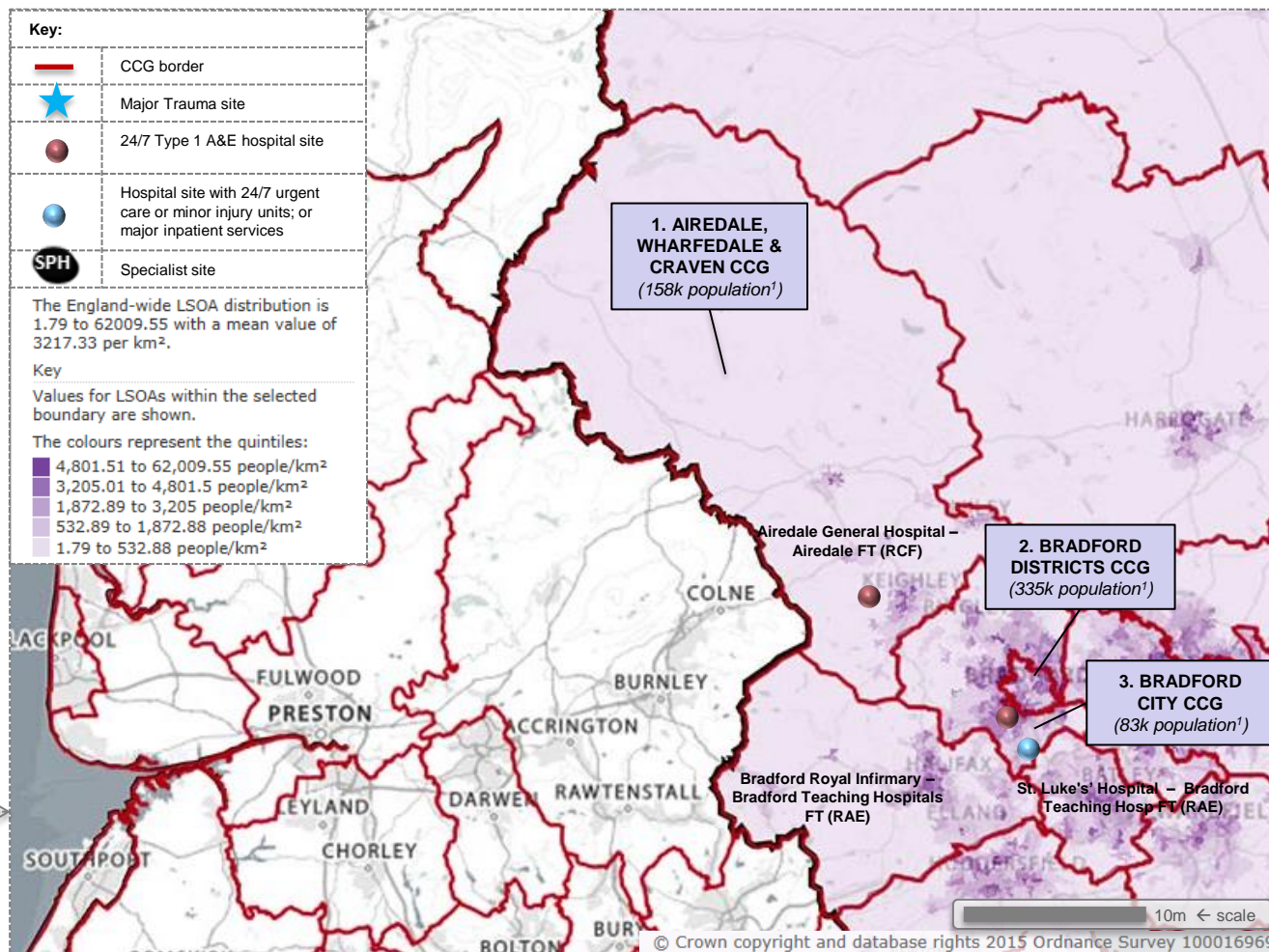
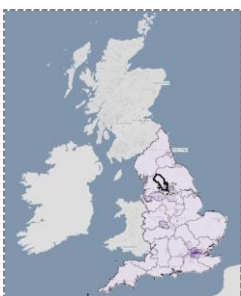
Table B. Units of planning, CCGs and NHS Providers

Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>4. West Yorkshire – Bradford</b>		
Airedale & Bradford	NHS Airedale, Wharfedale and Craven CCG NHS Bradford Districts CCG NHS Bradford City CCG	<ul style="list-style-type: none"> <li>Airedale NHS FT</li> <li>Bradford Teaching Hospitals NHS FT</li> <li>Bradford District Care NHS FT</li> </ul>
<b>5. West Yorkshire - Leeds, Huddersfield and Halifax</b>		
Calderdale	NHS Calderdale CCG	Leeds Teaching Hospitals NHS Trust
Kirklees	NHS Greater Huddersfield CCG NHS North Kirklees CCG	<ul style="list-style-type: none"> <li>Mid Yorkshire Hospitals NHS Trust</li> <li>Calderdale and Huddersfield NHS FT</li> </ul>
Wakefield	NHS Wakefield CCG	Leeds and York Partnership NHS FT
Leeds	NHS Leeds North CCG NHS Leeds West CCG NHS Leeds South and East CCG	Leeds Community Healthcare NHS Trust
<b>6. North Yorkshire and the Humber</b>		
East Riding of Yorkshire	NHS East Riding of Yorkshire CCG	Hull and East Yorkshire Hospitals NHS Trust
Hull	NHS Hull CCG	Harrogate and District NHS FT
Harrogate and Rural District	NHS Harrogate and Rural District CCG	North Lincolnshire and Goole Hospitals NHS FT
North East Lincolnshire	NHS North East Lincolnshire CCG	York Hospitals NHS FT
North Lincolnshire	NHS North Lincolnshire CCG	Humber NHS FT
Scarborough and Ryedale	NHS Scarborough and Ryedale CCG	
Vale of York	NHS Vale of York CCG	
<b>7. South Yorkshire and Bassetlaw</b>		
Barnsley	NHS Barnsley CCG	Barnsley Hospital NHS FT
Bassetlaw	NHS Bassetlaw CCG	Doncaster and Bassetlaw Hospitals NHS FT
Doncaster	NHS Doncaster CCG	
Rotherham	NHS Rotherham CCG	Sheffield Teaching Hospitals NHS FT
Sheffield	NHS Sheffield CCG	<ul style="list-style-type: none"> <li>The Rotherham NHS FT</li> <li>Rotherham, Doncaster and South Humber NHS FT</li> <li>South West Yorkshire Partnership NHS FT</li> <li>Sheffield Health and Social Care NHS FT</li> <li>Sheffield Children's NHS FT</li> </ul>

# Local area 4: West Yorkshire - Bradford

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of West Yorkshire - Bradford.
- There are no Major Trauma centres in this local area but it is supported by the West Yorkshire Major Trauma Network, with the Major Trauma Centre in Leeds
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

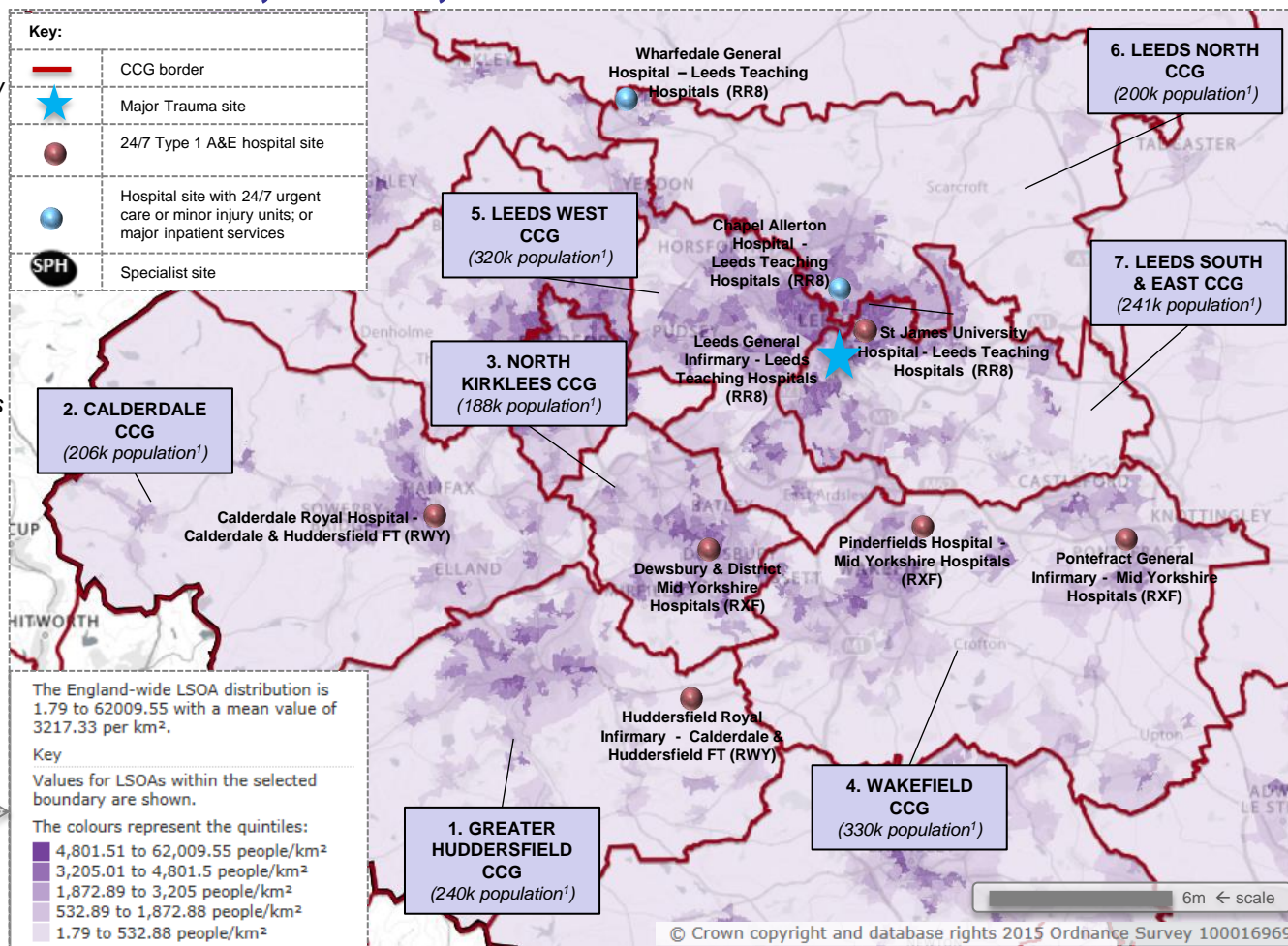
Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Airedale, Wharfedale and Craven CCG	Airedale NHS FT £144m	Bradford District Care Trust		Yorkshire Ambulance	
2. Bradford Districts CCG	Bradford Teaching Hospitals NHS FT £354m				
3. Bradford City CCG					

# Local area 5: West Yorkshire, Leeds, Huddersfield and Halifax

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of West Yorkshire, Leeds, Huddersfield and Halifax.
- The Major Trauma centre at the Leeds Teaching Hospitals NHS Trust is part of the West Yorkshire Major Trauma Network and provides for both adults and children.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>



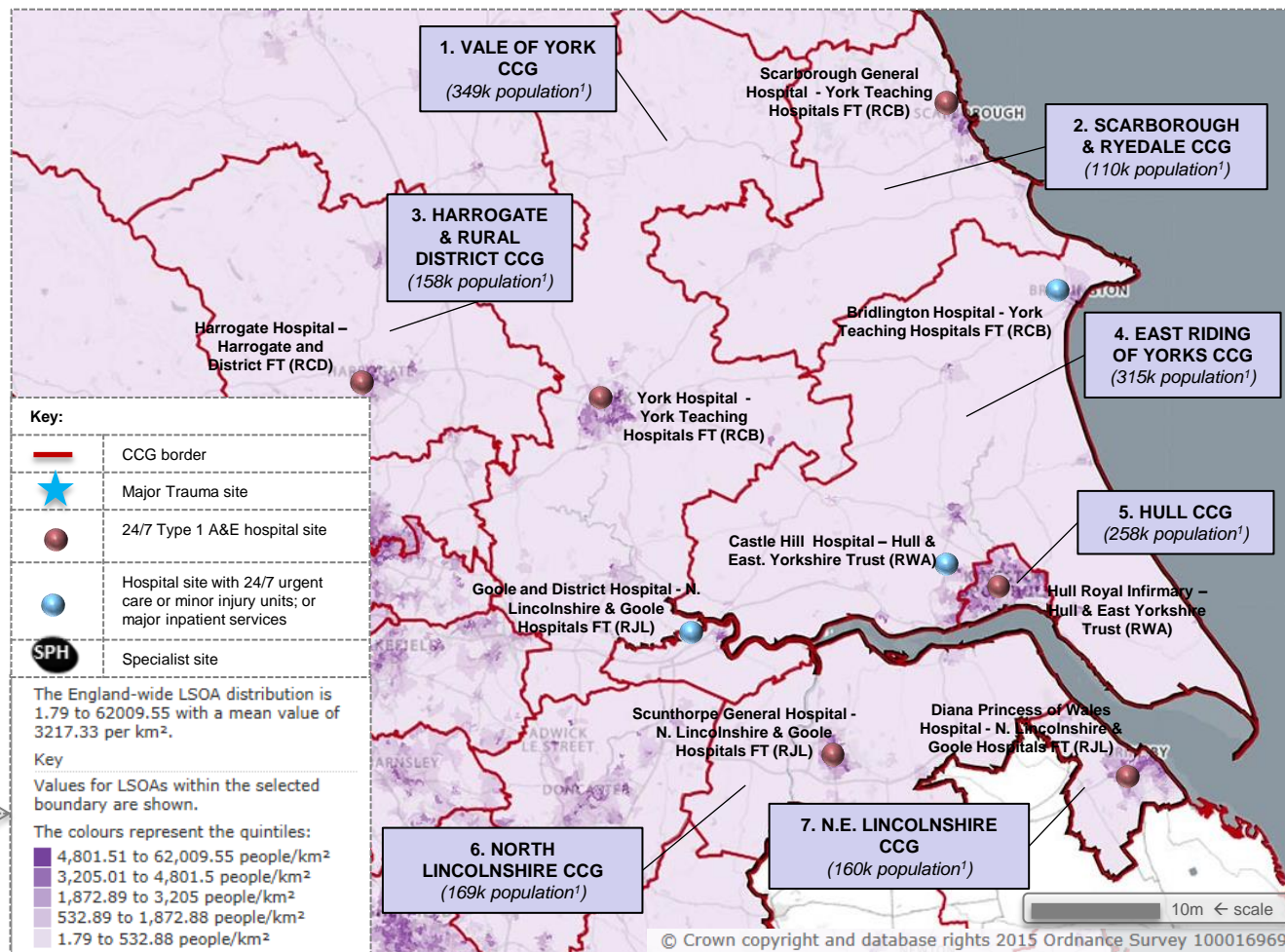
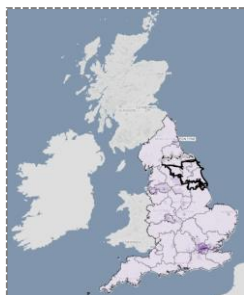
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Greater Huddersfield CCG	Calderdale and Huddersfield NHS FT	£351m	Leeds and York Partnership NHS FT (£171m)	Yorkshire Ambulance Service NHS Trust	
2. Calderdale CCG			Leeds Teaching Hospitals NHS Trust		
3. NHS North Kirklees CCG	Mid Yorkshire Hospitals NHS Trust	£469m	Leeds Community Healthcare NHS Trust (£143m)		
4. NHS Wakefield CCG					
5. NHS Leeds West CCG					
6. NHS Leeds North CCG	Leeds Teaching Hospitals NHS Trust	£1,062m			
7. NHS Leeds South and East CCG					



# Local area 6: North Yorkshire and Humber

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of North Yorkshire and Humber.
- The Major Trauma centre at the Hull Royal Infirmary serves the North Yorkshire and Humberside Major Trauma Network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15

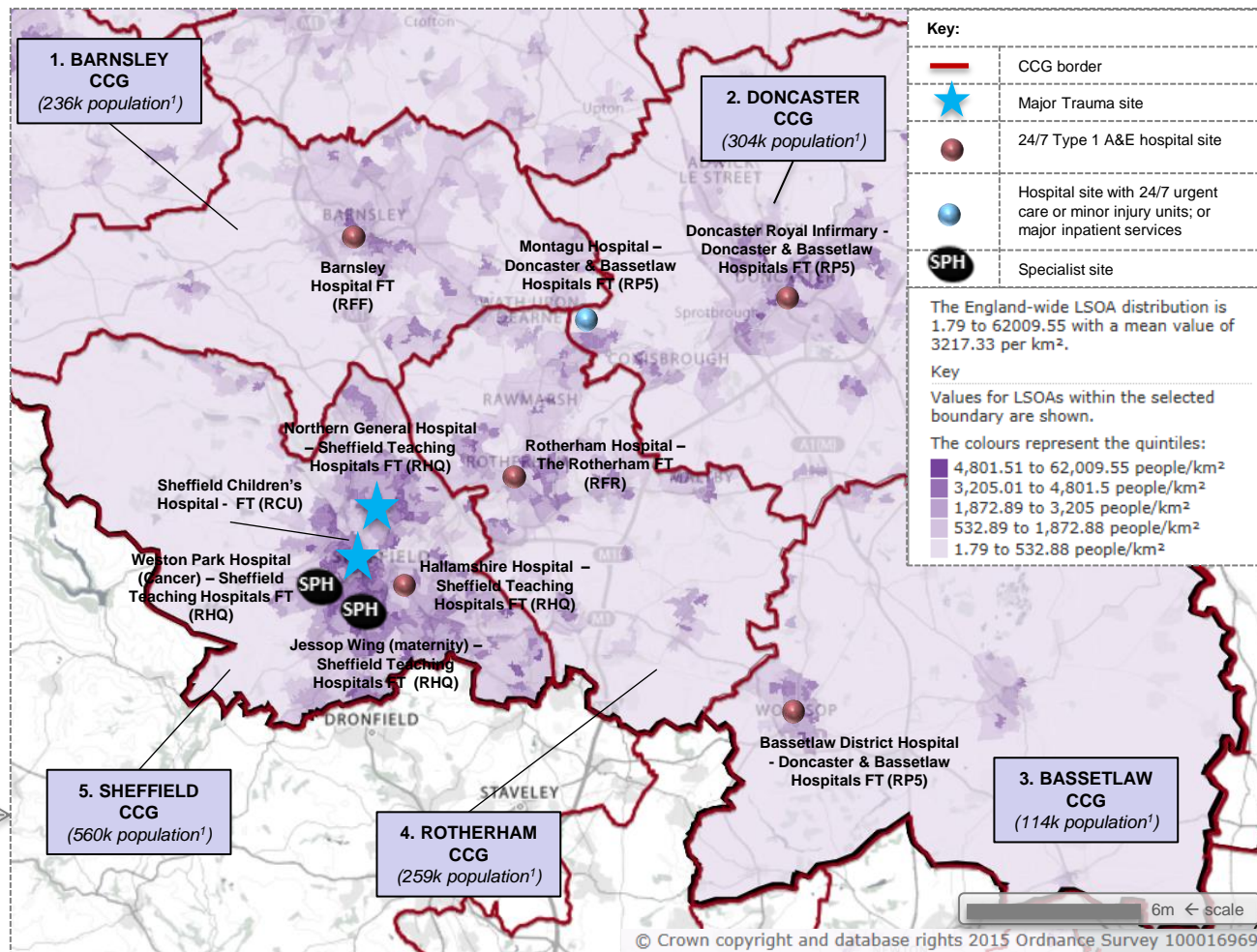


CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Vale of York	York Teaching Hospital NHS FT £441m	Humber NHS FT (£129m)	Hull Royal Infirmary MTC (Hull and East Yorkshire Hospitals)	Yorkshire Ambulance Service	
2. Scarborough and Ryedale					
3. Harrogate and Rural District	Harrogate And District NHS FT £183m				
4. East Riding of Yorkshire	Hull And East Yorkshire Hospitals NHS Trust £518m				
5. Hull					
6. North Lincolnshire	Northern Lincolnshire And Goole Hospitals NHS FT £334m				
7. North East Lincolnshire					

# Local area 7: South Yorkshire and Bassetlaw

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of South Yorkshire and Bassetlaw
- There are two Major Trauma Centres (one adult and one children's) in this area serving the South Yorkshire Trauma Network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Barnsley CCG	<ul style="list-style-type: none"> <li>Barnsley Hospital NHS FT</li> </ul>	£165m	<ul style="list-style-type: none"> <li>Rotherham, Doncaster and South Humber NHS FT</li> </ul>	<ul style="list-style-type: none"> <li>Yorkshire Ambulance</li> </ul>	<ul style="list-style-type: none"> <li>Sheffield Teaching Hospitals NHS FT</li> </ul>
2. Doncaster CCG	<ul style="list-style-type: none"> <li>Doncaster and Bassetlaw Hospitals NHS FT</li> </ul>	£350m			
3. Bassetlaw CCG					
4. Rotherham CCG	<ul style="list-style-type: none"> <li>The Rotherham NHS FT</li> </ul>	£232m			
5. Sheffield CCG	<ul style="list-style-type: none"> <li>Sheffield Teaching Hospitals NHS FT</li> <li>South West Yorkshire Partnership NHS FT</li> <li>Sheffield Children's NHS FT</li> </ul>	<ul style="list-style-type: none"> <li>£166m</li> <li>£229m</li> <li>£166m</li> </ul>			
26			<ul style="list-style-type: none"> <li>Sheffield Health and Social Care NHS FT (£128m)</li> <li>South West Yorkshire Partnership NHS FT (£229m)</li> <li>Rotherham, Doncaster and South Humber NHS FT (£155m)</li> </ul>		

# Appendix 3 Geographical map resources covering:

## Clinical Senate 3

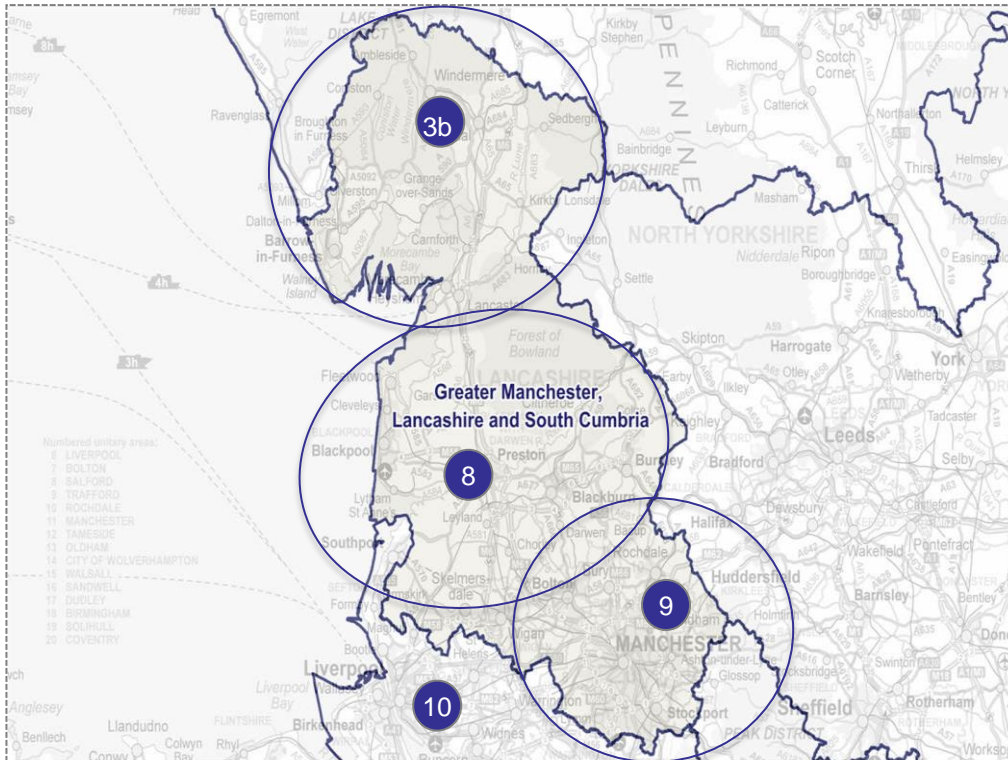
### Greater Manchester, Lancashire and South Cumbria

- This clinical senate contains local areas:
  - 3b. Cumbria South
  - 8. Lancashire
  - 9. Greater Manchester

# Clinical senate 3: Greater Manchester, Lancashire and South Cumbria

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

**Map A. Clinical senate**



**Total population of clinical senate: 4.1 million (as per mid 2013 ONS estimates)**

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

**Table B. Units of planning, CCGs and NHS Providers**

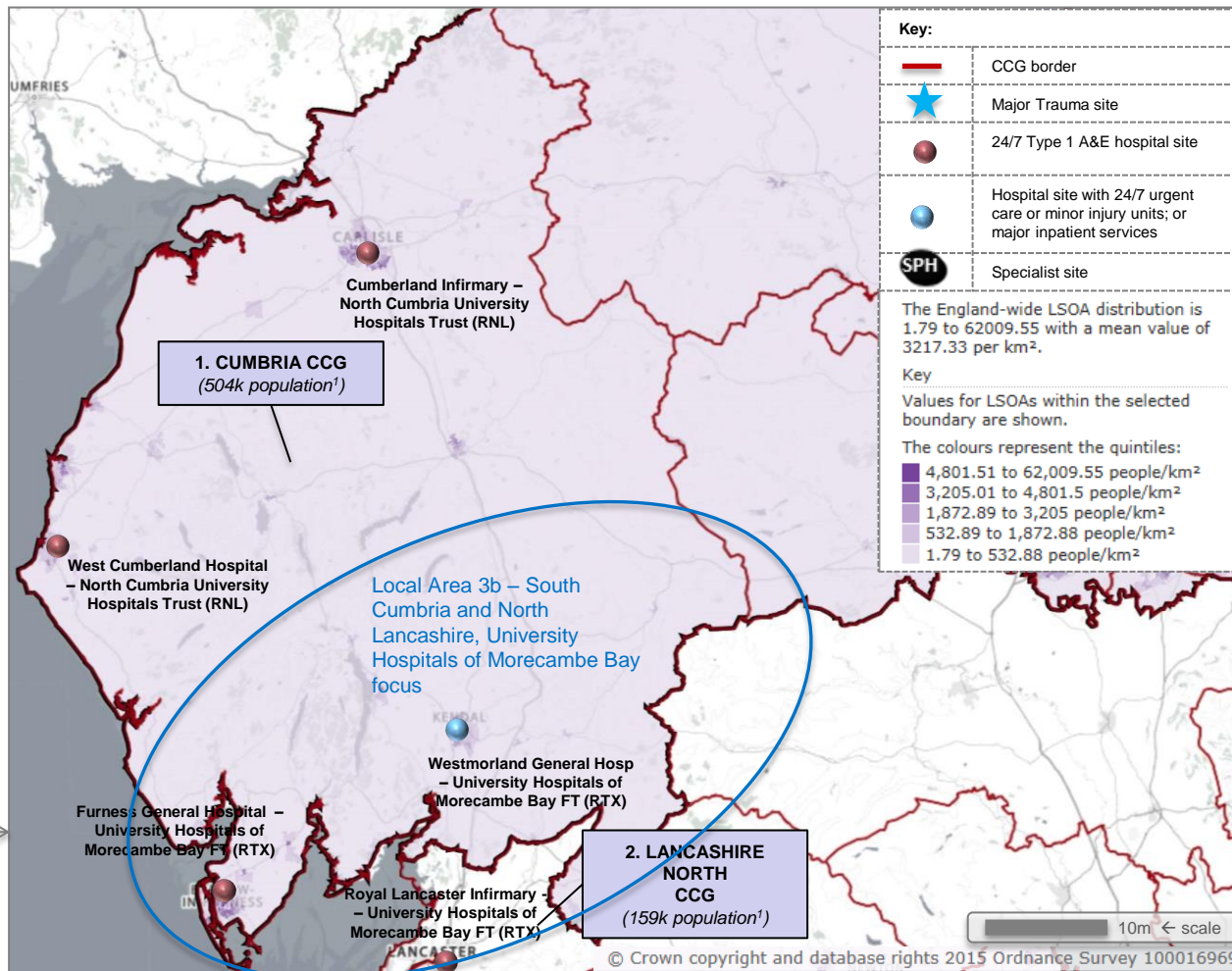
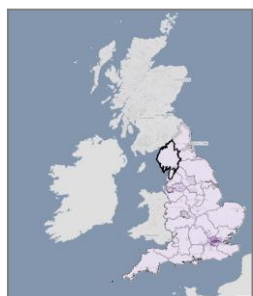
Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>3b. Cumbria (South) and Lancashire (North)</b>		
Cumbria	NHS Cumbria CCG	University Hospitals Of Morecambe Bay NHS FT
	NHS Lancashire North CCG	Cumbria Partnership NHS FT
<b>8. Lancashire</b>		
Fylde & Wyre	NHS Fylde & Wyre CCG	East Lancashire Hospitals NHS Trust
East Lancashire	NHS East Lancashire CCG	Blackpool Fylde and Wyre NHS FT
Blackpool	NHS Blackpool CCG	Lancashire Teaching Hospitals NHS FT
Blackburn with Darwen	NHS Blackburn with Darwen CCG	Lancashire Care NHS FT
Chorley & South Preston	NHS Greater Preston CCG	
Ribble and Greater	NHS Chorley and South Ribble CCG	
West Lancashire	NHS West Lancashire CCG	
<b>9. Greater Manchester</b>		
South Manchester	NHS South Manchester CCG	Manchester Mental Health and Social Care Trust
Stockport	NHS Stockport CCG	Central Manchester University Hospitals NHS FT
Tameside and Glossop	NHS Tameside and Glossop CCG	
Bolton	NHS Bolton CCG	Salford Royal NHS FT
Bury	NHS Bury CCG	Wrightington, Wigan and Leigh NHS FT
Central Manchester	NHS Central Manchester CCG	Royal Bolton Hospital NHS FT
Heywood, Middleton & Rochdale	NHS Heywood, Middleton & Rochdale CCG	Greater Manchester West MH NHS FT
North Manchester	NHS North Manchester CCG	Pennine Care NHS FT
Oldham	NHS Oldham CCG	Calderstones Partnership NHS FT
Salford	NHS Salford CCG	Tameside Hospital NHS FT
Trafford	NHS Trafford CCG	Pennine Acute Hospitals NHS Trust
Wigan Borough	NHS Wigan Borough CCG	Stockport NHS FT
		University Hospital Of South Manchester NHS FT
		Bridgewater Community Healthcare NHS FT
		Greater Manchester West MH NHS FT
		Christie Hospital NHS FT

# Local area 3b: South Cumbria and North Lancashire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Cumbria/Lancashire North.
- There are no Major Trauma centres in this local area but it is part of the Lancashire and South Cumbria Trauma Network. The trauma units at Furness General and Royal Lancaster are linked to the MTC at Royal Preston.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



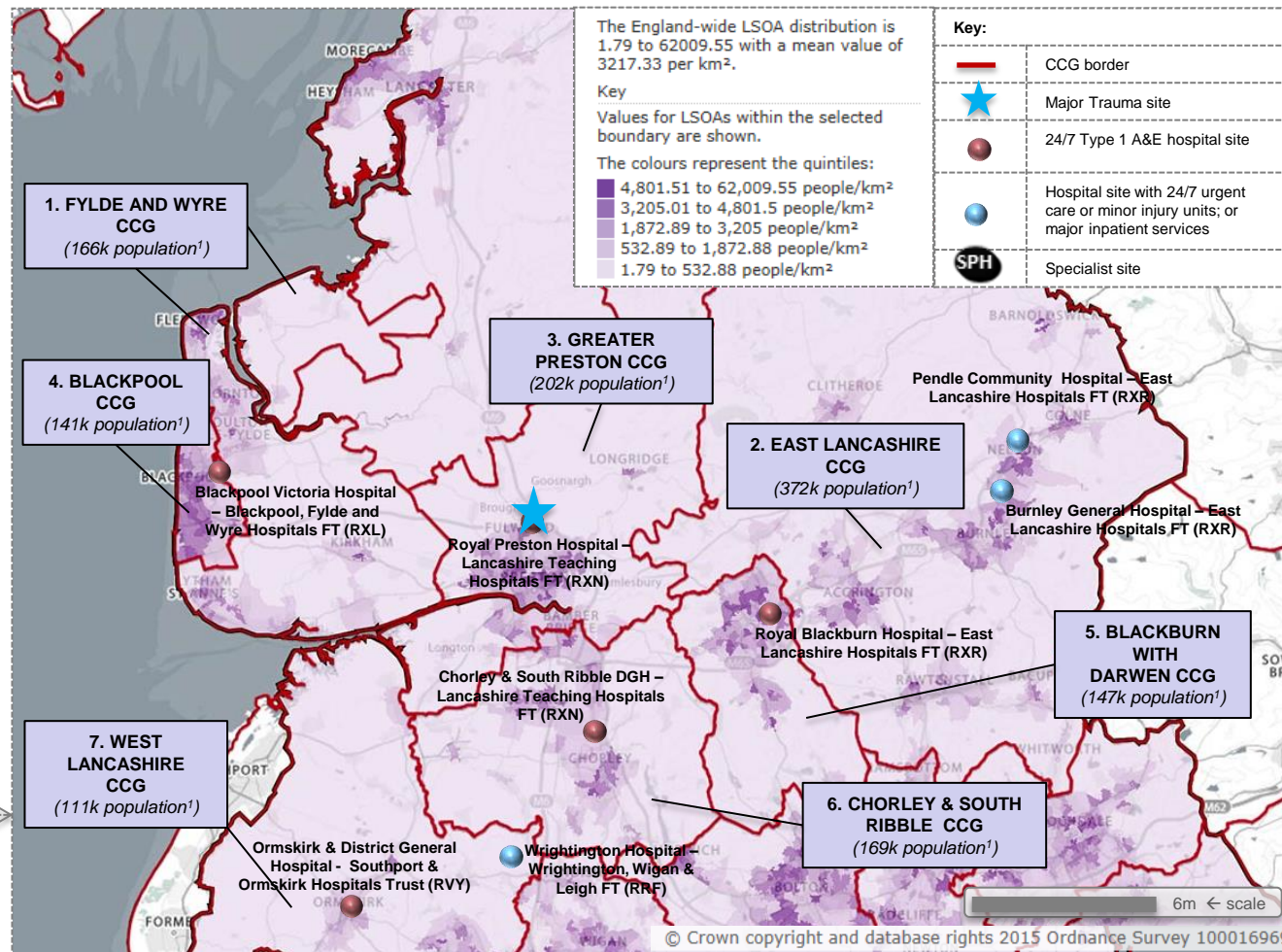
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National/Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Cumbria CCG	University Hospitals Of Morecambe Bay NHS FT £267m	Cumbria Partnership NHS FT (£171m)		Provided by both North East Ambulance service and North West Ambulance service	
2. Lancashire North CCG					

# Local area 8: Lancashire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Lancashire.
- The Major Trauma centre at the Lancashire Teaching Hospitals NHS FT is the Adult Major Trauma Centre for Lancashire and South Cumbria.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15 <sup>3</sup>Southport and Ormskirk have a major site in this local area, but receive the majority of their activity and income from the CCGs in local area 10

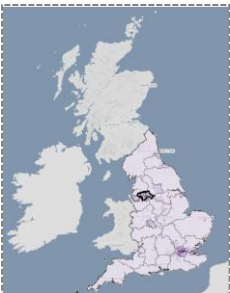


CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Fylde & Wyre CCG					
2. East Lancashire CCG	▪ East Lancashire Hospitals NHS Trust £421m	▪ Lancashire Care NHS FT (£314m)	▪ Lancashire Teaching Hospitals FT	▪ North West Ambulance service	▪ Lancashire Teaching Hospitals NHS FT
3. Greater Preston CCG	▪ Lancashire Teaching Hospitals NHS FT £418m		▪ Wrightington Hospital		▪ Southport & Ormskirk Hospital NHS Trust
4. Blackpool CCG	▪ Blackpool, Fylde and Wyre Hospitals NHS FT £359m				▪ Wrightington, Wigan & Leigh FT
5. Blackburn with Darwen CCG	▪ East Lancashire Hospitals NHS Trust £421m				
6. Chorley and South Ribble CCG	▪ Lancashire Teaching Hospitals NHS FT £418m				
7. West Lancashire CCG	▪ Southport & Ormskirk Hospital NHS Trust <sup>3</sup> £189m				
	▪ Wrightington, Wigan & Leigh FT £262m				

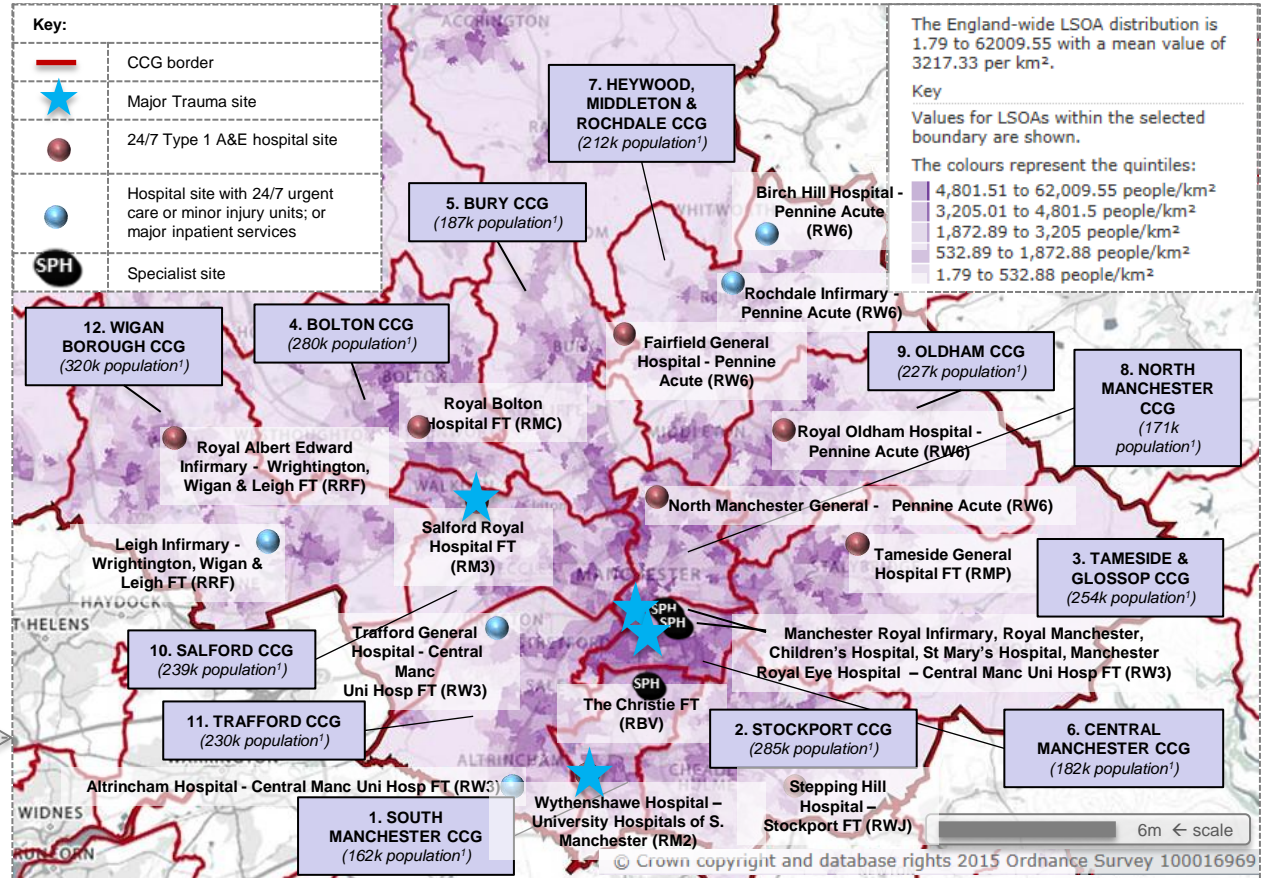
# Local area 9: Greater Manchester

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Greater Manchester.
- The Major Trauma Network in Manchester is Collaborative, with four centres providing different types of major trauma care to the whole of Greater Manchester.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>



Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. South Manchester CCG	<ul style="list-style-type: none"> <li>University Hospitals of South Manchester NHS FT £451m</li> <li>Christie Hospital NHS FT £222m</li> </ul>	<ul style="list-style-type: none"> <li>Greater Manchester West FT (£159m)</li> </ul>	<ul style="list-style-type: none"> <li>Collaborative across Manchester Royal Infirmary, Manchester Children's Hospital / Salford Royal / Wythenshawe Hospital.</li> <li><b>The Christie (Cancer)</b></li> </ul>	<ul style="list-style-type: none"> <li>North West Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>Central Manchester University Hospitals NHS FT</li> <li>Christie Hospital NHS FT</li> </ul>
2. Stockport CCG	<ul style="list-style-type: none"> <li>Stockport NHS FT £291m</li> </ul>	<ul style="list-style-type: none"> <li>Calderstones Partnership FT (£57m)</li> <li>Bridgewater Community Healthcare FT (£143m)</li> </ul>			
3. Tameside and Glossop CCG	<ul style="list-style-type: none"> <li>Tameside Hospital NHS FT £151m</li> </ul>				
4. Bolton CCG	<ul style="list-style-type: none"> <li>Bolton NHS FT £279m</li> </ul>				
5. Bury CCG	<ul style="list-style-type: none"> <li>Pennine Acute NHS Trust £575m</li> </ul>	<ul style="list-style-type: none"> <li>Community Healthcare FT (£143m)</li> </ul>			
6. Central Manchester CCG	<ul style="list-style-type: none"> <li>Central Manchester University Hospitals NHS FT £963m</li> </ul>	<ul style="list-style-type: none"> <li>Pennine Care FT (£273m)</li> </ul>			
7. Heywood, Middleton & Rochdale CCG	<ul style="list-style-type: none"> <li>Pennine Acute NHS Trust £575m</li> </ul>				
8. North Manchester CCG	<ul style="list-style-type: none"> <li>Pennine Acute NHS Trust £575m</li> </ul>	<ul style="list-style-type: none"> <li>Manchester Mental Health and Social Care Trust</li> </ul>			
9. Oldham CCG	<ul style="list-style-type: none"> <li>Pennine Acute NHS Trust £575m</li> </ul>				
10. Salford CCG	<ul style="list-style-type: none"> <li>Salford Royal NHS FT £475m</li> </ul>				
11. Trafford CCG	<ul style="list-style-type: none"> <li>Central Manchester University Hospitals NHS FT £963m</li> </ul>				
12. Wigan Borough CCG	<ul style="list-style-type: none"> <li>Wrightington, Wigan and Leigh FT £262m</li> </ul>				

# Appendix 3 Geographical map resources covering:

## Clinical Senate 4

### Cheshire and Merseyside

- This clinical senate contains local areas:
  - 10. Merseyside
  - 11. Cheshire, Warrington and Wirral



# Clinical senate 4: Cheshire and Merseyside

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 2.4 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

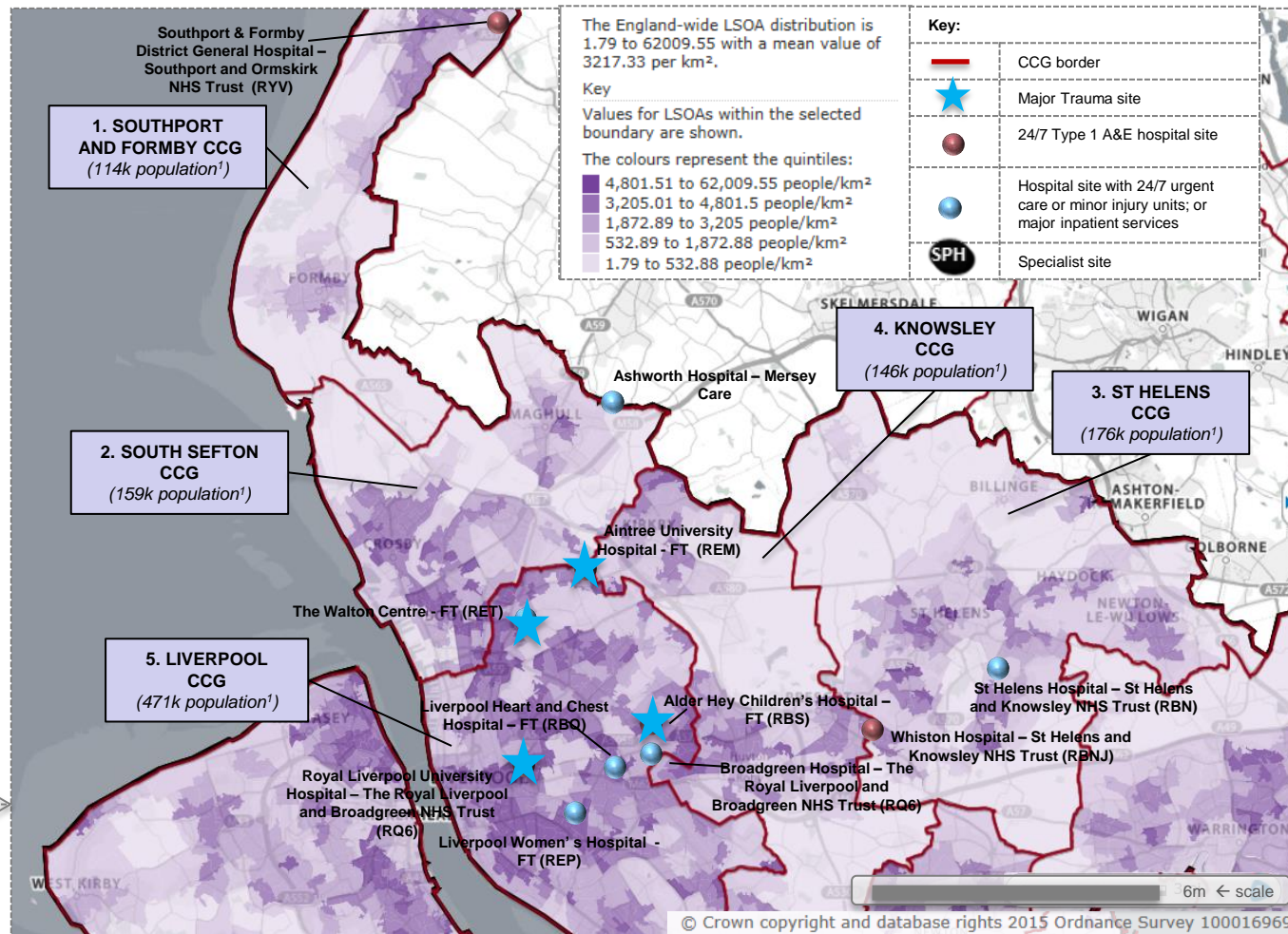
Table B. Units of planning, CCGs and NHS Providers

Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>10. Merseyside</b>		
South Sefton	NHS South Sefton CCG	Liverpool Community Health NHS Trust
Southport and Formby	NHS Southport and Formby CCG	Mersey Care NHS Trust
Knowsley	NHS Knowsley CCG	The Clatterbridge Cancer Centre NHS FT
Liverpool	NHS Liverpool CCG	The Walton Centre NHS FT
St Helens	NHS St Helens CCG	Aintree University Hospital NHS FT
		Royal Liverpool and Broadgreen University Hospitals NHS Trust
		Alder Hey Children's NHS FT
		Liverpool Heart and Chest NHS FT
		Liverpool Women's Hospital NHS FT
		5 Boroughs Partnership NHS FT
		Southport and Ormskirk Hospital NHS Trust
		St Helens and Knowsley Hospitals NHS Trust
<b>11. Cheshire, Warrington and Wirral</b>		
Halton	NHS Halton CCG	Warrington and Halton Hospitals NHS FT
Cheshire	NHS South Cheshire CCG	Countess Of Chester Hospital NHS FT
	NHS Vale Royal CCG	The Mid Cheshire NHS FT
West Cheshire	NHS West Cheshire CCG	Wirral University Teaching Hospital NHS FT
Warrington	NHS Warrington CCG	
Wirral	NHS Wirral CCG	Cheshire and Wirral Partnership NHS FT
Eastern Cheshire	NHS Eastern Cheshire CCG	East Cheshire NHS Trust RY7 Wirral Community NHS Trust

# Local area 10: Merseyside

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Merseyside.
- There are four collaborative Major Trauma centres in this local area, part of the Merseyside and Cheshire Collaborative Major Trauma Network which extends into Cheshire (and Lancashire and Cumbria for children)
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:  
<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



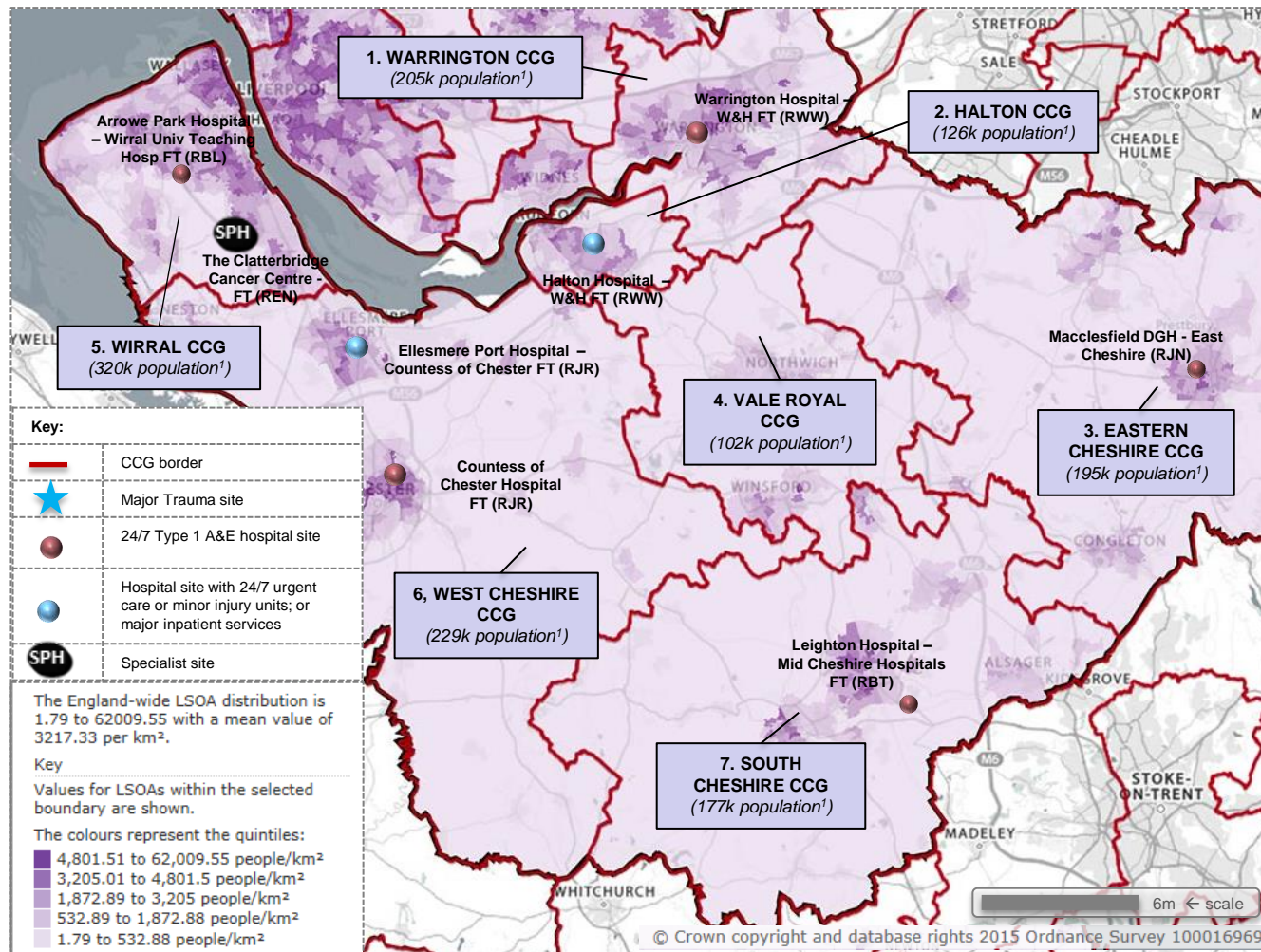
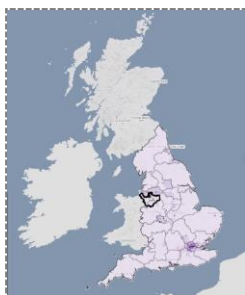
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Southport and Formby CCG	<ul style="list-style-type: none"> <li>Southport &amp; Ormskirk Hospital NHS Trust</li> </ul>	£189m	<ul style="list-style-type: none"> <li>Mersey Care NHS Trust (£207m)</li> </ul>	<ul style="list-style-type: none"> <li>North West Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>Southport &amp; Ormskirk Hospital FT</li> <li>Liverpool Heart &amp; Chest Hospital FT</li> <li>Alder Hey FT</li> <li>The Walton Centre FT</li> <li>5 Boroughs FT</li> <li>Mersey Care</li> </ul>
2. South Sefton CCG					
3. St Helens CCG	<ul style="list-style-type: none"> <li>St Helens And Knowsley Hospitals NHS Trust</li> </ul>	£300m	<ul style="list-style-type: none"> <li>Aintree University Hospitals FT (MTC)</li> <li>Royal Liverpool and Broadgreen (MTC)</li> <li>Alder Hey Children's NHS FT (MTC)</li> <li>The Walton Centre NHS FT (MTC)</li> <li>Liverpool Heart &amp; Chest Hospital NHS FT</li> <li>Liverpool Women's NHS FT</li> </ul>		
4. Knowsley CCG					
5. Liverpool CCG	<ul style="list-style-type: none"> <li>Aintree University Hospitals FT</li> <li>Royal Liverpool and Broadgreen NHS Trust</li> </ul>	£292m £461m			

# Local area 11: Cheshire, Warrington and Wirral

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Cheshire, Warrington and Wirral.
- There are no Major Trauma centres in the area, trauma units are linked to either the Cheshire and Merseyside, Greater Manchester or North West Midlands and North Wales networks.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Warrington CCG	Warrington And Halton Hospitals NHS FT £214m	Cheshire and Wirral Partnership NHS FT (£156m) Wirral Community NHS Trust (£67m)	The Clatterbridge Cancer Centre	Ambulance services provided by North West Ambulance service	
2. Halton CCG					
3. Eastern Cheshire CCG	East Cheshire NHS Trust £180m				
4. Vale Royal CCG					
5. Wirral CCG	Wirral University Teaching Hospital NHS FT £300m				
6. West Cheshire CCG	Countess of Chester Hospital FT £207m				
7. South Cheshire CCG	Mid Cheshire Hospitals FT £190m				

# Appendix 3 Geographical map resources covering:

## Clinical Senate 5

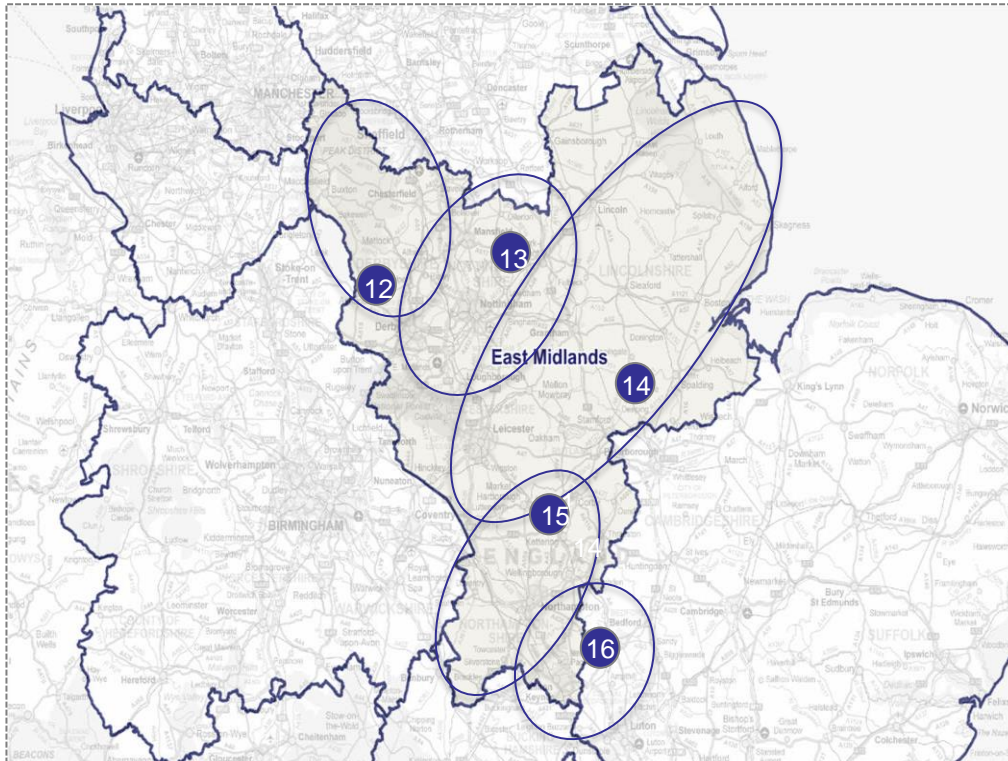
### East Midlands

- This clinical senate contains local areas:
  - 12. Derbyshire
  - 13. Nottinghamshire
  - 14. Leicestershire and Lincolnshire
  - 15. Northamptonshire
  - 16. Milton Keynes and Bedford

# Clinical senate 5: East Midlands

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 4.0 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

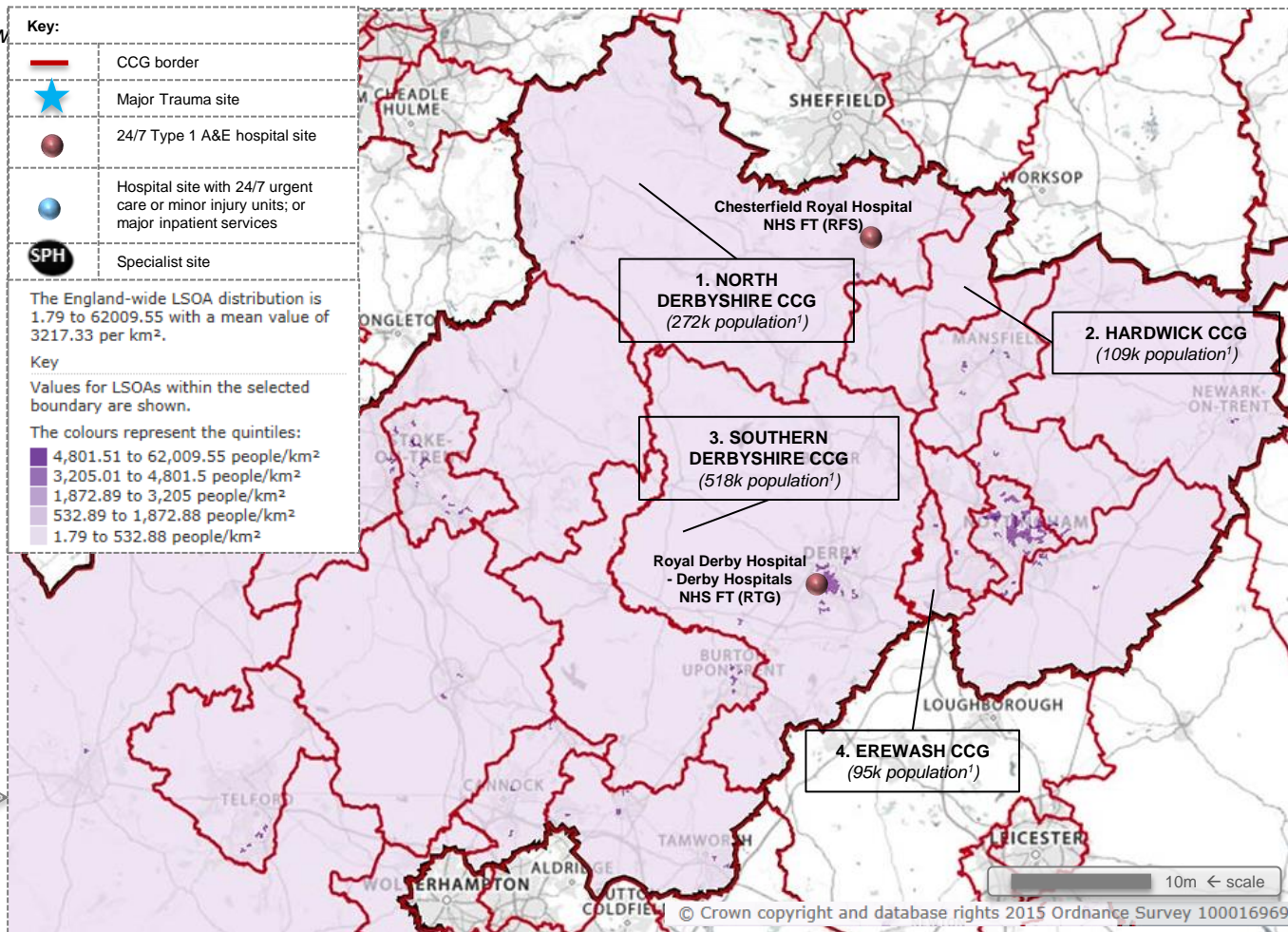
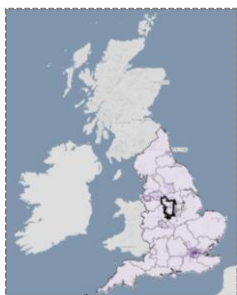
Table B. Units of planning, CCGs and NHS Providers

Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>12. Derbyshire</b>		
North Derbyshire	NHS Hardwick CCG NHS Derbyshire CCG	Derby Hospitals NHS FT Chesterfield Royal Hospital NHS FT
Southern Derbyshire	NHS Erewash CCG NHS Southern Derbyshire CCG	Derbyshire Healthcare NHS FT Derbyshire Community Health Services NHS Trust
<b>13. Nottinghamshire</b>		
Mid Nottinghamshire	NHS Mansfield & Ashfield CCG NHS Newark & Sherwood CCG	Sherwood Forest Hospitals NHS FT Nottingham University Hospitals NHS Trust
South Nottinghamshire	NHS Nottingham City CCG NHS Nottingham North & East CCG NHS Nottingham West CCG NHS Rushcliffe CCG	Nottinghamshire Healthcare NHS FT
<b>14. Leicestershire and Lincolnshire</b>		
Leicestershire	NHS East Leicestershire and Rutland CCG NHS Leicester City CCG NHS West Leicestershire CCG	Leicestershire Partnership NHS Trust Lincolnshire Partnership NHS FT United Lincolnshire Hospitals NHS Trust University Hospitals Of Leicester NHS Trust
Lincolnshire	NHS Lincolnshire East CCG NHS Lincolnshire West CCG NHS South West Lincolnshire CCG NHS South Lincolnshire CCG	Lincolnshire Community Health Services NHS Trust
<b>15. Northamptonshire</b>		
Northamptonshire	NHS Corby CCG NHS Nene CCG	Kettering General Hospital NHS FT Northamptonshire Healthcare NHS FT Northampton General Hospital NHS Trust
<b>16. Milton Keynes and Bedfordshire</b>		
Bedfordshire	NHS Bedfordshire CCG	Bedford Hospital NHS Trust
Milton Keynes	NHS Milton Keynes CCG	Milton Keynes Hospital NHS FT

# Local area 12: Derbyshire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Derbyshire.
- There is no Major Trauma centre within this local area. Derbyshire's trauma units are networked to the Major Trauma Centre at Queen's Medical Centre in Nottingham.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:  
<https://shape.phe.org.uk/>

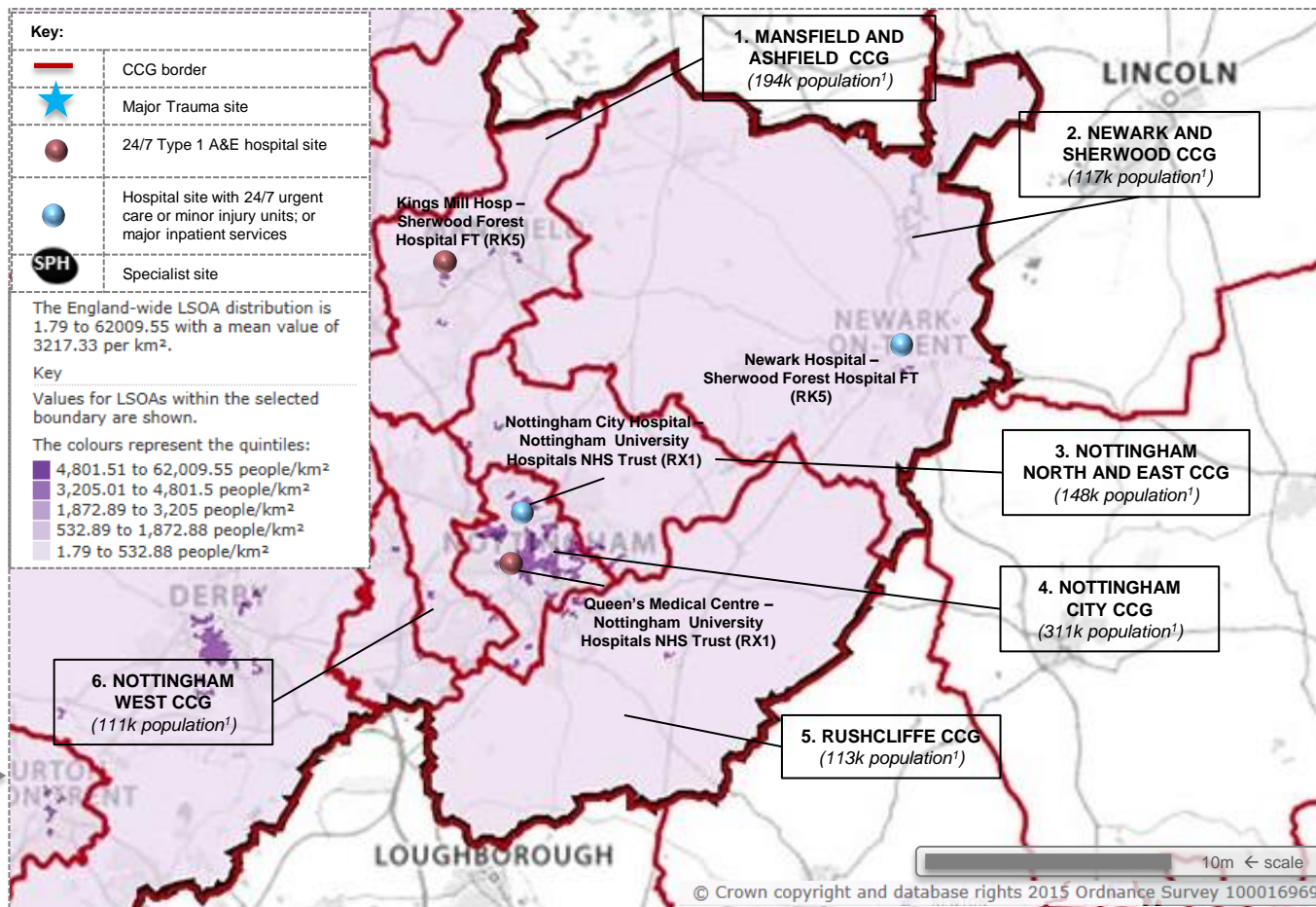
Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/ Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. North Derbyshire CCG	<ul style="list-style-type: none"> <li>Chesterfield Royal Hospital NHS FT</li> <li>£204m</li> </ul>	<ul style="list-style-type: none"> <li>Derbyshire Healthcare FT (£127m)</li> </ul>		<ul style="list-style-type: none"> <li>East Midlands Ambulance Service</li> </ul>	
2. Hardwick CCG					
3. Southern Derbyshire CCG	<ul style="list-style-type: none"> <li>Derby Hospitals NHS FT</li> <li>£475m</li> </ul>	<ul style="list-style-type: none"> <li>Derbyshire Community Services NHS FT (£159m)</li> </ul>			
4. Erewash CCG					

# Local area 13: Nottinghamshire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Nottinghamshire.
- The Major Trauma centre at the Queen's Medical Centre serves the East Midlands Trauma Network, which extends into Derbyshire, Lincolnshire and Leicestershire.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:  
<https://shape.phe.org.uk/>



Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15

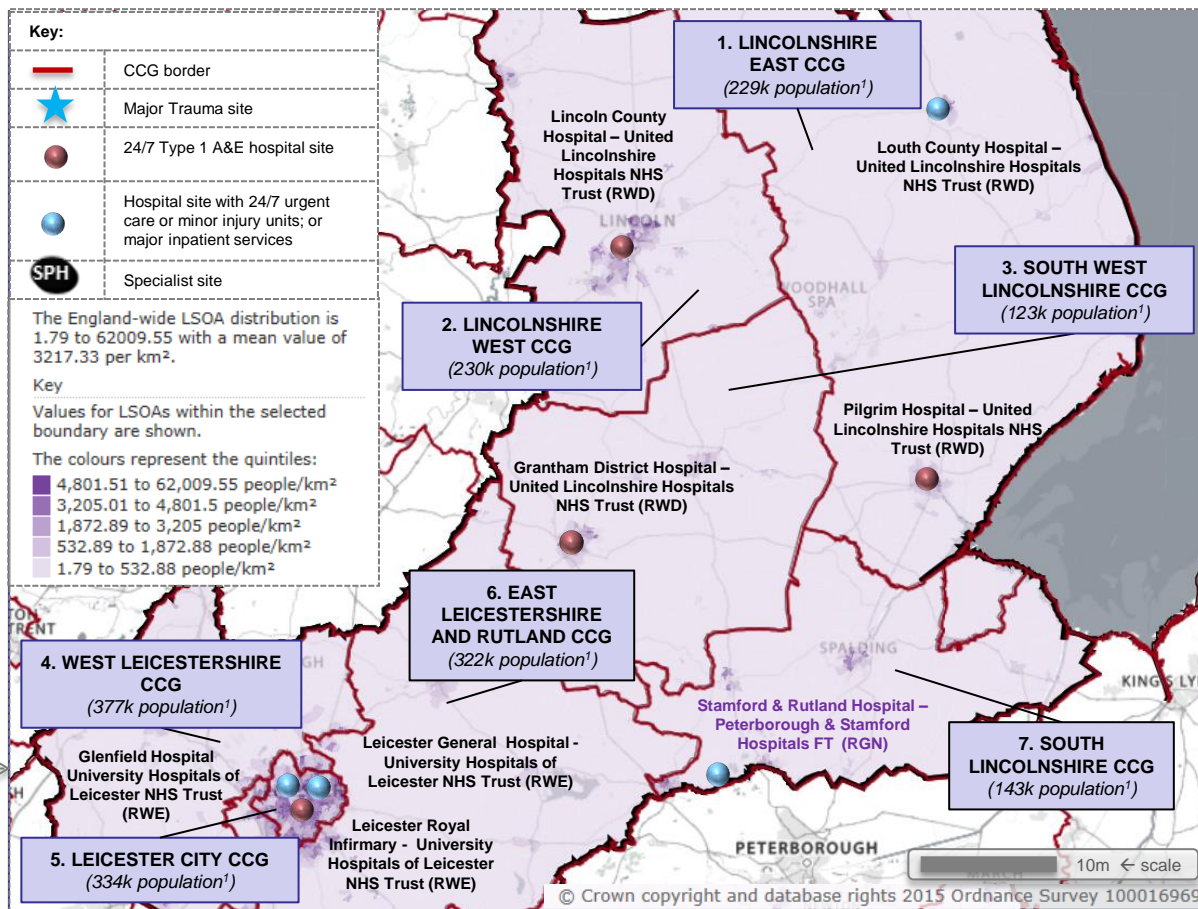
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/ Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Mansfield and Ashfield CCG	▪ Sherwood Forest Hospitals NHS FT £255m	▪ Nottinghamshire Healthcare FT (£444m)	▪ Queen's Medical Centre MTC (Nottingham University Hospitals NHS Trust)	▪ East Midlands Ambulance Service	▪ Nottinghamshire Healthcare FT ▪ Nottingham University Hospitals NHS Trust
2. Newark and Sherwood CCG	▪ Sherwood Forest Hospitals NHS FT £255m				
3. Nottingham North and East CCG					
4. Nottingham City CCG	▪ Nottingham University Hospitals NHS Trust £878m				
5. Rushcliffe CCG					
6. Nottingham West CCG					

# Local area 14: Leicestershire and Lincolnshire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Leicestershire and Lincolnshire.
- There is no Major Trauma Centre within this local area. The trauma units are networked to Queen's Medical Centre Major Trauma Centre in Nottingham.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/ Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Lincolnshire East CCG	<ul style="list-style-type: none"> <li>United Lincolnshire Hospitals NHS Trust £440m</li> </ul>	<ul style="list-style-type: none"> <li>Leicestershire Partnership NHS Trust (£267m)</li> </ul>	n/a	East Midlands Ambulance Service	Peterborough and Stamford Hospitals FT
2. Lincolnshire West CCG	<ul style="list-style-type: none"> <li>United Lincolnshire Hospitals NHS Trust £440m</li> </ul>	<ul style="list-style-type: none"> <li>Lincolnshire Community Health Services NHS Trust (£112m)</li> </ul>			University Hospitals of Leicester NHS Trust
3. South West Lincolnshire CCG	<ul style="list-style-type: none"> <li>United Lincolnshire Hospitals NHS Trust £440m</li> </ul>	<ul style="list-style-type: none"> <li>Lincolnshire Partnership FT (£106m)</li> </ul>			
4. West Leicestershire CCG	n/a				
5. Leicester City CCG	<ul style="list-style-type: none"> <li>University Hospitals of Leicester NHS Trust £823m</li> </ul>				
6. East Leicestershire & Rutland CCG	n/a				
7. South Lincolnshire CCG	n/a				

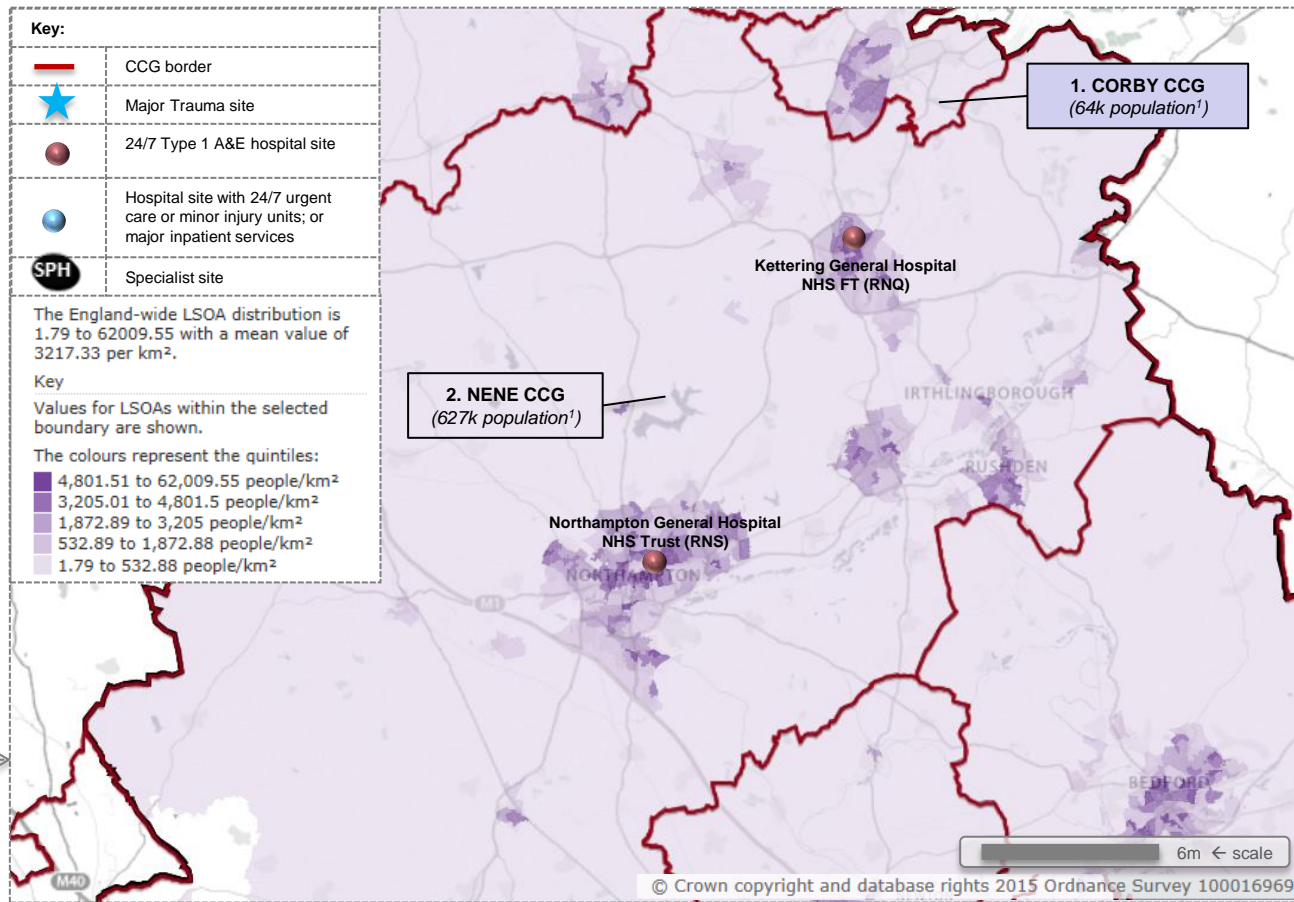


# Local area 15: Northamptonshire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Northamptonshire.
- There is no Major Trauma Centre within this local area. The trauma units are networked to University Hospital Coventry Major Trauma Centre.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15

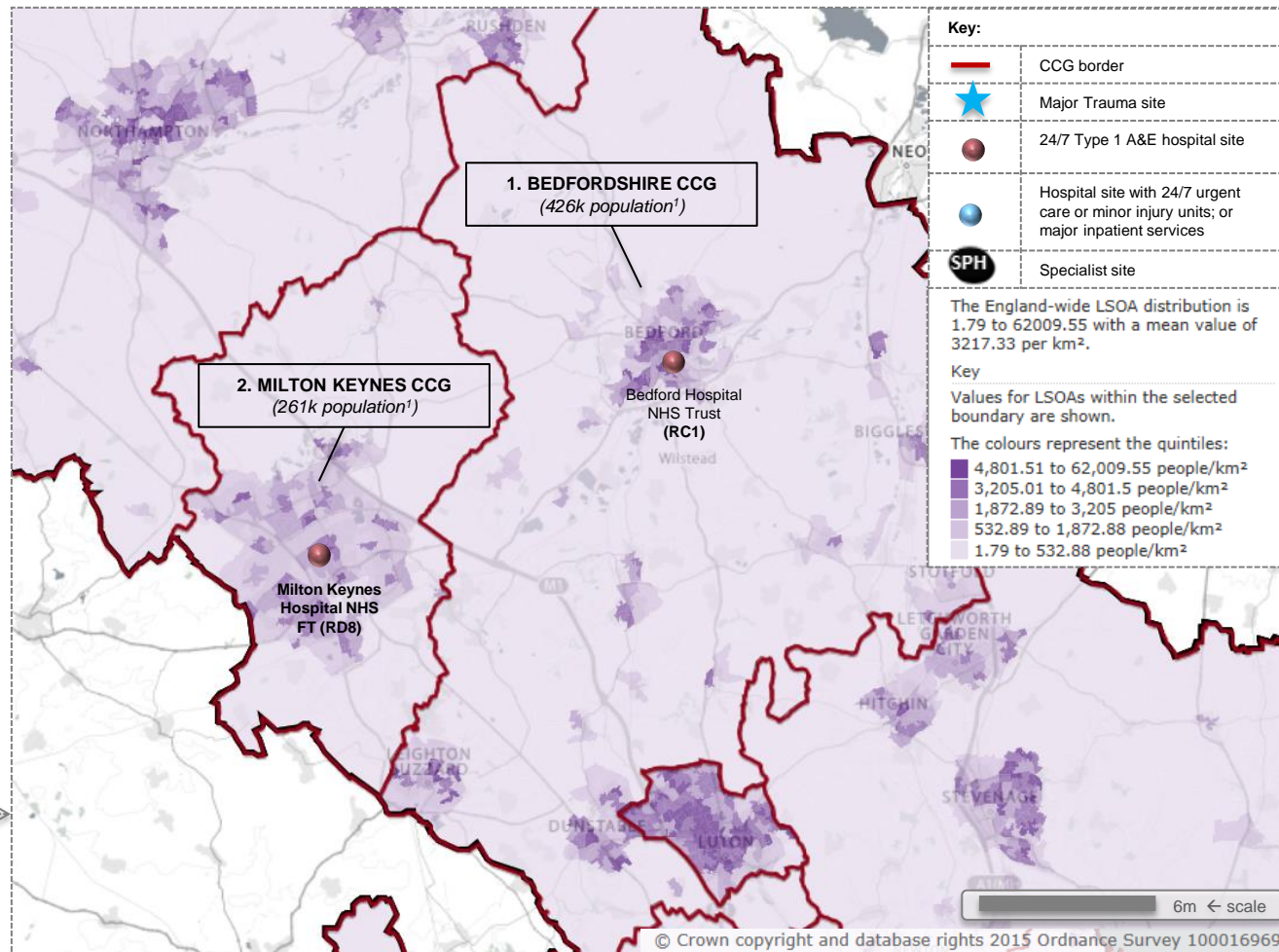


CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/ Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Corby CCG					
2. Nene CCG	<ul style="list-style-type: none"> <li>▪ Kettering General Hospital NHS FT £197m</li> <li>▪ Northampton General Hospital NHS Trust £268m</li> </ul>	<ul style="list-style-type: none"> <li>▪ Northamptonshire Healthcare NHS FT (£181m)</li> </ul>		<ul style="list-style-type: none"> <li>▪ East Midlands Ambulance Service</li> </ul>	

# Local area 16: Milton Keynes and Bedford

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Milton Keynes and Bedford.
- There is no Major Trauma Centre within this local area. The trauma units are networked to Oxford University Hospitals Major Trauma Centre.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:  
<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Bedfordshire CCG	<ul style="list-style-type: none"> <li>Bedford Hospital NHS Trust £163m</li> </ul>				
2. Milton Keynes CCG	<ul style="list-style-type: none"> <li>Milton Keynes Hospital NHS FT £171m</li> </ul>			<ul style="list-style-type: none"> <li>Provided by East Midlands Ambulance</li> </ul>	

# Appendix 3 Geographical map resources covering:

## Clinical Senate 6

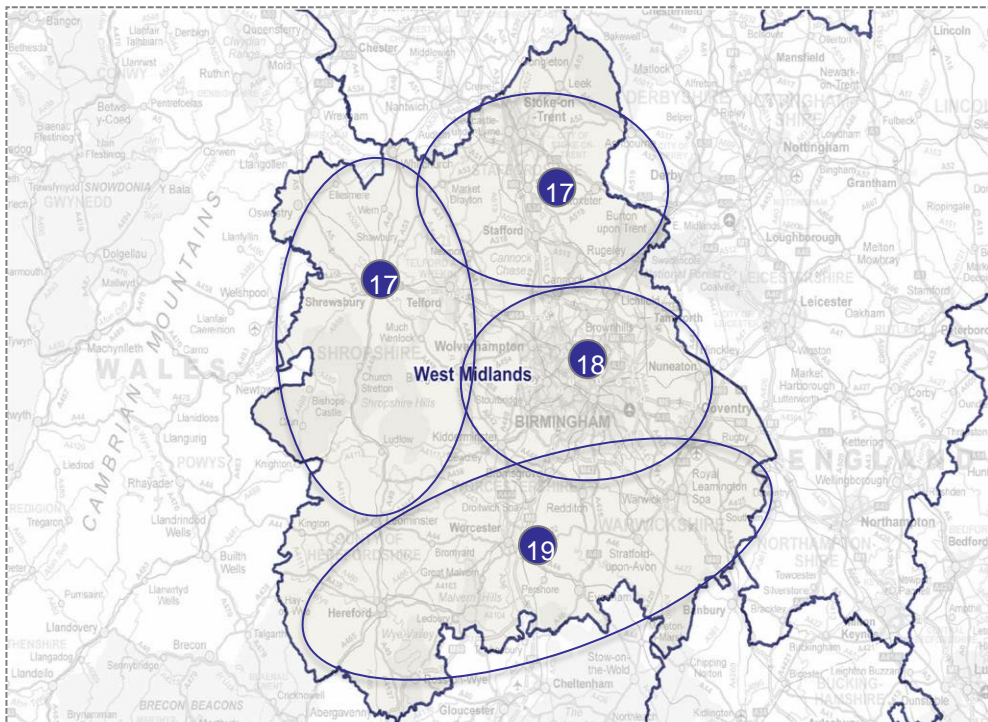
### West Midlands

- This clinical senate contains local areas:
  - 17. Shropshire and Staffordshire
  - 18. Birmingham and the Black Country
  - 19. Arden, Herefordshire and Worcestershire

# Clinical senate 6 – West Midlands

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

## Map A. Clinical senate



**Total population of clinical senate: 5.7 million (as per mid 2013 ONS estimates)**

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

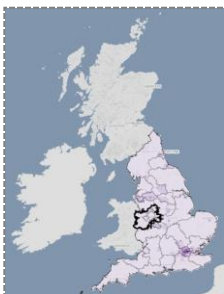
**Table B. Units of planning, CCGs and NHS Providers**

Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>17. Shropshire and Staffordshire</b>		
Staffordshire	NHS South East Staffs and Seisdon and Peninsular CCG	<ul style="list-style-type: none"> <li>Burton Hospitals NHS FT</li> <li>South Staffordshire Healthcare NHS FT</li> </ul>
	NHS Cannock Chase CCG	<ul style="list-style-type: none"> <li>North Staffordshire Combined Healthcare NHS Trust</li> </ul>
	NHS Stafford and Surrounds CCG	<ul style="list-style-type: none"> <li>Shrewsbury and Telford Hospital NHS Trust</li> </ul>
	NHS East Staffordshire CCG	<ul style="list-style-type: none"> <li>Staffordshire and Stoke On Trent Partnership NHS Trust</li> </ul>
	NHS Stoke on Trent CCG	<ul style="list-style-type: none"> <li>University Hospitals Of North Midlands NHS Trust</li> </ul>
Shropshire and Telford and Wrekin	NHS Shropshire CCG	<ul style="list-style-type: none"> <li>Shropshire Community Health NHS Trust</li> </ul>
	NHS Telford & Wrekin CCG	<ul style="list-style-type: none"> <li>Robert Jones And Agnes Hunt Orthopaedic Hospital NHS FT</li> </ul>
<b>18. Birmingham and the Black Country</b>		
Birmingham, Solihull and Sandwell	NHS Birmingham Cross City CCG	<ul style="list-style-type: none"> <li>Dudley and Walsall Mental Health Partnership NHS Trust</li> </ul>
	NHS Birmingham South and Central CCG	<ul style="list-style-type: none"> <li>University Hospital Birmingham NHS FT</li> <li>Heart Of England NHS FT</li> </ul>
	NHS Solihull CCG	<ul style="list-style-type: none"> <li>The Dudley Group NHS FT</li> </ul>
	NHS Sandwell and West Birmingham CCG	<ul style="list-style-type: none"> <li>Birmingham and Solihull Mental Health NHS FT</li> <li>Sandwell and West Birmingham Hospitals NHS Trust</li> </ul>
Dudley	NHS Dudley CCG	<ul style="list-style-type: none"> <li>The Royal Wolverhampton NHS Trust</li> </ul>
Walsall	NHS Walsall CCG	<ul style="list-style-type: none"> <li>Walsall Healthcare NHS Trust</li> </ul>
Wolverhampton	NHS Wolverhampton CCG	<ul style="list-style-type: none"> <li>Birmingham Community Healthcare NHS Trust</li> <li>Birmingham Children's Hospital NHS Trust</li> <li>Black Country Partnership NHS FT</li> <li>Birmingham Women's NHS FT</li> <li>Royal Orthopaedic Hospital NHS FT</li> </ul>
<b>19. Arden, Herefordshire and Worcestershire</b>		
Arden	NHS Coventry and Rugby CCG	<ul style="list-style-type: none"> <li>Coventry and Warwickshire Partnership NHS Trust</li> </ul>
	NHS Warwickshire North CCG	<ul style="list-style-type: none"> <li>George Eliot Hospital NHS Trust</li> </ul>
	NHS South Warwickshire CCG	<ul style="list-style-type: none"> <li>South Warwickshire NHS FT</li> </ul>
Herefordshire Worcestershire	NHS Herefordshire CCG	<ul style="list-style-type: none"> <li>University Hospitals Coventry and Warwickshire NHS Trust</li> </ul>
	NHS Redditch and Bromsgrove CCG	<ul style="list-style-type: none"> <li>Worcestershire Acute Hospitals NHS Trust</li> </ul>
	NHS South Worcestershire CCG	<ul style="list-style-type: none"> <li>Worcestershire Health and Care NHS Trust</li> </ul>
	NHS Wyre Forest CCG	<ul style="list-style-type: none"> <li>Wye Valley NHS Trust</li> </ul>

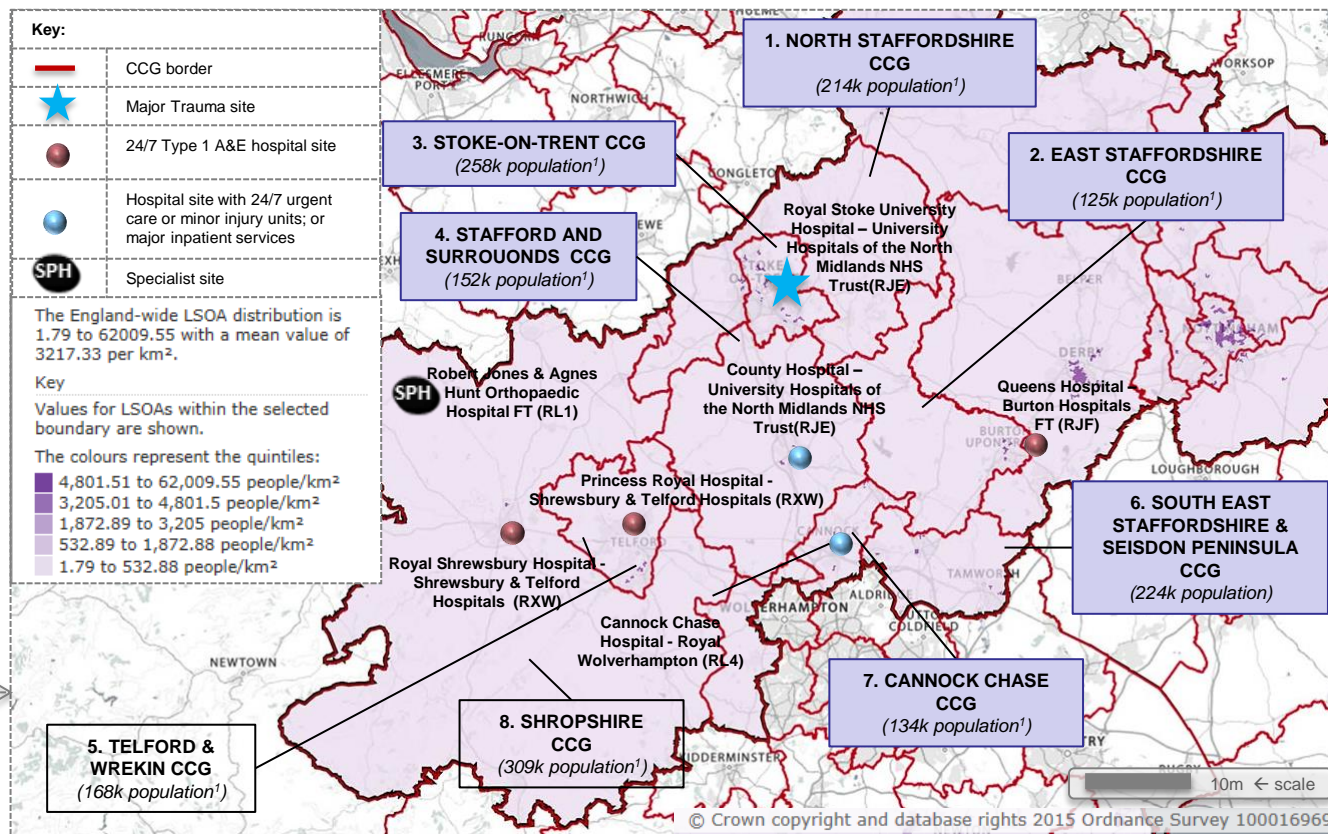
# Local area 17: Shropshire and Staffordshire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Shropshire and Staffordshire.
- The Major Trauma centre at the Royal Stoke University Hospital serves the North West Midlands and North Wales Trauma Network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>



Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15  
<sup>3</sup>Royal Wolverhampton have a major site in this local area, but receive the majority of their activity and income from the CCGs in local area 18  
<sup>4</sup>Burton receive the majority of income and activity from CCGs within this local area but also significant flows from Derbyshire (Local area 12)



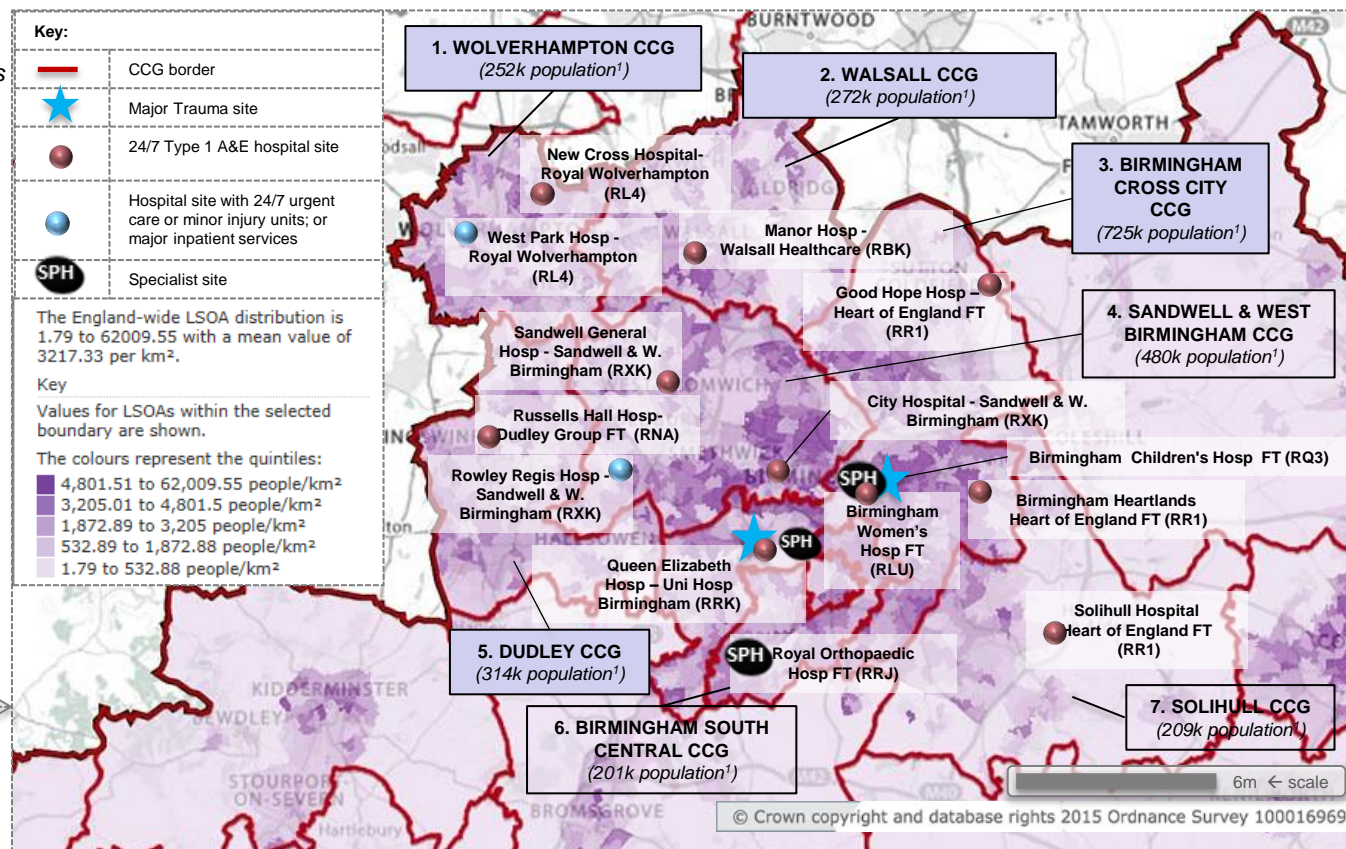
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. North Staffordshire CCG	Shrewsbury and Telford Hospital NHS Trust £317m	North Staffordshire Combined Healthcare NHS Trust (£76m)	Royal Stoke University Hospital (University Hospitals of North Midlands – Major Trauma Centre	Ambulance services provided by West Midlands	Royal Wolverhampton NHS Trust
2. East Staffordshire CCG	Burton Hospitals NHS FT <sup>4</sup> £179m	Shropshire Community Health NHS Trust (£74m)	University Hospitals of North Midlands – Major Trauma Centre	Ambulance service	Burton Hospitals NHS FT
3. Stoke-on-Trent CCG	University Hospitals of North Midlands NHS Trust £521m	Shropshire and Shropshire Healthcare NHS FT (£178m)	Robert Jones & Agnes Hunt Orthopaedic Hospital - Orthopaedic		University Hospitals of North Midlands NHS Trust
4. Stafford & Surrounds CCG	Shrewsbury and Telford Hospital NHS Trust £317m	Staffordshire and Stoke-on-Trent Partnership NHS Trust (£370m)			
5. Telford & Wrekin CCG	Shrewsbury and Telford Hospital NHS Trust £317m				
6. South East Staffordshire & Seisdon Peninsula CCG	Shrewsbury and Telford Hospital NHS Trust £317m				
7. Cannock Chase CCG	Royal Wolverhampton NHS Trust £442m				
8. Shropshire CCG	Robert Jones & Agnes Hunt Orthopaedic Hospital NHS FT £90m				

# Local area 18: Birmingham and the Black Country

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Birmingham and the black country.
- The Major Trauma centres (for adults and children respectively) are located at Queen Elizabeth Hospital (University Hospitals Birmingham) and Birmingham Children's Hospital They are the hubs of the Birmingham, Black Country, Hereford and Worcester Trauma Network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>



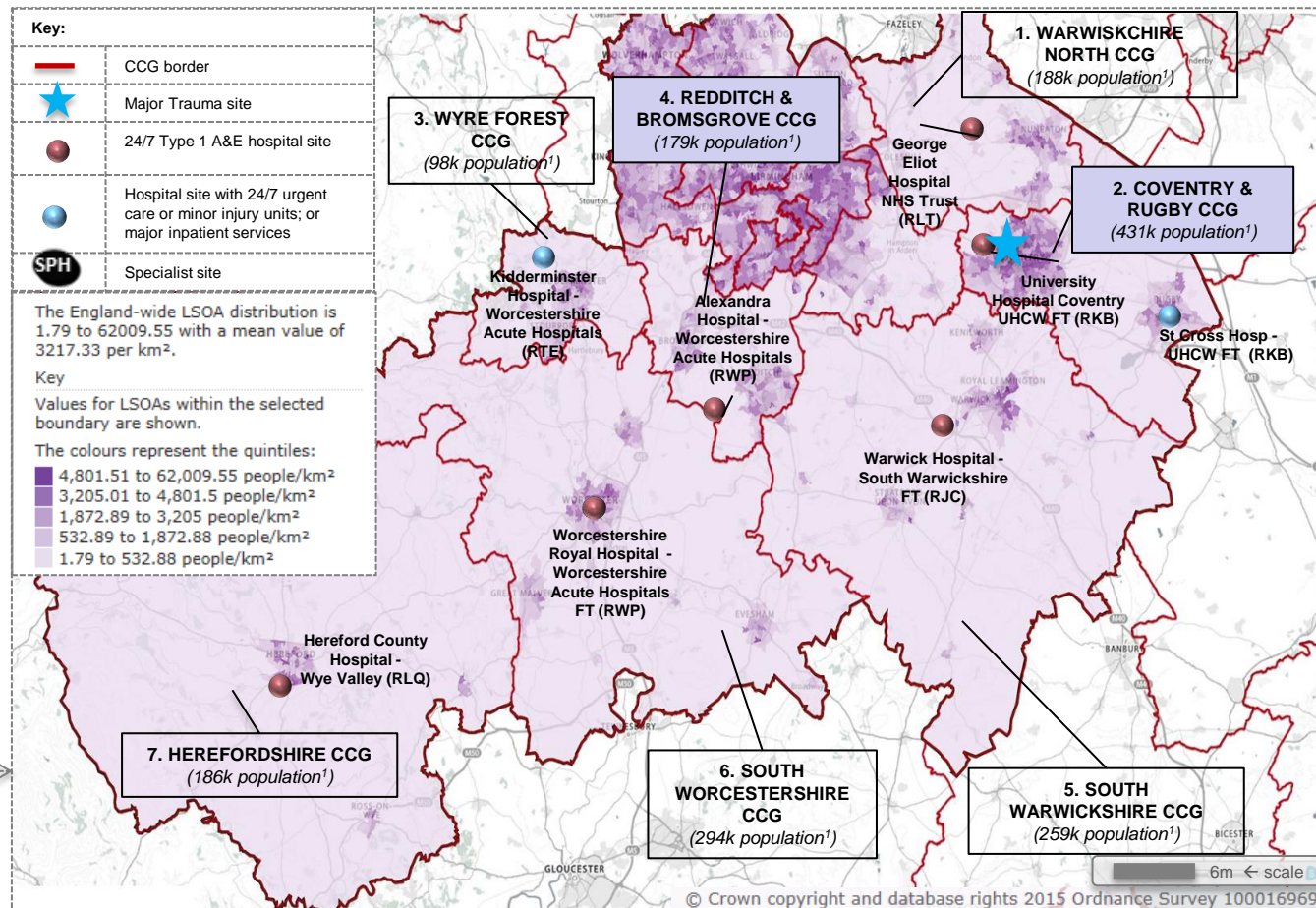
Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Wolverhampton CCG	<ul style="list-style-type: none"> <li>The Royal Wolverhampton NHS Trust £442m</li> </ul>	<ul style="list-style-type: none"> <li>Birmingham and Solihull Mental Health NHS FT (£248m)</li> <li>The Black Country Partnership NHS FT (£99m)</li> <li>Dudley and Walsall Mental Health Partnership NHS Trust (£64m)</li> <li>Birmingham Community Healthcare NHS Trust (£256m)</li> </ul>	<ul style="list-style-type: none"> <li>University Hospitals Birmingham NHS FT (MTC at QEH)</li> <li>Birmingham Children's Hospital FT</li> <li>Birmingham Women's NHS FT</li> <li>The Royal Orthopaedic Hospital FT</li> </ul>	<ul style="list-style-type: none"> <li>Ambulance services provided by West Midlands Ambulance</li> </ul>	<ul style="list-style-type: none"> <li>University Hospitals Birmingham NHS FT</li> <li>Heart of England NHS FT</li> <li>The Royal Wolverhampton NHS Trust</li> <li>The Royal Orthopaedic Hospital FT</li> <li>Birmingham Children's Hospital FT</li> <li>Birmingham Women's NHS FT</li> </ul>
2. Walsall CCG	<ul style="list-style-type: none"> <li>Walsall Healthcare NHS Trust £232m</li> </ul>				
3. Birmingham Cross City CCG	<ul style="list-style-type: none"> <li>Heart of England NHS FT £629m</li> <li>University Hospitals Birmingham NHS FT £689m</li> <li>Birmingham Children's Hospital FT £238m</li> </ul>				
4. Sandwell & West Birmingham CCG	<ul style="list-style-type: none"> <li>Sandwell And West Birmingham Hospitals NHS Trust £433m</li> </ul>				
5. Dudley CCG	<ul style="list-style-type: none"> <li>The Dudley Group NHS FT £315m</li> </ul>				
6. Birmingham South Central CCG					
7. Solihull CCG	<ul style="list-style-type: none"> <li>Heart of England NHS FT £629m</li> </ul>				

# Local area 19: Arden, Herefordshire and Worcestershire

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Arden, Herefordshire and Worcestershire.
- The Major Trauma centre at the University Hospital of Coventry and Warwickshire is the hub of the Central England trauma network which extends into Northamptonshire.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Warwickshire CCG	<ul style="list-style-type: none"> <li>George Eliot Hospital NHS Trust</li> <li>£138m</li> </ul>	<ul style="list-style-type: none"> <li>Coventry And Warwickshire Partnership NHS Trust (£202m)</li> <li>Worcestershire Health And Care NHS Trust (£169m)</li> </ul>	<ul style="list-style-type: none"> <li>University Hospital Coventry (Major Trauma Centre)</li> </ul>	<ul style="list-style-type: none"> <li>Ambulance services provided by West Midlands Ambulance</li> </ul>	
2. Coventry and Rugby CCG	<ul style="list-style-type: none"> <li>University Hospitals Coventry And Warwickshire NHS Trust</li> <li>£546</li> </ul>				
3. Wyre Forest CCG	<ul style="list-style-type: none"> <li>Worcestershire Acute Hospitals NHS Trust</li> <li>£355m</li> </ul>				
4. Redditch & Bromsgrove CCG	<ul style="list-style-type: none"> <li>South Warwickshire NHS FT</li> <li>£227m</li> </ul>				
5. South Warwickshire CCG	<ul style="list-style-type: none"> <li>Worcestershire Acute Hospitals NHS Trust</li> <li>£355m</li> </ul>				
6. South Worcestershire CCG	<ul style="list-style-type: none"> <li>Wye Valley NHS Trust</li> <li>£179m</li> </ul>				
7. Herefordshire CCG					

# Appendix 3 Geographical map resources covering:

## Clinical Senate 7

### Thames Valley

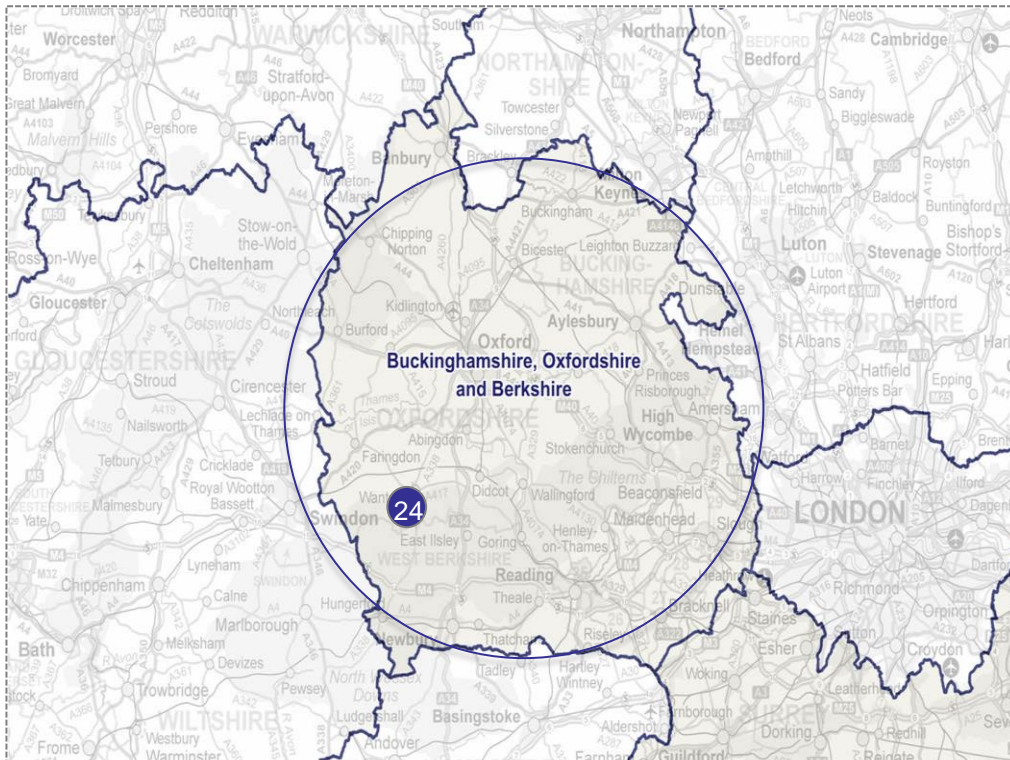
- This clinical senate contains local areas:
  - 24. Thames Valley



# Clinical senate 7: Thames Valley

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 2.1 million

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

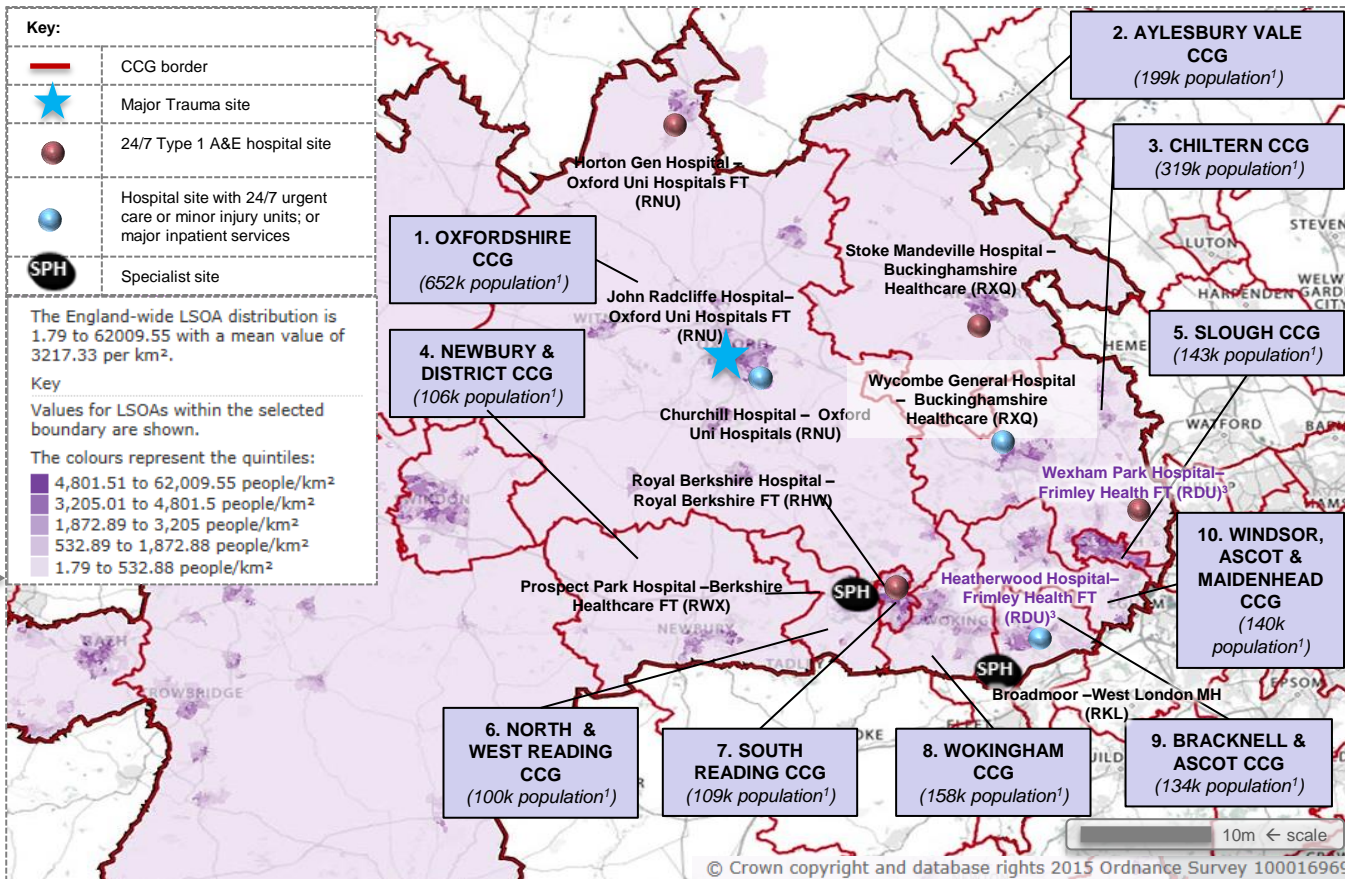
Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

Table B. Units of planning, CCGs and NHS Providers

Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>19. Thames Valley</b>		
Buckinghamshire	NHS Chiltern CCG NHS Aylesbury Vale CCG	<ul style="list-style-type: none"> <li>Buckinghamshire Healthcare NHS Trust</li> </ul>
East Berkshire	NHS Windsor, Ascot and Maidenhead CCG NHS Bracknell and Ascot CCG NHS Slough CCG	<ul style="list-style-type: none"> <li>Oxford University Hospitals NHS Trust</li> <li>Royal Berkshire NHS FT</li> <li>Berkshire Healthcare NHS FT</li> <li>Oxford Health NHS FT</li> </ul>
Oxfordshire	NHS Oxfordshire CCG	
West Berkshire	NHS Newbury and District CCG NHS North & West Reading CCG NHS South Reading CCG NHS Wokingham CCG	

# Local area 24: Thames Valley

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Thames Valley.
- There is a Major Trauma Centre at John Radcliffe Hospital which is the hub of the Thames Valley Trauma Network
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>



CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Oxfordshire CCG	<ul style="list-style-type: none"> <li>Oxford University Hospitals FT £904m</li> </ul>	<ul style="list-style-type: none"> <li>Oxford Health NHS FT</li> </ul>	<ul style="list-style-type: none"> <li>John Radcliffe Hospital</li> </ul>	<ul style="list-style-type: none"> <li>Ambulance services provided by East Midlands Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>Frimley Health FT</li> </ul>
2. Aylesbury Vale CCG	<ul style="list-style-type: none"> <li>Buckinghamshire Healthcare NHS Trust £364m</li> </ul>				
3. Chiltern CCG	<ul style="list-style-type: none"> <li>Frimley Health FT<sup>3</sup> £291m</li> </ul>				
4. Newbury & District CCG					
5. Slough CCG					
6. North & West Reading CCG	<ul style="list-style-type: none"> <li>Berkshire Healthcare FT £218m</li> </ul>				
7. South Reading CCG	<ul style="list-style-type: none"> <li>Royal Berkshire FT £349m</li> </ul>				
8. Wokingham CCG					
9. Bracknell & Ascot CCG	<ul style="list-style-type: none"> <li>Frimley Health FT<sup>3</sup> £291m</li> </ul>				
10. Windsor, Ascot & Maidenhead CCG					

# Appendix 3 Geographical map resources covering:

## Clinical Senate 8

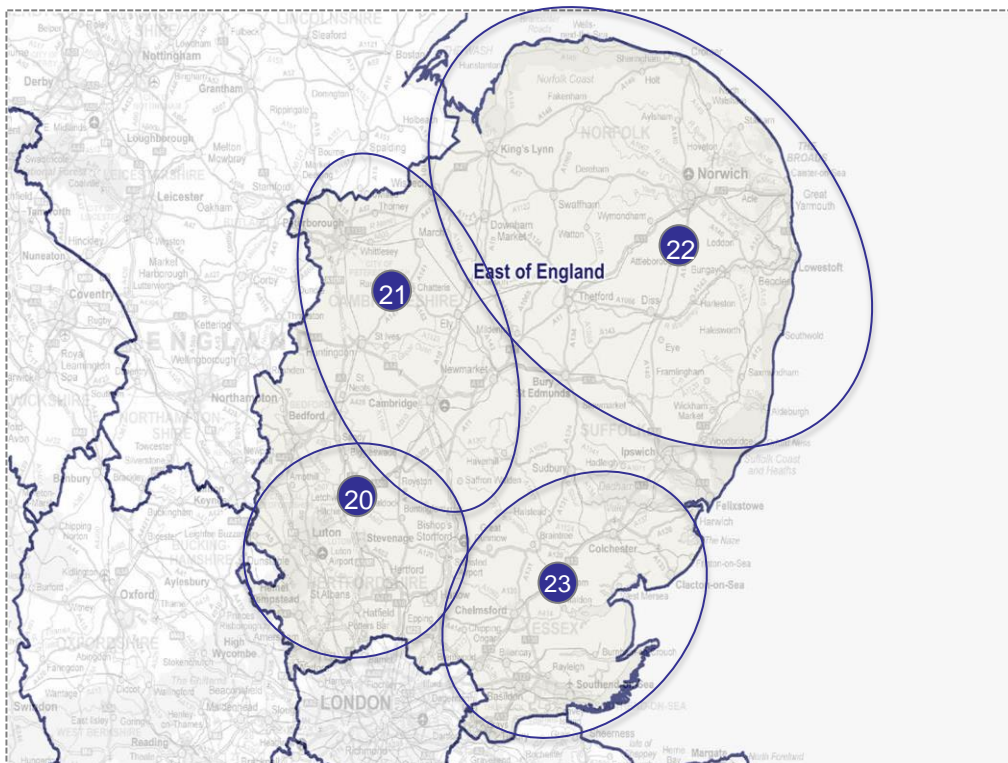
### East of England

- This clinical senate contains local areas:
  - 20. Hertfordshire and Luton
  - 21. East Anglia – Cambridgeshire, Peterborough and West Suffolk
  - 22. East Anglia – Norfolk, Ipswich, East Suffolk, Great Yarmouth and Waveney
  - 23. Essex

# Clinical senate 8: East of England

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 6.7 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

Table B. Units of planning, CCGs and NHS Providers

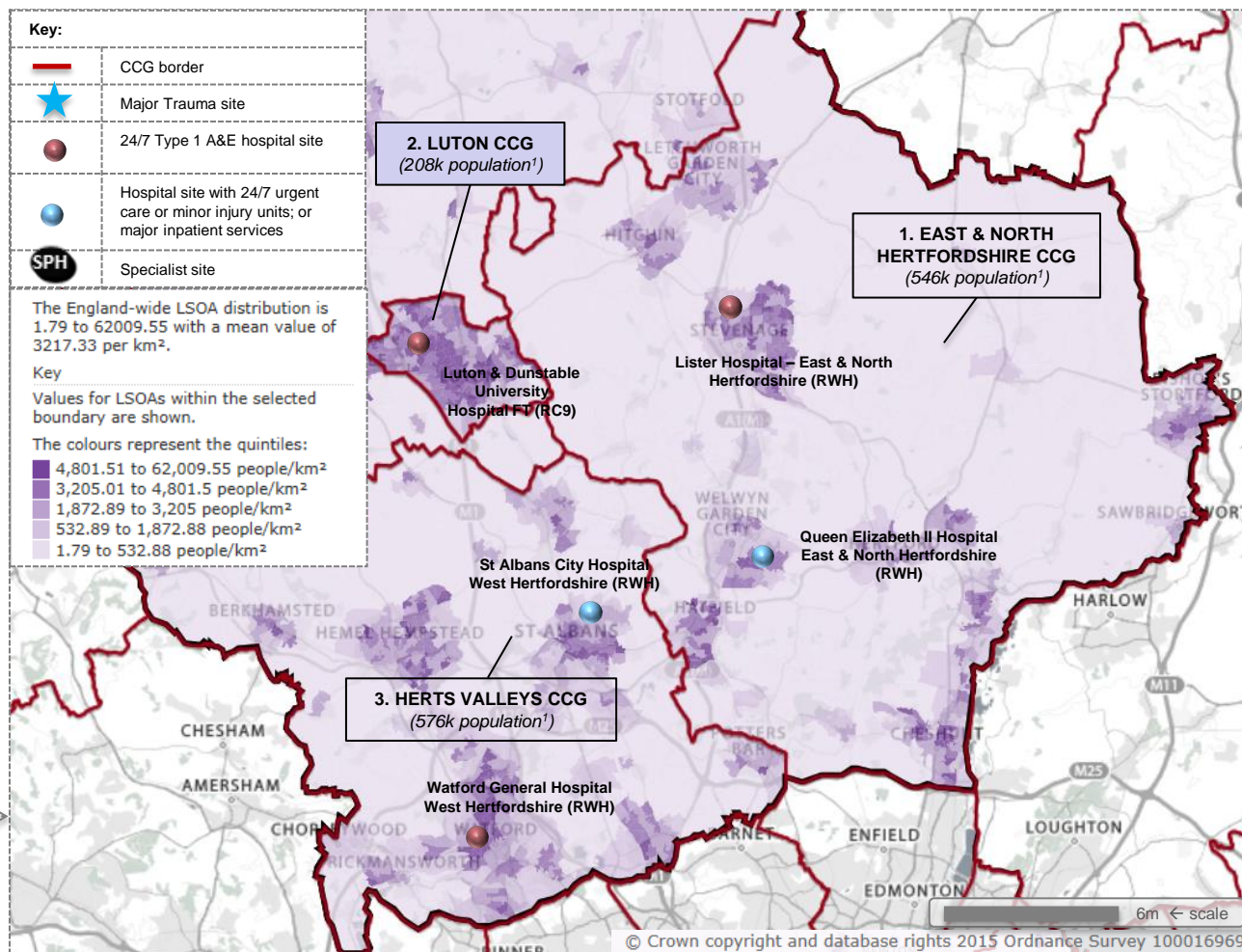
Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>20. Hertfordshire and Luton</b>		
East and North Hertfordshire	NHS East and North Hertfordshire CCG	East and North Hertfordshire NHS Trust Hertfordshire Partnership NHS FT
Herts Valley	NHS Herts Valleys CCG	Luton and Dunstable Hospital NHS FT
Luton	NHS Luton CCG	West Hertfordshire Hospitals NHS Trust Hertfordshire Community NHS Trust
<b>21. East Anglia - Cambridgeshire, Peterborough and West Suffolk</b>		
Cambridgeshire and Peterborough	NHS Cambridgeshire and Peterborough CCG	Cambridge University Hospitals NHS FT Peterborough & Stamford Hospitals NHS FT West Suffolk NHS FT
Suffolk	NHS West Suffolk CCG	Cambridgeshire and Peterborough NHS FT Papworth Hospital NHS FT Hinchinbrooke Health Care NHS Trust Cambridgeshire Community Services
<b>22. East Anglia - Norfolk, Suffolk, Great Yarmouth and Waveney</b>		
Suffolk	NHS Ipswich and East Suffolk CCG	Norfolk and Norwich University Hospitals NHS FT
Central Norfolk	NHS North Norfolk CCG NHS Norwich CCG NHS South Norfolk CCG	James Paget University Hospitals NHS FT Queen Elizabeth Hospital Kings Lynn NHS FT Norfolk and Suffolk NHS FT
Great Yarmouth & Waveney	NHS Great Yarmouth & Waveney CCG	Ipswich Hospital NHS Trust
West Norfolk	NHS West Norfolk CCG	Norfolk Community Health And Care NHS Trust
<b>23 Essex – Success regime area</b>		
Essex	NHS Mid Essex CCG NHS North East Essex CCG NHS West Essex CCG	Colchester Hospital University NHS FT North Essex Partnership NHS FT Mid Essex Hospital Services NHS Trust The Princess Alexandra Hospital NHS Trust
Thurrock	NHS Thurrock CCG	Basildon and Thurrock University Hospitals NHS FT
Southend Essex	NHS Southend CCG NHS Castle Point and Rochford CCG NHS Basildon and Brentwood CCG	Southend University Hospitals NHS FT South Essex Partnership NHS FT

# Local area 20: Hertfordshire and Luton

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Hertfordshire and Luton.
- There are no Major Trauma centres in this local area but it is supported by the East of England Major Trauma Network, with the MTC at Addenbrooke's in Cambridge.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. East & North Hertfordshire CCG	<ul style="list-style-type: none"> <li>East And North Hertfordshire NHS Trust £371m</li> </ul>	<ul style="list-style-type: none"> <li>Hertfordshire Community NHS Trust</li> <li>Hertfordshire Partnership University NHS FT</li> </ul>		<ul style="list-style-type: none"> <li>Ambulance services provided by East of England Ambulance</li> </ul>	
2. Luton CCG	<ul style="list-style-type: none"> <li>Luton And Dunstable University Hospital NHS FT £252m</li> </ul>				
3. Herts Valleys CCG	<ul style="list-style-type: none"> <li>West Hertfordshire Hospitals NHS Trust £323m</li> </ul>				

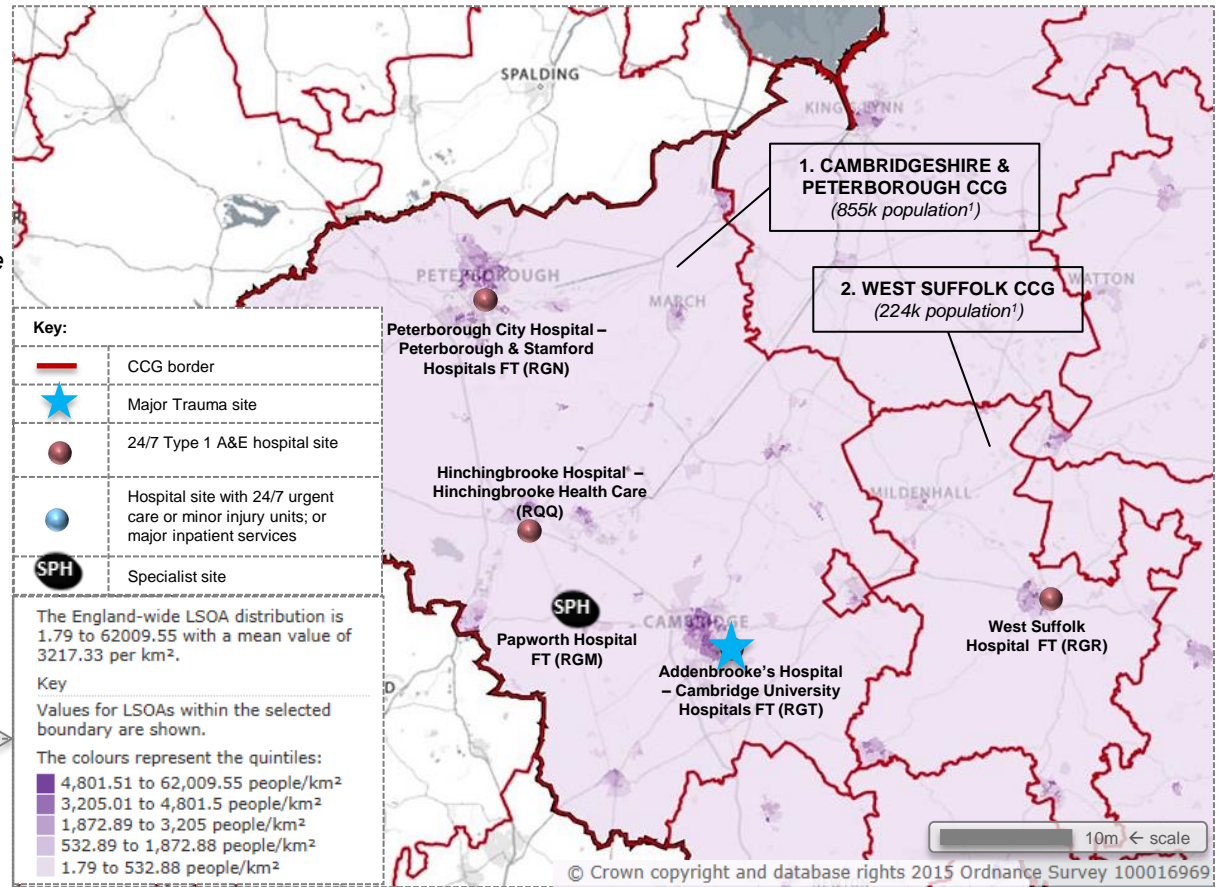
# Local area 21: East Anglia – Cambridgeshire, Peterborough & West Suffolk

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of East Anglia – Cambridgeshire, Peterborough & West Suffolk.
- There is a Major Trauma Centre at Addenbrooke's Hospital which is the hub for the East of England Major Trauma Network, which reaches into Norfolk, Suffolk, Essex, Bedfordshire and Hertfordshire.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>



Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



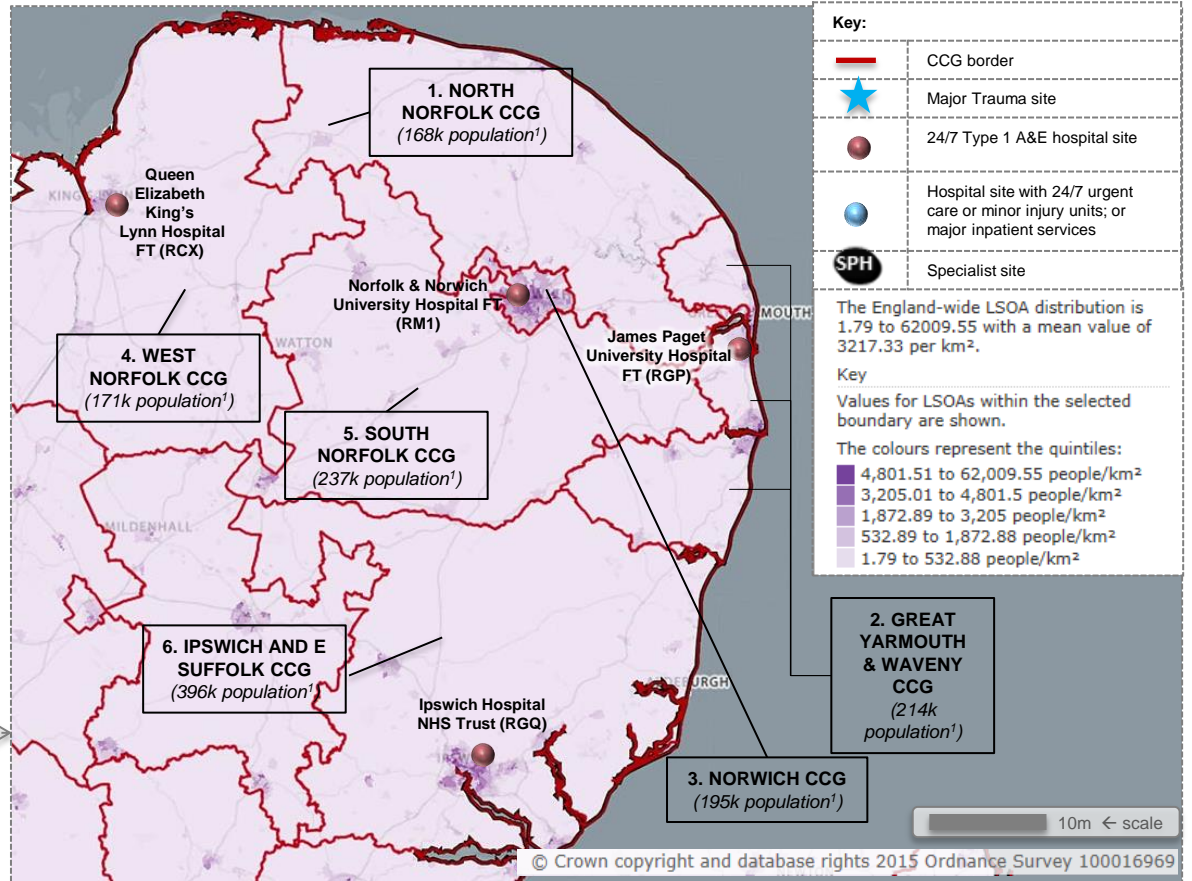
CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Cambridgeshire and Peterborough CCG	<ul style="list-style-type: none"> <li>Peterborough &amp; Stamford Hospitals FT £233m</li> <li>Hinchingsbrooke Health Care £116m</li> <li>Papworth Hospital FT £139m</li> <li>Cambridge University Hospitals FT £770m</li> </ul>	<ul style="list-style-type: none"> <li>Cambridgeshire &amp; Peterborough FT</li> <li>Cambridgeshire Community Services NHS Trust</li> </ul>	<ul style="list-style-type: none"> <li>Cambridge University Hospitals FT (Addenbrooke's Hospital)</li> </ul>	<ul style="list-style-type: none"> <li>Ambulance services provided by East of England Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>Cambridge University Hospitals FT</li> <li>Peterborough &amp; Stamford Hospitals FT</li> <li>Papworth Hospital FT</li> <li>Cambridgeshire Community Services NHS Trust</li> </ul>
2. West Suffolk CCG	<ul style="list-style-type: none"> <li>West Suffolk Hospital FT £169m</li> </ul>				

# Local area 22: East Anglia – Norfolk, Suffolk, Great Yarmouth & Waveney

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of East Anglia – Norfolk, Suffolk, Great Yarmouth & Waveney.
- There is no major trauma centre located in the region. The nearest MTC site is Addenbrooke's Hospital in Cambridge (which serves the region).
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



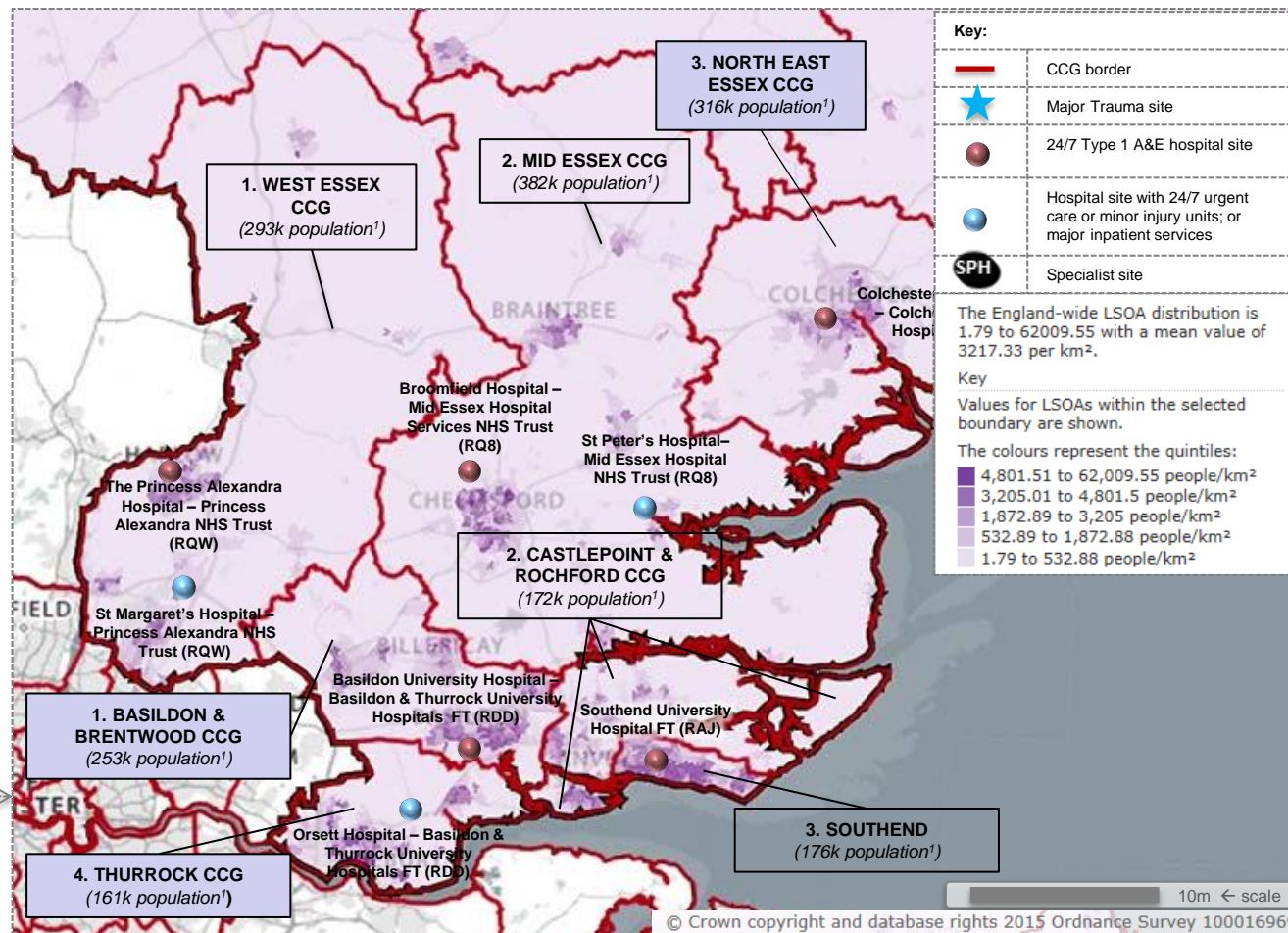
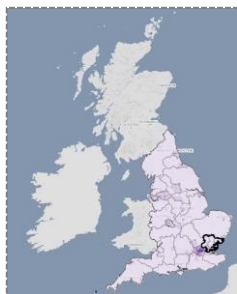
CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. North Norfolk CCG	n/a				
2. Great Yarmouth & Waveney CCG	James Paget University Hospital FT £174m	Norfolk & Suffolk NHS FT (£204m)		Ambulance services provided by East of England Ambulance service	
3. Norwich CCG	Norfolk & Norwich University Hospital FT £503m	Norfolk Community Health and Care NHS Trust (£123)			
4. West Norfolk CCG	Queen Elizabeth King's Lynn Hospital FT £167m				
5. South Norfolk CCG	n/a				
6. Ipswich and East Suffolk CCG	Ipswich Hospital NHS Trust £252m				

# Local area 23: Essex

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Essex.
- There are no Major Trauma centres in this local area but it is supported by the East of England Major Trauma Network, with the MTC at Addenbrooke's in Cambridge.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. NHS West Essex CCG	<ul style="list-style-type: none"> <li>The Princess Alexandra Hospital NHS Trust £179m</li> </ul>	<ul style="list-style-type: none"> <li>North Essex Partnership University NHS FT (£120m)</li> </ul>		<ul style="list-style-type: none"> <li>Ambulance services provided by East of England Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>The Princess Alexandra Hospital NHS Trust</li> </ul>
2. NHS Mid Essex CCG	<ul style="list-style-type: none"> <li>Mid Essex Hospital Services NHS Trust £286m</li> </ul>	<ul style="list-style-type: none"> <li>South Essex Partnership University NHS FT (£317m)</li> </ul>			<ul style="list-style-type: none"> <li>South Essex Partnership Uni FT</li> </ul>
3. NHS North East Essex CCG	<ul style="list-style-type: none"> <li>Colchester Hospital University NHS FT £263m</li> </ul>				
1. Basildon & Brentwood CCG	<ul style="list-style-type: none"> <li>Basildon &amp; Thurrock University Hospital FT £286m</li> </ul>				
2. Castle Pt & Rochford CCG					
3. Southend CCG	<ul style="list-style-type: none"> <li>Southend University Hospital FT £270m</li> </ul>				
4. Thurrock CCG	<ul style="list-style-type: none"> <li>Basildon &amp; Thurrock University Hospital FT £286m</li> </ul>				



# Appendix 3 Geographical map resources covering:

## Clinical Senate 9

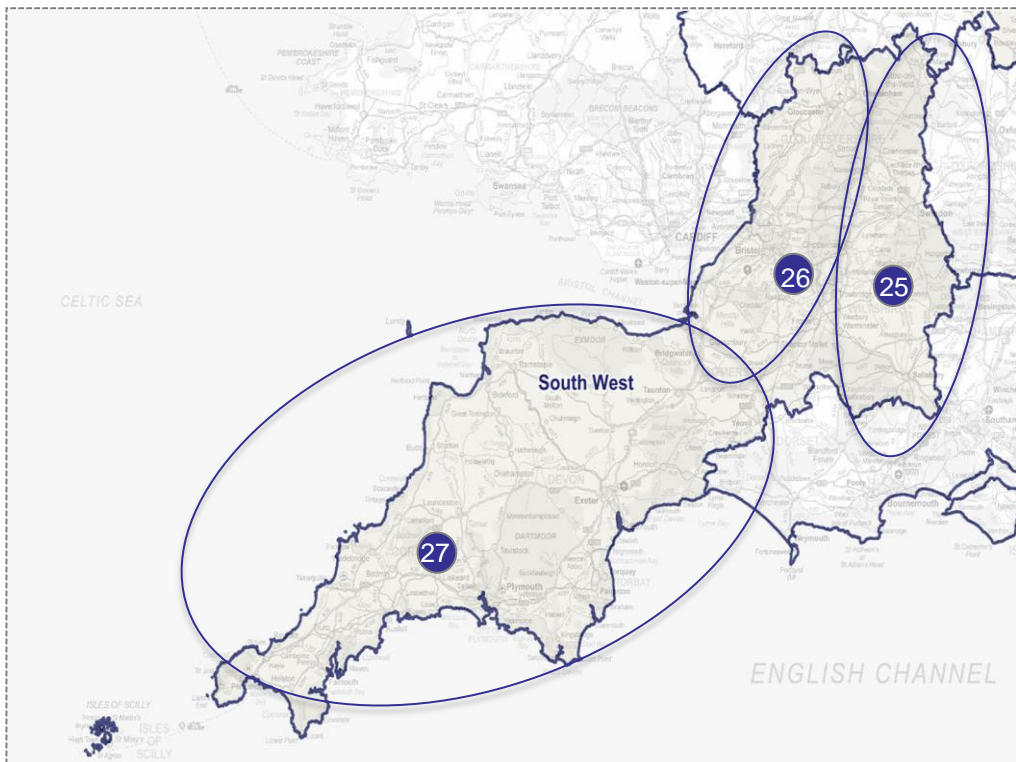
### South West

- This clinical senate contains local areas:
  - 25. Bath, Gloucestershire, Swindon and Wiltshire
  - 26. Bristol, North Somerset, Somerset and South Gloucestershire
  - 27. Devon, Cornwall and Isles of Scilly

# Clinical senate 9: South West

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 4.6 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

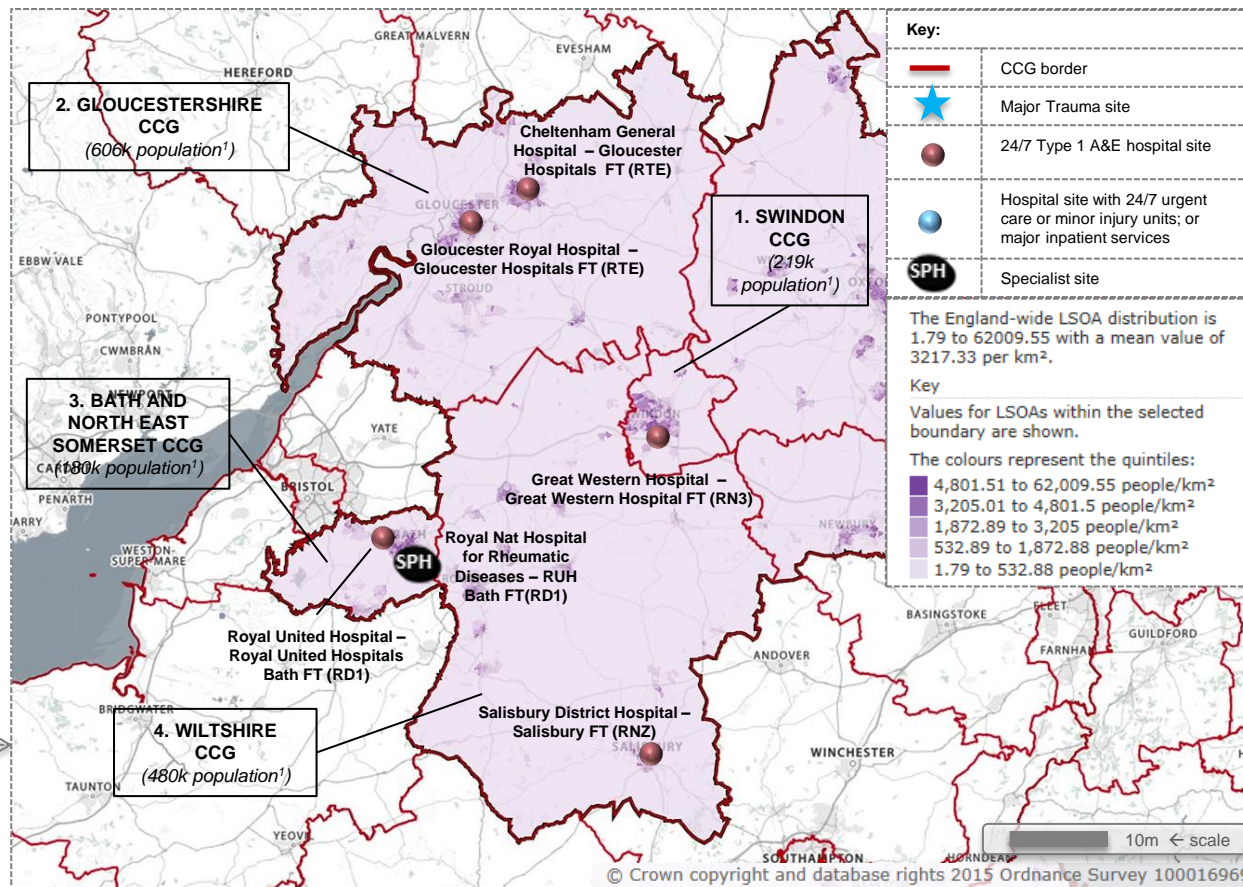
Table B. Units of planning, CCGs and NHS Providers

Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>25. Bath, Gloucestershire, Swindon and Wiltshire</b>		
Bath and North	NHS Bath and North East	Avon and Wiltshire Mental Health Partnership NHS Trust
East Somerset	Somerset CCG	Great Western Hospitals NHS FT
Gloucestershire	NHS Gloucestershire CCG	Royal United Hospital Bath NHS FT
Swindon	NHS Swindon CCG	Salisbury NHS FT
Wiltshire	NHS Wiltshire CCG	Gloucestershire Hospitals NHS FT
		2Gether NHS FT
		Gloucestershire Care Services NHS Trust
<b>26. Bristol, North Somerset, Somerset &amp; South Gloucestershire</b>		
Bristol	NHS Bristol CCG	North Bristol NHS Trust
North Somerset	NHS North Somerset CCG	Taunton and Somerset NHS FT
Somerset	NHS Somerset CCG	Yeovil District Hospital NHS FT
South	NHS South Gloucestershire	University Hospitals Of Bristol NHS FT
Gloucestershire	CCG	Somerset Partnership NHS FT
		Weston Area Health NHS Trust
<b>27. Devon, Cornwall and Isles of Scilly – Success regime area (North East West Devon only)</b>		
Cornwall	NHS Kernow CCG	Devon Partnership NHS Trust
		Northern Devon Healthcare NHS Trust
		Plymouth Hospitals NHS Trust
		Royal Cornwall Hospitals NHS Trust
Devon	NHS North, East, West Devon CCG	Royal Devon and Exeter NHS FT
South Devon and Torbay	NHS South Devon and Torbay CCG	Cornwall Partnership NHS FT
		Torbay And South Devon NHS FT

# Local area 25: Bath, Gloucestershire, Swindon & Wiltshire

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Bath, Gloucestershire, Swindon and Wiltshire
- There is no major trauma centre located in the area. The nearest MTC site is Southmead Hospital in Bristol (which serves the Severn Major Trauma Network).
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



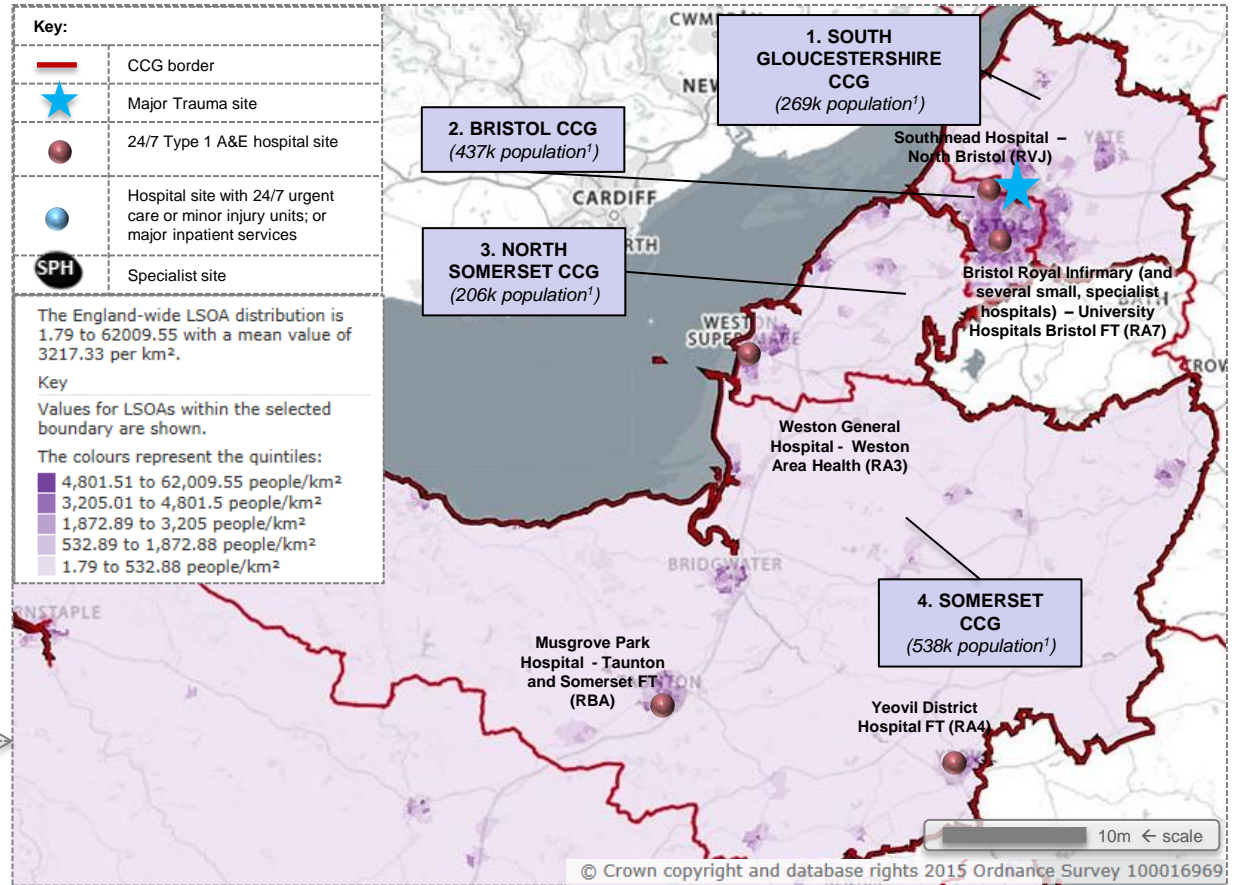
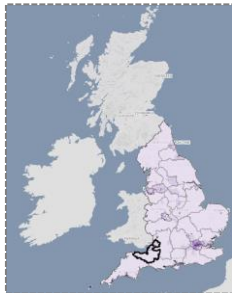
CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Swindon CCG	<ul style="list-style-type: none"> <li>▪ Great Western Hospitals FT £288m</li> </ul>	<ul style="list-style-type: none"> <li>▪ Avon and Wiltshire Mental Health Partnership NHS Trust</li> </ul>	<ul style="list-style-type: none"> <li>▪ Royal Nat Hospital for Rheumatic Diseases – RUH Bath</li> </ul>	<ul style="list-style-type: none"> <li>▪ South West Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>▪ Salisbury FT</li> </ul>
2. Gloucestershire CCG	<ul style="list-style-type: none"> <li>▪ Gloucestershire Hospitals FT £463m</li> </ul>	<ul style="list-style-type: none"> <li>▪ The Gloucestershire Care Services NHS Trust</li> </ul>	<ul style="list-style-type: none"> <li>▪ Royal Nat Hospital for Rheumatic Diseases – RUH Bath</li> </ul>	<ul style="list-style-type: none"> <li>▪ South West Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>▪ Avon and Wiltshire Mental Health Partnership NHS Trust</li> </ul>
3. Bath and North East Somerset CCG	<ul style="list-style-type: none"> <li>▪ Royal United Hospital Bath FT £263m</li> </ul>	<ul style="list-style-type: none"> <li>▪ The Gloucestershire Care Services NHS Trust</li> </ul>	<ul style="list-style-type: none"> <li>▪ Royal Nat Hospital for Rheumatic Diseases – RUH Bath</li> </ul>	<ul style="list-style-type: none"> <li>▪ South West Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>▪ Avon and Wiltshire Mental Health Partnership NHS Trust</li> </ul>
4. Wiltshire CCG	<ul style="list-style-type: none"> <li>▪ Salisbury FT £192m</li> </ul>	<ul style="list-style-type: none"> <li>▪ 2gether NHS FT</li> </ul>	<ul style="list-style-type: none"> <li>▪ Royal Nat Hospital for Rheumatic Diseases – RUH Bath</li> </ul>	<ul style="list-style-type: none"> <li>▪ South West Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>▪ Avon and Wiltshire Mental Health Partnership NHS Trust</li> </ul>

# Local area 26: Bristol, N. Somerset, Somerset and S. Gloucestershire

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Bristol, North Somerset, Somerset and South Gloucestershire.
- There is a Major Trauma Centre at Southmead Hospital which serves the Severn Major Trauma Network, which extends into Wiltshire and Gloucestershire.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.

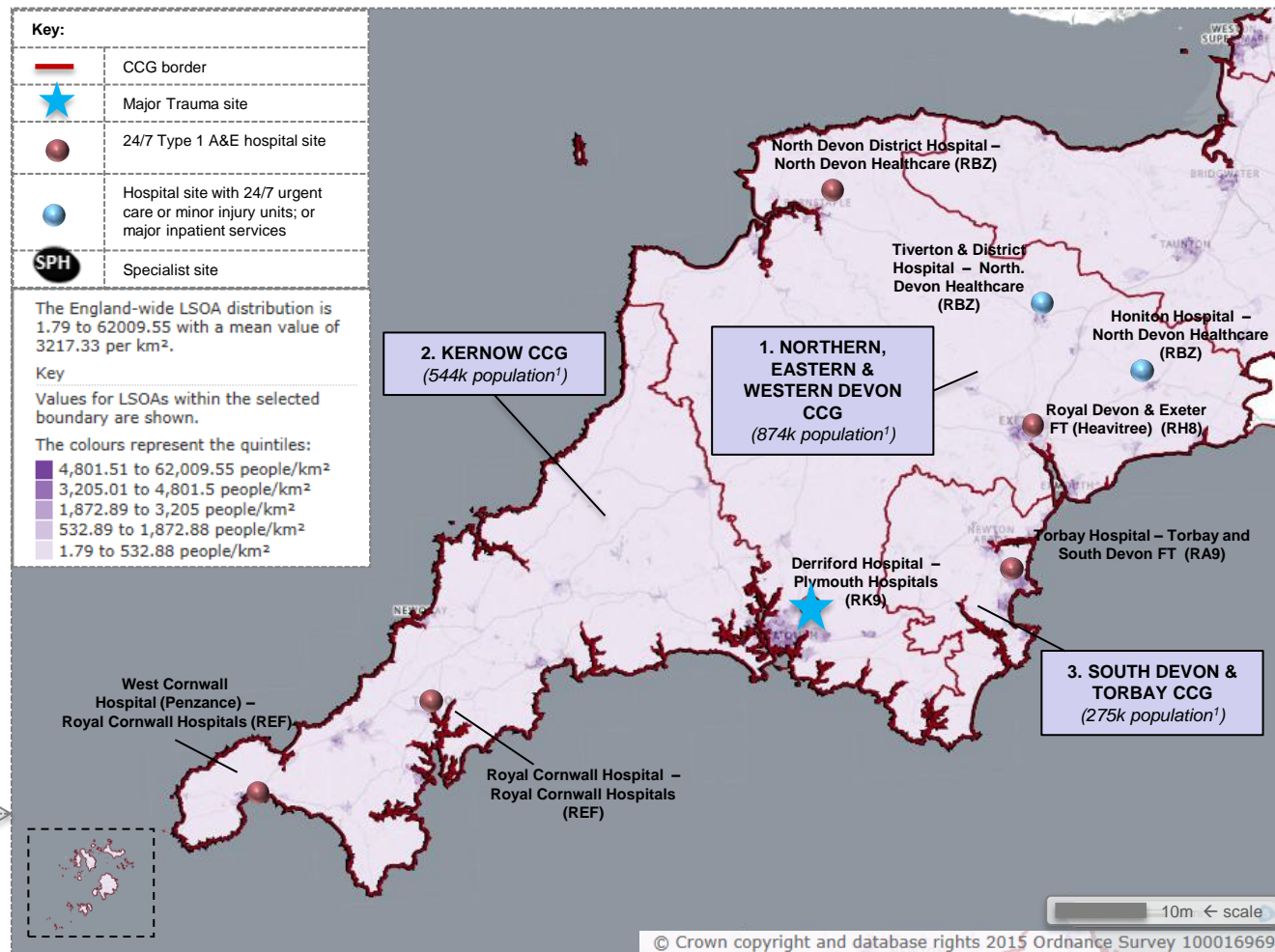


CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. South Gloucestershire CCG		Somerset Partnership FT (£154m)	Southmead Hospital	South West Ambulance service	North Bristol NHS Trust University Hospitals Bristol FT
2. Bristol CCG	<ul style="list-style-type: none"> <li>North Bristol NHS Trust £534m</li> <li>University Hospitals Bristol FT £576m</li> </ul>				
3. North Somerset CCG	<ul style="list-style-type: none"> <li>Weston Area Health NHS Trust £96m</li> </ul>				
4. Somerset CCG	<ul style="list-style-type: none"> <li>Taunton and Somerset FT £252m</li> <li>Yeovil District Hospital FT £116m</li> </ul>				

# Local area 27: Devon, Cornwall and Isles of Scilly

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of Devon, Cornwall and Isles of Scilly.
- The Major Trauma centre at Derriford Hospital which serves the Peninsula Trauma Network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. North, East, West Devon CCG	<ul style="list-style-type: none"> <li>▪ Plymouth Hospitals NHS Trust £425m</li> <li>▪ Royal Devon And Exeter FT £398m</li> <li>▪ Northern Devon Healthcare NHS Trust £229m</li> </ul>	<ul style="list-style-type: none"> <li>▪ Devon Partnership Trust (£133m)</li> <li>▪ Cornwall Partnership NHS FT (£86m)</li> </ul>	Derriford Hospital (MTC) – Plymouth Hospitals NHS Trust	South West Ambulance Service	
2. Kernow CCG	<ul style="list-style-type: none"> <li>▪ Royal Cornwall Hospitals NHS Trust £339m</li> </ul>				
3. South Devon and Torbay CCG	<ul style="list-style-type: none"> <li>▪ Torbay and South Devon FT n/a</li> </ul>				

## Appendix 3 Geographical map resources covering:

# Clinical Senate 10

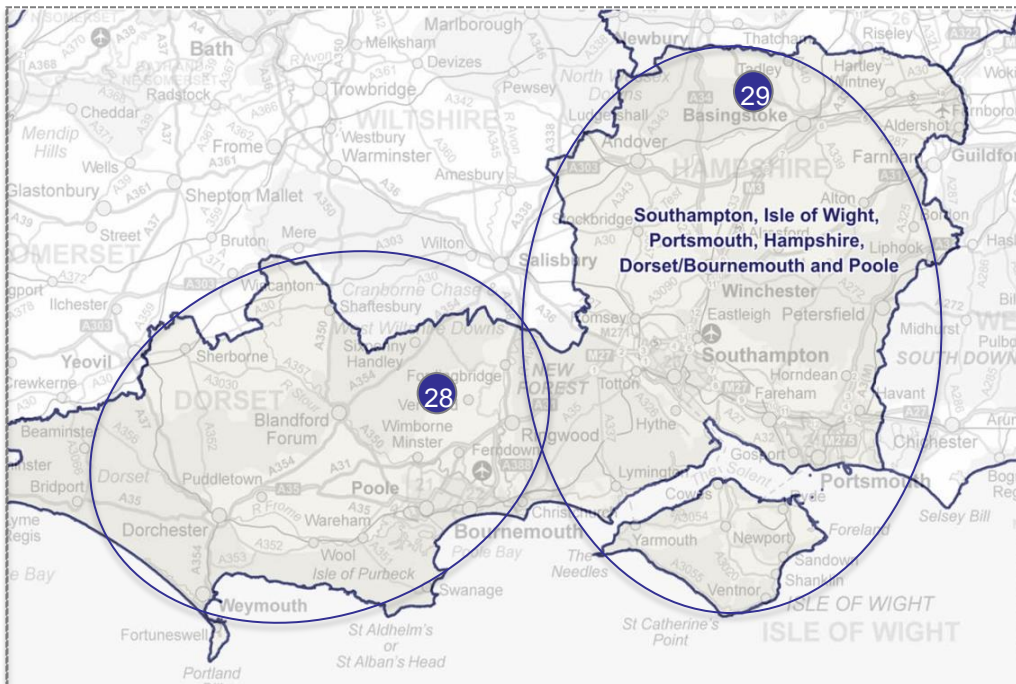
### Wessex

- This clinical senate contains local areas:
  - 28. Wessex – Dorset
  - 29. Wessex – Hampshire, Southampton and Isle of Wight

# Clinical senate 10: Wessex

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 2.7 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

Table B. Units of planning, CCGs and NHS Providers

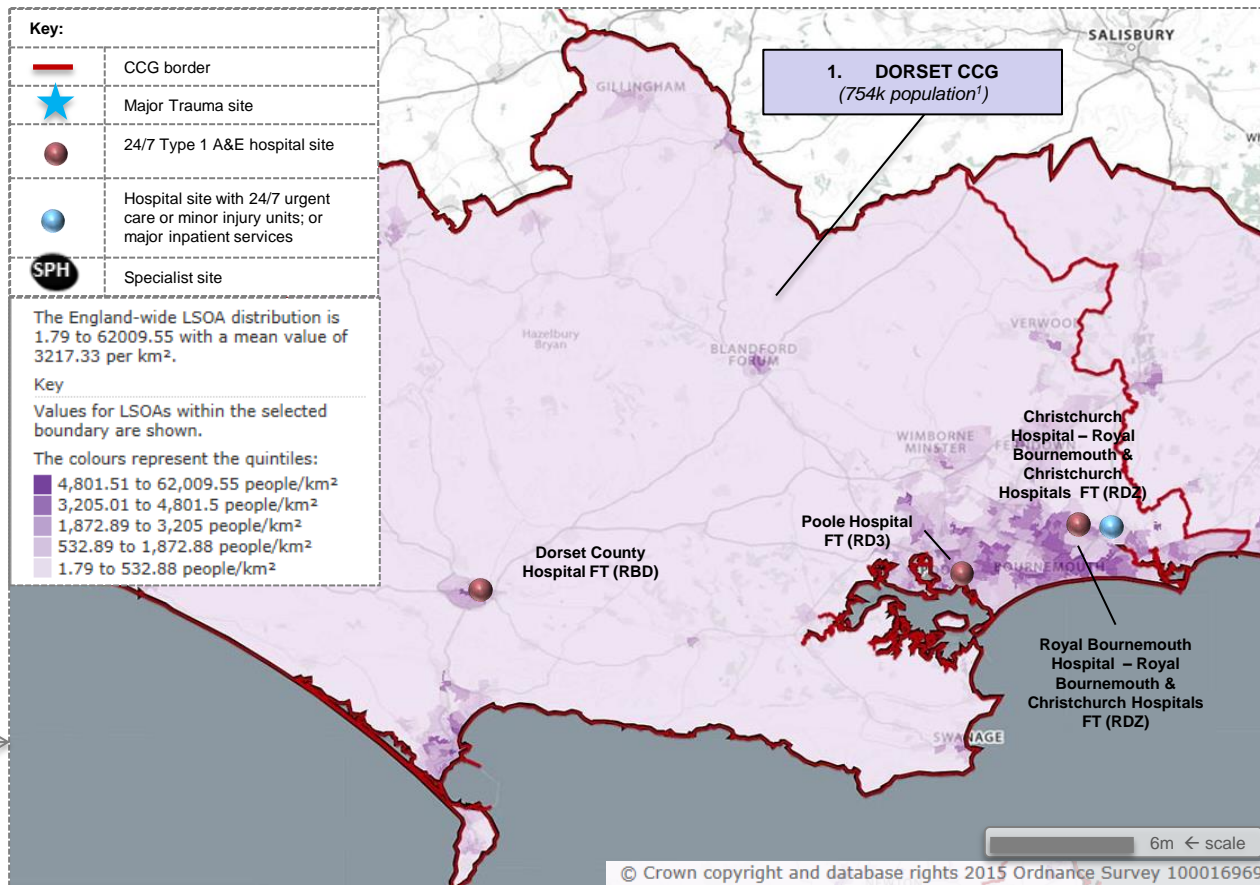
Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>28. Wessex - Dorset</b>		
Dorset	NHS Dorset CCG	<ul style="list-style-type: none"> <li>Dorset County Hospital NHS FT</li> <li>Poole Hospital NHS FT</li> <li>Royal Bournemouth and Christchurch NHS FT</li> <li>Dorset Healthcare University NHS FT</li> </ul>
<b>29. Wessex – Hampshire, Southampton and Isle of Wight</b>		
Isle of Wight	NHS Isle of Wight CCG	<ul style="list-style-type: none"> <li>Isle Of Wight NHS Trust</li> </ul>
North East Hampshire and Farnham	NHS North East Hampshire and Farnham CCG	<ul style="list-style-type: none"> <li>Portsmouth Hospitals NHS Trust</li> <li>Southern Health NHS FT</li> <li>Hampshire Hospitals NHS FT</li> </ul>
North Hampshire	NHS North Hampshire CCG	<ul style="list-style-type: none"> <li>University Hospital Southampton NHS FT</li> </ul>
Portsmouth	NHS Portsmouth CCG	<ul style="list-style-type: none"> <li>Solent NHS Trust</li> </ul>
South East Hampshire	NHS Fareham and Gosport CCG	
	NHS South Eastern Hampshire CCG	
Southampton	NHS Southampton CCG	
West Hampshire	NHS West Hampshire CCG	

# Local area 28: Wessex - Dorset

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Wessex - Dorset.
- There is no major trauma centre located in Wessex - Dorset. The nearest MTC site is University Hospital Southampton (which serves the region).
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Dorset CCG	<ul style="list-style-type: none"> <li>▪ Dorset County Hospital FT £152m</li> <li>▪ Royal Bournemouth and Christchurch Hospitals FT £252m</li> <li>▪ Poole Hospital FT £209m</li> </ul>	<ul style="list-style-type: none"> <li>▪ Dorset Healthcare University FT</li> </ul>		<ul style="list-style-type: none"> <li>▪ Ambulance services provided by South Central Ambulance service</li> </ul>	

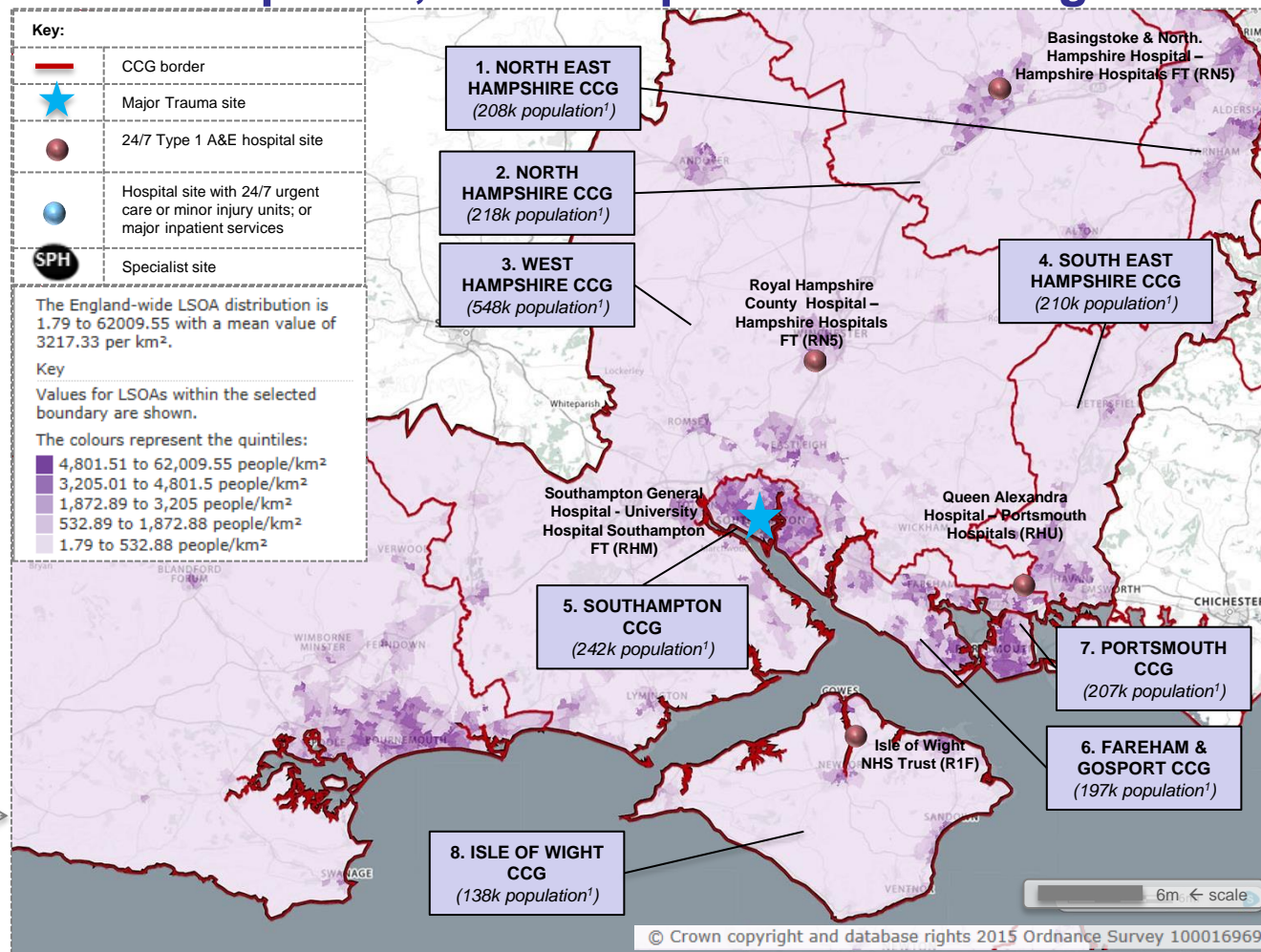


# Local area 29: Wessex – Hampshire, Southampton & Isle of Wight

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Wessex – Hampshire, Southampton & Isle of Wight.
- There is a Major Trauma Centre at University Hospital Southampton which is the hub of the Wessex trauma network, which extends into Somerset and Dorset.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. North East Hampshire & Farnham CCG					
2. North Hampshire CCG	<ul style="list-style-type: none"> <li>Hampshire Hospitals FT £340m</li> </ul>	<ul style="list-style-type: none"> <li>Southern Health NHS FT</li> </ul>	Southampton General Hospital (MTC)	Ambulance services provided by South Central Ambulance service	University Hospital Southampton FT
3. West Hampshire CCG	<ul style="list-style-type: none"> <li>Hampshire Hospitals FT £340m</li> </ul>	<ul style="list-style-type: none"> <li>Solent NHS Trust</li> </ul>			
4. South East Hampshire CCG					
5. Southampton CCG	<ul style="list-style-type: none"> <li>University Hospital Southampton FT £649m</li> </ul>				
6. Fareham & Gosport CCG					
7. Portsmouth CCG	<ul style="list-style-type: none"> <li>Portsmouth Hosp NHS Trust £482m</li> </ul>				
8. Isle of Wight CCG	<ul style="list-style-type: none"> <li>Isle of Wight NHS Trust £170m</li> </ul>				

# Appendix 3 Geographical map resources covering:

## Clinical Senate 11

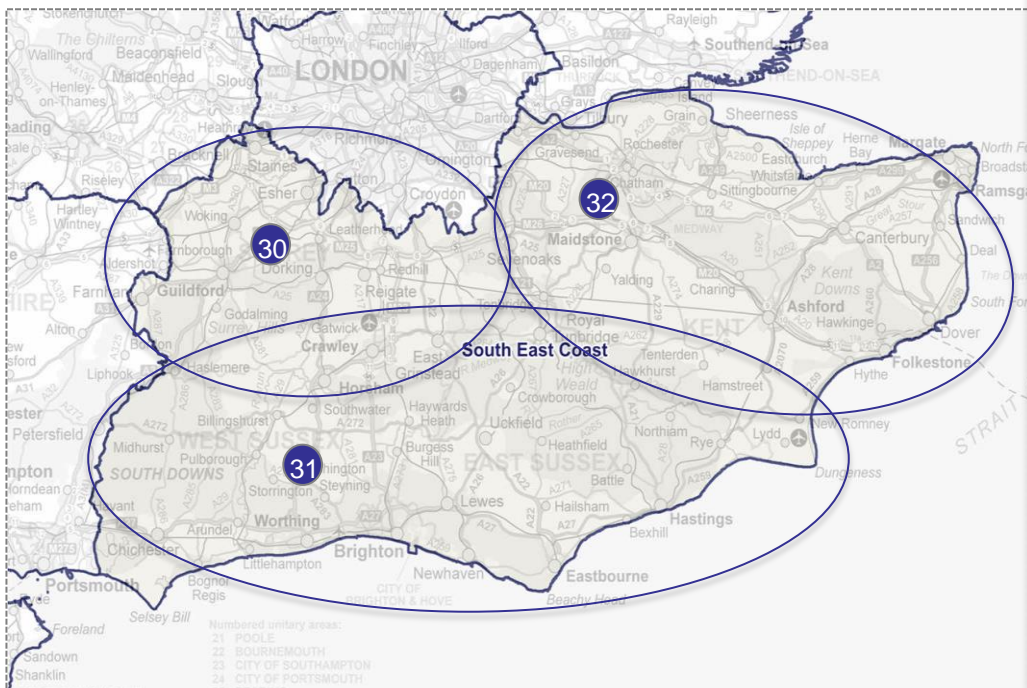
### South East Coast

- This clinical senate contains local areas:
  - 30. Surrey
  - 31. Sussex
  - 32. Kent and Medway

# Clinical senate 11: South East Coast

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



Total population of clinical senate: 4.5 million (as per mid 2013 ONS estimates)

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

Table B. Units of planning, CCGs and NHS Providers

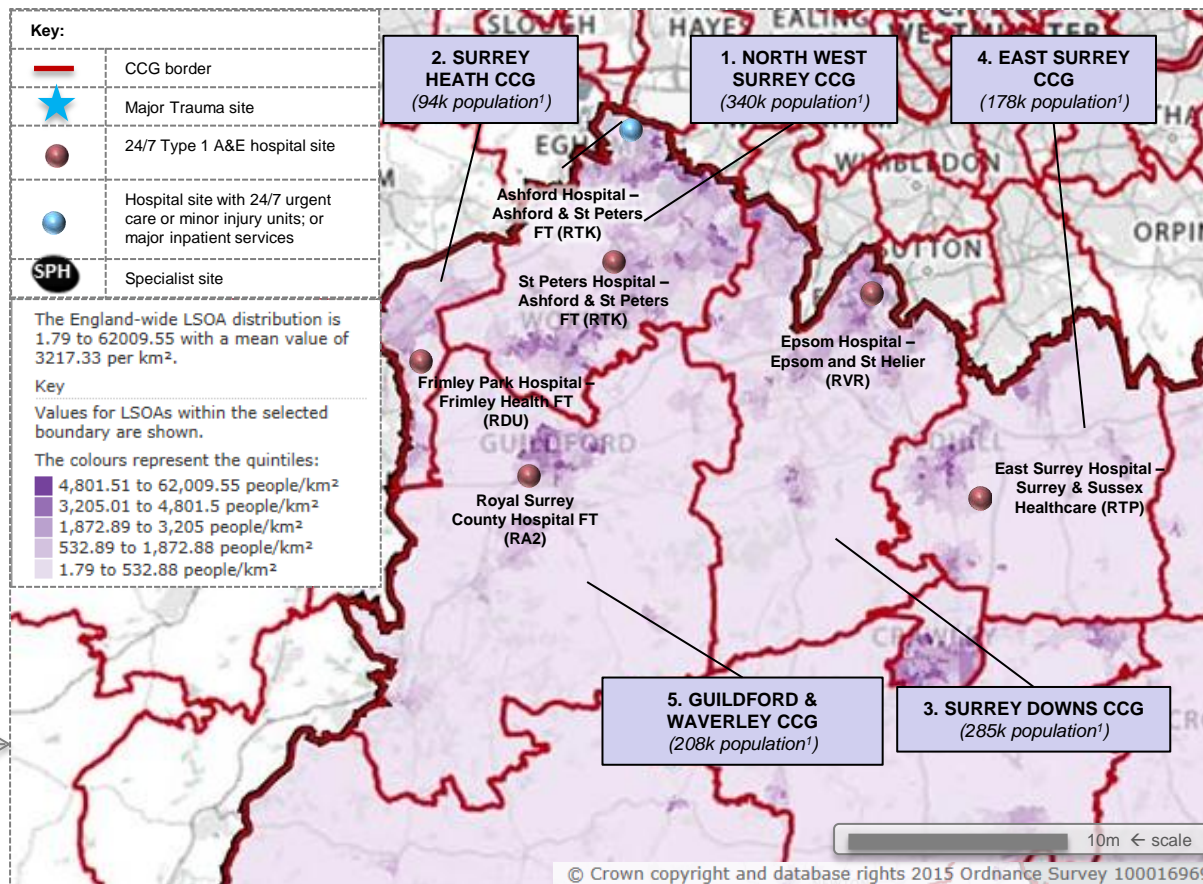
Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>30. Surrey</b>		
Surrey	NHS East Surrey CCG NHS Surrey Downs CCG NHS Guildford and Waverley CCG NHS North West Surrey CCG NHS Surrey Heath CCG	<ul style="list-style-type: none"> <li>Surrey and Sussex Healthcare NHS Trust</li> <li>Ashford and St Peters Hospitals NHS FT</li> <li>Royal Surrey County NHS FT</li> <li>Surrey and Borders Partnership NHS FT</li> <li>Frimley Health NHS FT</li> </ul>
<b>31. Sussex</b>		
Sussex	NHS Brighton & Hove CCG NHS Eastbourne, Hailsham and Seaford CCG NHS Hastings & Rother CCG NHS High Weald Lewes Havens CCG NHS Coastal West Sussex CCG NHS Crawley CCG NHS Horsham and Mid Sussex CCG	<ul style="list-style-type: none"> <li>Brighton and Sussex University Hospitals NHS Trust</li> <li>East Sussex Healthcare NHS Trust</li> <li>Wessex Sussex Hospitals NHS FT</li> <li>Sussex Partnership NHS FT</li> <li>Sussex Community NHS Trust</li> <li>Queen Victoria Hospital NHS FT</li> </ul>
<b>32. Kent &amp; Medway</b>		
East Kent	NHS Ashford CCG NHS Canterbury and Coastal CCG NHS South Kent Coast CCG NHS Thanet CCG	<ul style="list-style-type: none"> <li>Dartford and Gravesham NHS Trust</li> <li>Kent and Medway NHS and Social Care Partnership Trust</li> <li>Maidstone and Tunbridge Wells NHS Trust</li> <li>East Kent Hospitals University NHS FT</li> </ul>
North Kent	NHS Dartford, Gravesham and Swanley CCG NHS Medway CCG NHS Swale CCG	<ul style="list-style-type: none"> <li>Medway NHS FT</li> <li>Kent Community Health NHS FT</li> </ul>
West Kent	NHS West Kent CCG	

# Local area 30: Surrey

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Surrey.
- There is no major trauma centre located in Surrey. The nearest MTC site is St George's University Hospital in London (which serves the Surrey region).
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15. 3.Surrey and Sussex Healthcare have major sites in this local area, but receive a substantial amount of their activity and income from the CCGs in local area 31

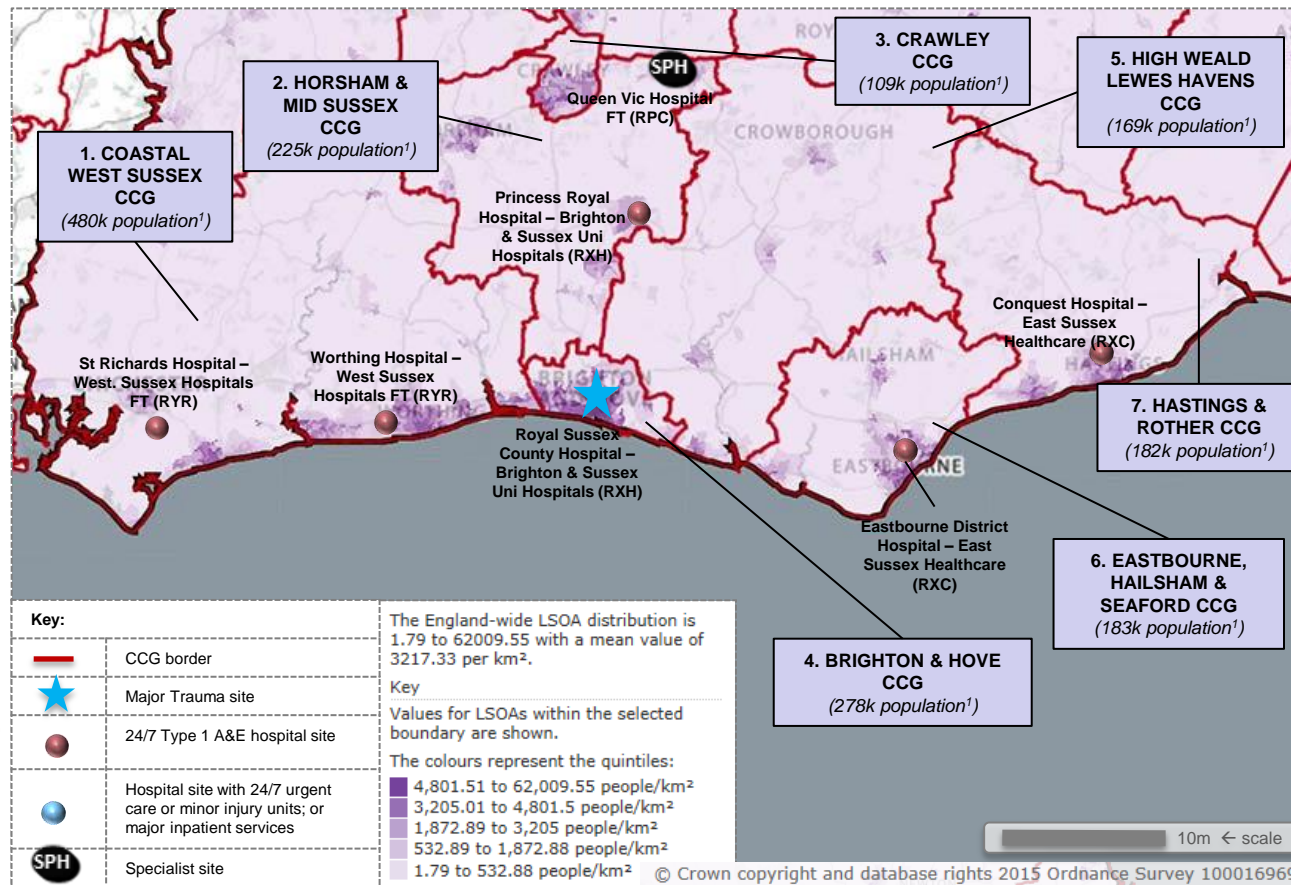


CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. North West Surrey CCG	<ul style="list-style-type: none"> <li>Ashford &amp; St Peters FT £250m</li> </ul>	<ul style="list-style-type: none"> <li>Surrey and Borders Partnership NHS FT</li> </ul>		<ul style="list-style-type: none"> <li>Ambulance services provided by South East Coast Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>Royal Surrey County Hospital FT</li> <li>Surrey &amp; Sussex Healthcare NHS Trust</li> <li>Frimley Health FT</li> <li>Epsom &amp; St Helier University Hospitals NHS Trust</li> </ul>
2. Surrey Heath CCG	<ul style="list-style-type: none"> <li>Frimley Health FT £291m</li> </ul>				
3. Surrey Downs CCG	<ul style="list-style-type: none"> <li>Epsom &amp; St Helier University Hospitals NHS Trust £365m</li> </ul>				
4. East Surrey CCG	<ul style="list-style-type: none"> <li>Surrey &amp; Sussex Healthcare NHS Trust<sup>3</sup> £236m</li> </ul>				
5. Guildford & Waverley CCG	<ul style="list-style-type: none"> <li>Royal Surrey County Hospital FT £293m</li> </ul>				

# Local area 31: Sussex

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Sussex.
- There is a Major Trauma Centre at Brighton and Sussex University Hospitals which is the hub for the Sussex Trauma network
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



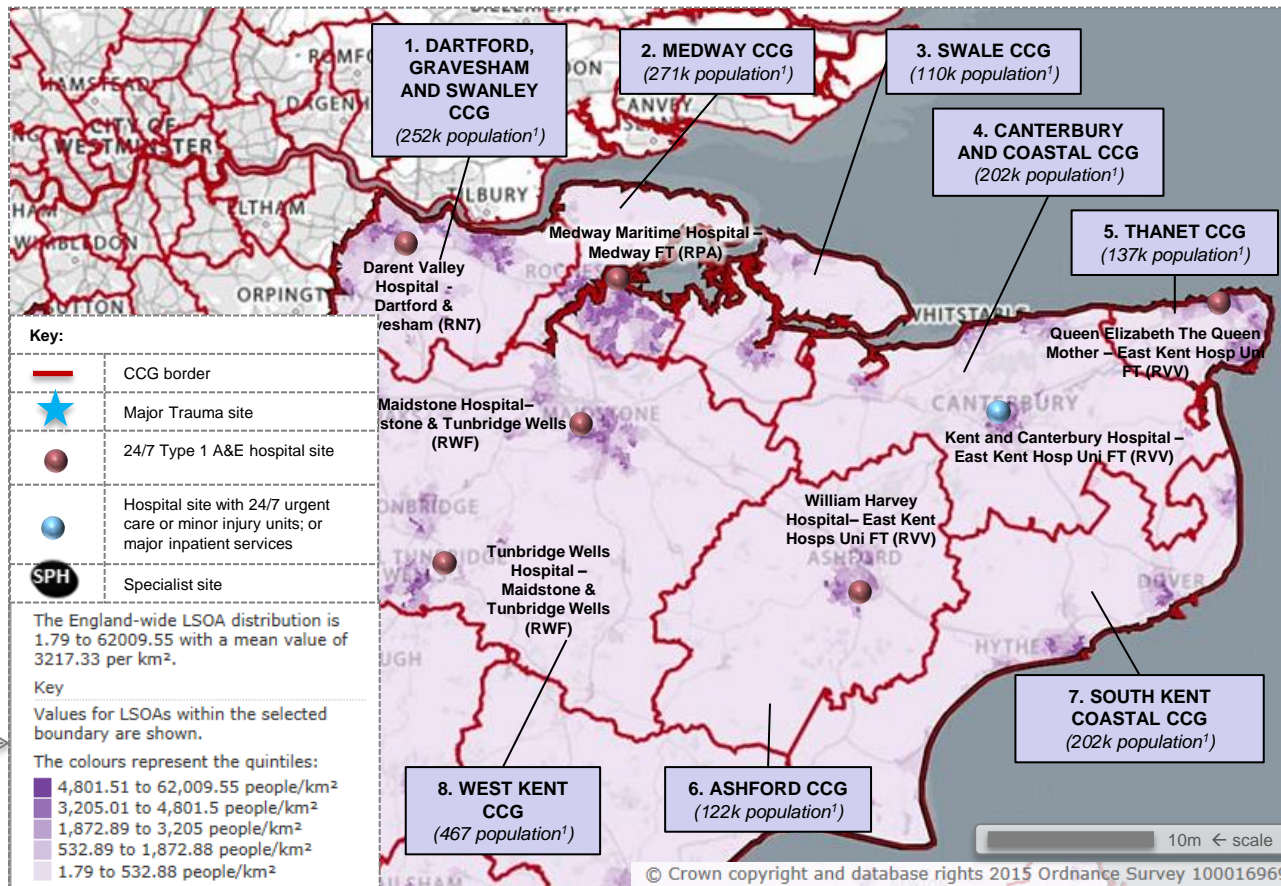
CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Coastal West Sussex CCG	West Sussex Hosp FT £378m	Sussex Partnership NHS FT Sussex Community Trust	Brighton and Sussex University Hospitals	Ambulance services provided by South East Coast Ambulance service	Brighton & Sussex Uni Hosp NHS Trust Queen Victoria Hospital FT
2. Horsham and Mid Sussex CCG	Brighton & Sussex Uni Hosp NHS Trust £508m Queen Victoria Hospital FT £60m				
3. Crawley CCG					
4. Brighton & Hove CCG	Brighton & Sussex Uni Hosp NHS Trust £508m				
5. High Weald Lewes Havens CCG					
6. Eastbourne, Hailsham & Seaford CCG	East Sussex Healthcare NHS Trust £383m				
7. Hastings & Rother CCG					

# Local area 32: Kent & Medway

- The map to the right and table below highlight organisations that purchase/provide the majority of services across the local geographical area of Kent & Medway.
- There is no major trauma centre located in Kent & Medway. The nearest MTC site is Kings College Hospital in London (which serves the Kent region).
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



CCG area	Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main MH/LD/Community providing services in this area	National/Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Dartford, Gravesham and Swanley CCG	<ul style="list-style-type: none"> <li>Dartford &amp; Gravesham NHS Trust £222m</li> </ul>	<ul style="list-style-type: none"> <li>Kent and Medway NHS &amp; SC Partnership Trust</li> <li>Kent Comm Health NHS FT</li> </ul>		<ul style="list-style-type: none"> <li>Ambulance services provided by South East Coast Ambulance service</li> </ul>	
2. Medway CCG	<ul style="list-style-type: none"> <li>Medway FT £245m</li> </ul>				
3. Swale CCG					
4. Canterbury and Coastal CCG	<ul style="list-style-type: none"> <li>East Kent Hospitals University NHS FT £537m</li> </ul>				
5. Thanet CCG					
6. Ashford CCG					
7. South Kent Coast CCG					
8. West Kent CCG	<ul style="list-style-type: none"> <li>Maidstone &amp; Tunbridge Wells NHS Trust £399m</li> </ul>				

# Appendix 3 Geographical map resources covering:

## Clinical Senate 12

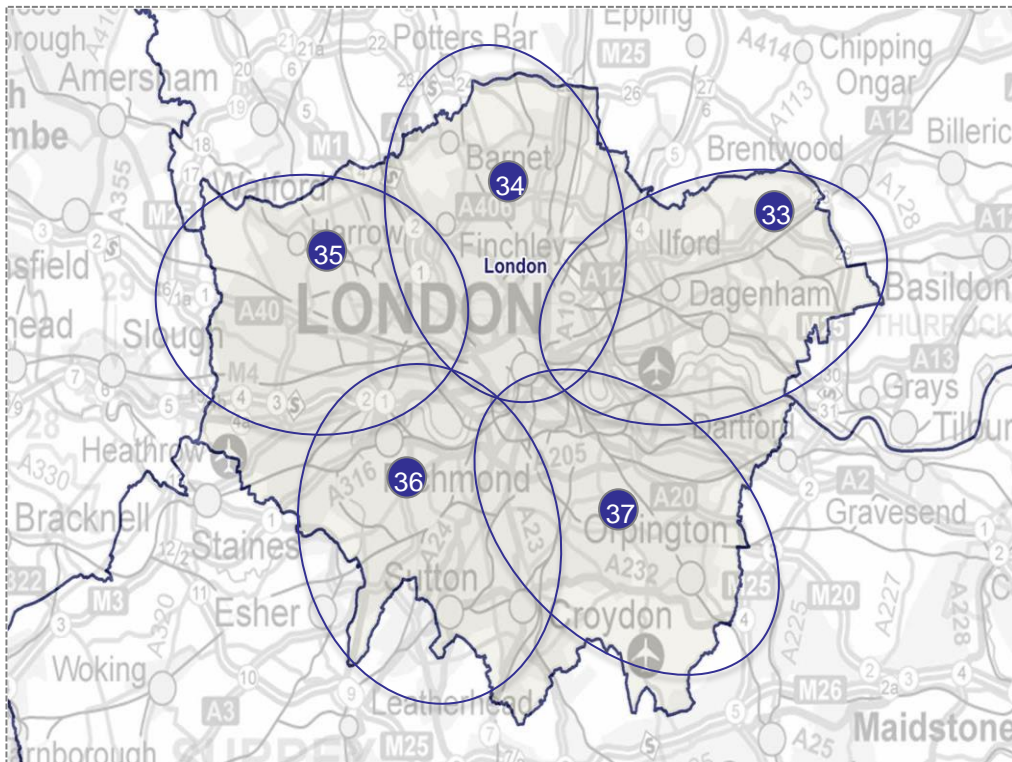
### London

- This clinical senate contains local areas:
  - 33. North East London
  - 34. North Central London
  - 35. North West London
  - 36. South West London
  - 37. South East London

# Clinical senate 12: London

Map A below outlines the clinical senate and local areas within it. Clinical senates are broadly based around major patient flows into specialist or tertiary centres.<sup>1</sup> Understanding the flows into specialist or tertiary centres provides a useful starting point for discussions on major health and care economies (larger geographical footprint).

Map A. Clinical senate



**Total population of clinical senate: 8.4 million (as per mid 2013 ONS estimates)**

1. *The Way Forward Clinical senates, 25 January 2013, page 6, NHSE*
2. *Most captures >75% of funding flows between common a group of commissioners providers (see diagram page 5)*

Table B highlights further analysis of common patient & funding flows between NHS providers and CCGs, if we consider a local health economy as capturing most<sup>2</sup> of the patients pathway from the GP to local providers for secondary acute, mental health and community care services. These maps and tables are indicative only and could be used as a starting point for planning footprint discussions.

Table B. Units of planning, CCGs and NHS Providers

Commissioner units of planning FY15 – FY19	CCG Name	NHS Provider name
<b>33. North East London</b>		
BHR	NHS Barking & Dagenham CCG	Homerton University Hospital NHS FT East London NHS FT
	NHS Havering CCG	North East London NHS FT
	NHS Redbridge CCG	Barking, Havering and Redbridge University Hospitals NHS Trust
City and Hackney WEL	NHS City & Hackney CCG	NHS Trust
	NHS Newham CCG	Bart's Health NHS Trust
	NHS Tower Hamlets CCG	
	NHS Waltham Forest CCG	
<b>34. North Central London</b>		
North Central London	NHS Barnet CCG	Royal Free London NHS FT
	NHS Camden CCG	University College London NHS FT
	NHS Enfield CCG	Tavistock and Portman NHS FT
	NHS Haringey CCG	Barnet, Enfield and Haringey Mental Health NHS Trust
	NHS Islington CCG	North Middlesex University Hospital NHS Trust The Whittington Hospital NHS Trust Moorfield's Eye Hospital NHS FT Great Ormond Street Hospital for Children NHS FT Royal National Orthopaedic Hospital NHS Trust
<b>35. North West London</b>		
North West London	NHS Harrow CCG	Central London Community Healthcare NHS Trust
	NHS Brent CCG/NHS Ealing CCG	Chelsea and Westminster Hospital NHS FT The Hillingdon Hospitals NHS FT
	NHS Hounslow CCG	Imperial College Healthcare NHS Trust
	NHS Hillingdon CCG	West London Mental Health NHS Trust
	NHS West London CCG	London North West Healthcare NHS Trust
	NHS Hammersmith and Fulham CCG	Central and North West London NHS FT
	NHS Westminster CCG	Royal Brompton and Harefield NHS FT The Royal Marsden Hospital NHS FT
<b>36. South West London</b>		
South West London	NHS Croydon CCG	Croydon Health Services NHS Trust
	NHS Kingston CCG	Kingston Hospital NHS FT
	NHS Richmond CCG	St George's University Hospitals NHS FT
	NHS Merton CCG	Epsom and St Helier University Hospitals NHS Trust
	NHS Wandsworth CCG	South West London & St George's Mental Health NHS Trust
	NHS Sutton CCG	Hounslow & Richmond Community Healthcare NHS Trust
<b>37. South East London</b>		
South East London	NHS Bexley CCG	Guys and St Thomas NHS FT
	NHS Lewisham CCG	Kings College Hospital NHS FT
	NHS Greenwich CCG	Oxleas NHS FT
	NHS Bromley CCG	South London and Maudsley NHS FT
	NHS Lambeth CCG	Lewisham and Greenwich NHS Trust
	NHS Southwark CCG	

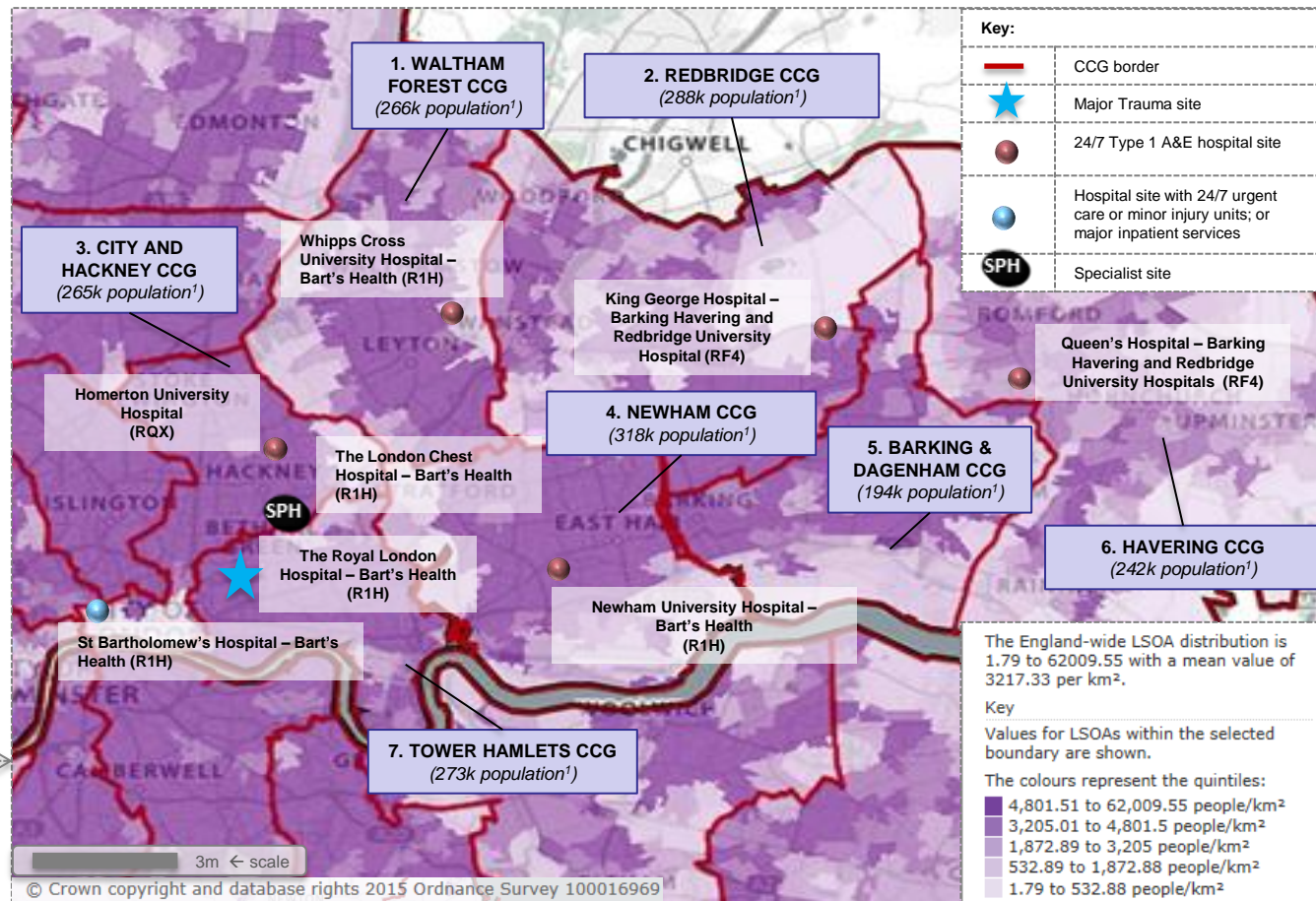


# Local area 33: North East London

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of North East London.
- The Major Trauma centre at The Royal London Hospital is one of four servicing the London Trauma Network, which extends to North London and South East Essex.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.

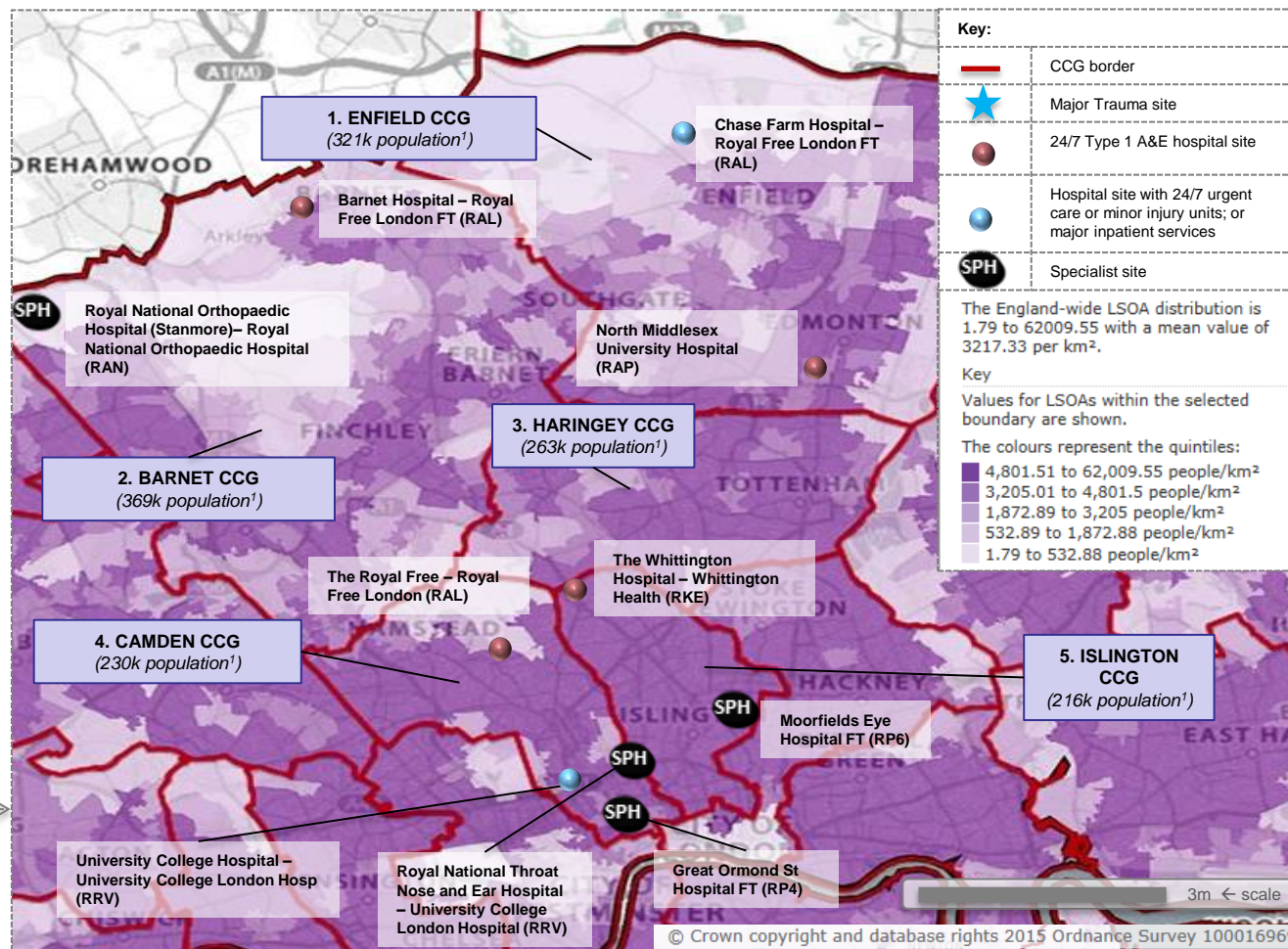


CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Waltham Forest CCG	<ul style="list-style-type: none"> <li>Bart's Health NHS Trust</li> </ul>	£1,290m	<ul style="list-style-type: none"> <li>North East London NHS FT (£330m)</li> <li>East London NHS FT (£254m)</li> </ul>	<ul style="list-style-type: none"> <li>The Royal London Hospital – Bart's Health NHS Trust</li> <li>The London Chest Hospital – Bart's Health NHS Trust</li> </ul>	<ul style="list-style-type: none"> <li>Bart's Health NHS Trust</li> <li>East London NHS FT</li> </ul>
2. Redbridge CCG	<ul style="list-style-type: none"> <li>Barking Havering and Redbridge University Hospital NHS Trust</li> </ul>	£474m			
3. City and Hackney CCG	<ul style="list-style-type: none"> <li>Homerton University Hospital NHS FT</li> </ul>	£260m			
4. Newham CCG	<ul style="list-style-type: none"> <li>Bart's Health NHS Trust</li> </ul>	£1,290m			
5. Barking & Dagenham CCG	<ul style="list-style-type: none"> <li>Barking Havering and Redbridge University Hospital NHS Trust</li> </ul>	£474m			
6. Havering CCG	<ul style="list-style-type: none"> <li>Barking Havering and Redbridge University Hospital NHS Trust</li> </ul>	£474m			
7. Tower Hamlets CCG	<ul style="list-style-type: none"> <li>Bart's Health NHS Trust</li> </ul>	£1,290m			

# Local area 34: North Central London

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of North Central London.
- There is no major trauma centre located in North Central London. The nearest MTC sites are St Mary's Hospital and The Royal London Hospital.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from: <https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



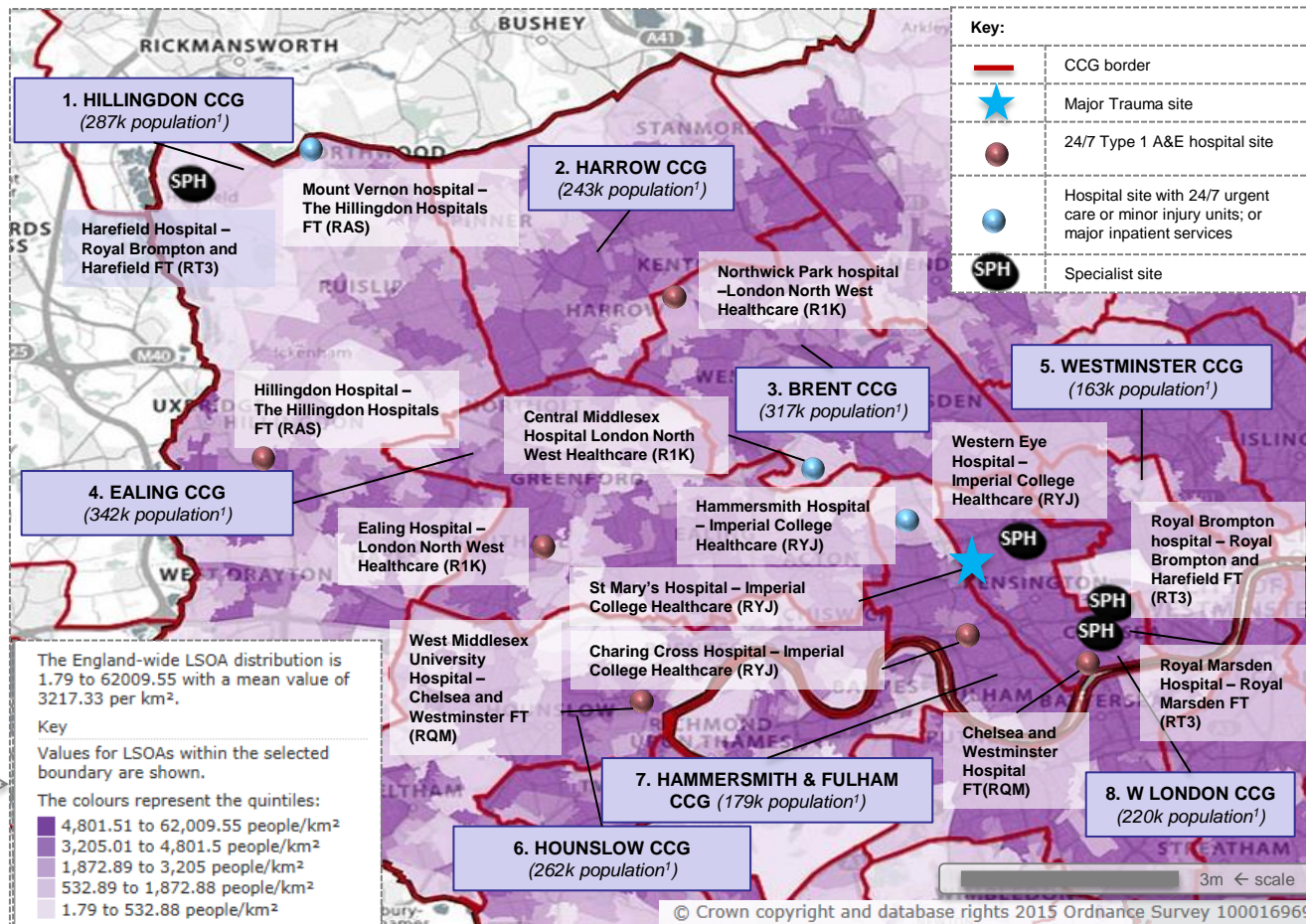
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Enfield CCG	North Middlesex University Hospital NHS Trust £244m	Camden & Islington NHS FT (£132m)	Royal National Orthopaedic Hospital (Stanmore) (£133m)	Ambulance services provided by London Ambulance service	Royal Free London FT
2. Barnet CCG	Royal Free London NHS FT £1,063m	Tavistock and Portman NHS FT (£39m)	Moorefield's Eye Hospital (£190m)		UCLH FT
3. Haringey CCG		Central London Community Healthcare Trust (£193m)	Great Ormond Street Hospital (£425m)		Moorfields Eye Hosp FT
4. Camden CCG	Royal Free London NHS FT £1,063m		Royal National Throat Nose & Ear Hospital RFL and UCLH (specialist)		Great Ormond Street FT
5. Islington CCG	The Whittington Hospital NHS Trust £288m				RN Orthopaedic Hosp
					Camden & Islington

# Local area 35: North West London

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of North West London.
- The Major Trauma centre at St Mary's Hospital and is the hub of the North West London Trauma Network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



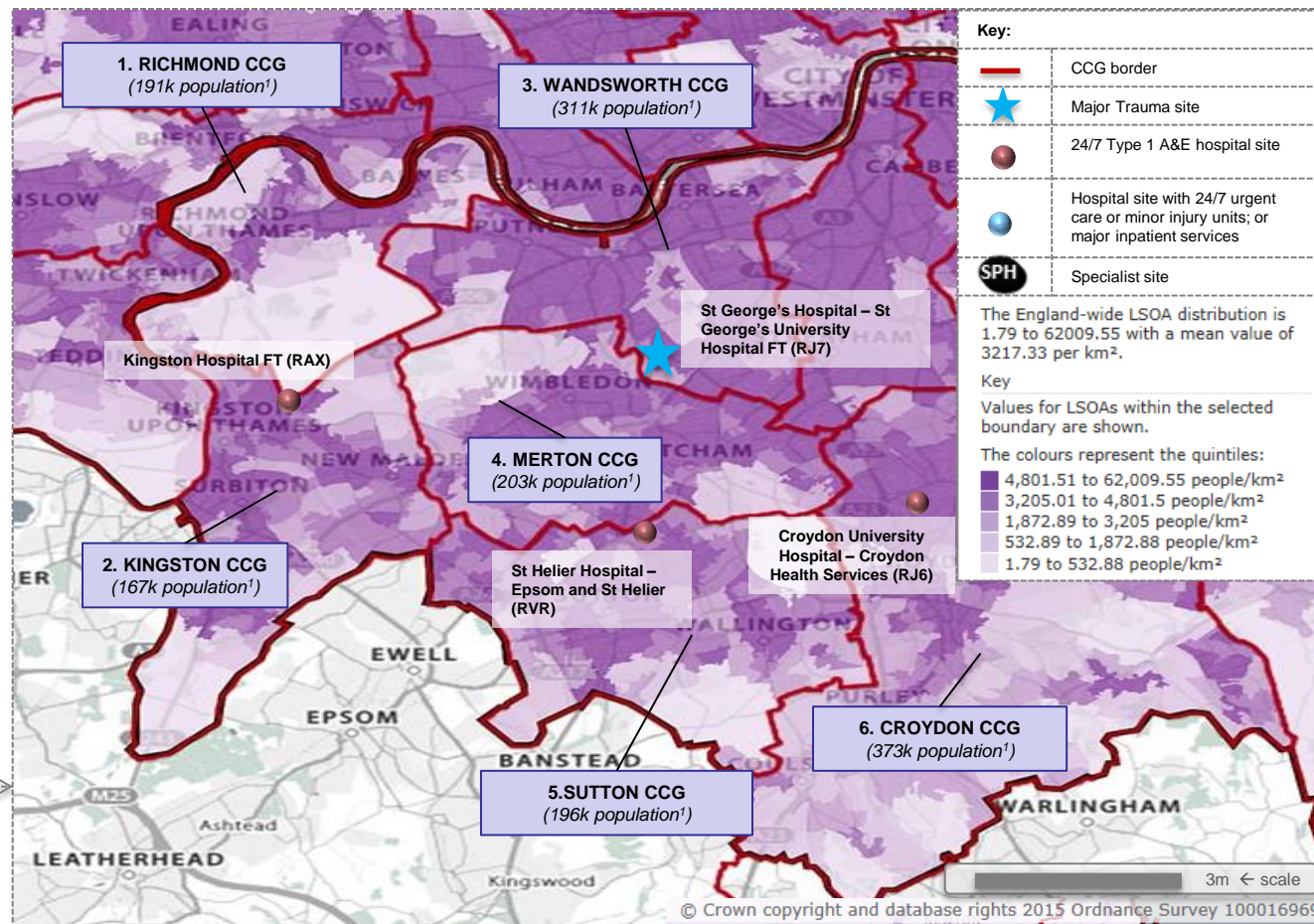
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Hillingdon CCG	<ul style="list-style-type: none"> <li>The Hillingdon Hospitals NHS FT £205m</li> </ul>	Central and North West London FT (£425m)	Harefield Hospital	Ambulance services provided by London Ambulance service	Chelsea & Westminster NHS FT
2. Harrow CCG	<ul style="list-style-type: none"> <li>London North West Healthcare Trust £434m</li> </ul>	London North West Healthcare Trust (£434m)	Western Eye Hospital		Imperial College Healthcare
3. Brent CCG	<ul style="list-style-type: none"> <li>London North West Healthcare Trust £434m</li> </ul>	London North West Healthcare Trust (£434m)	Royal Brompton Hospital		Royal Marsden
4. Ealing CCG	<ul style="list-style-type: none"> <li>Chelsea &amp; Westminster NHS FT £368m</li> </ul>	West London Mental Health Trust (£226m)	Royal Marsden Hospital		Royal Brompton and Harefield
5. Westminster CCG	<ul style="list-style-type: none"> <li>Imperial College Healthcare £976m</li> </ul>		St Mary's Hospital (MTC)		West London Mental Health Trust
6. Hounslow CCG	<ul style="list-style-type: none"> <li>Chelsea &amp; Westminster NHS FT £368m</li> </ul>				Central and North West London FT
7. Hammersmith & Fulham CCG	<ul style="list-style-type: none"> <li>Royal Brompton and Harefield NHS FT £356m</li> </ul>				
8. W London CCG					

# Local area 36: South West London

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of South West London.
- The Major Trauma centre at St George's Hospital is the hub of the South West London and Surrey trauma network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



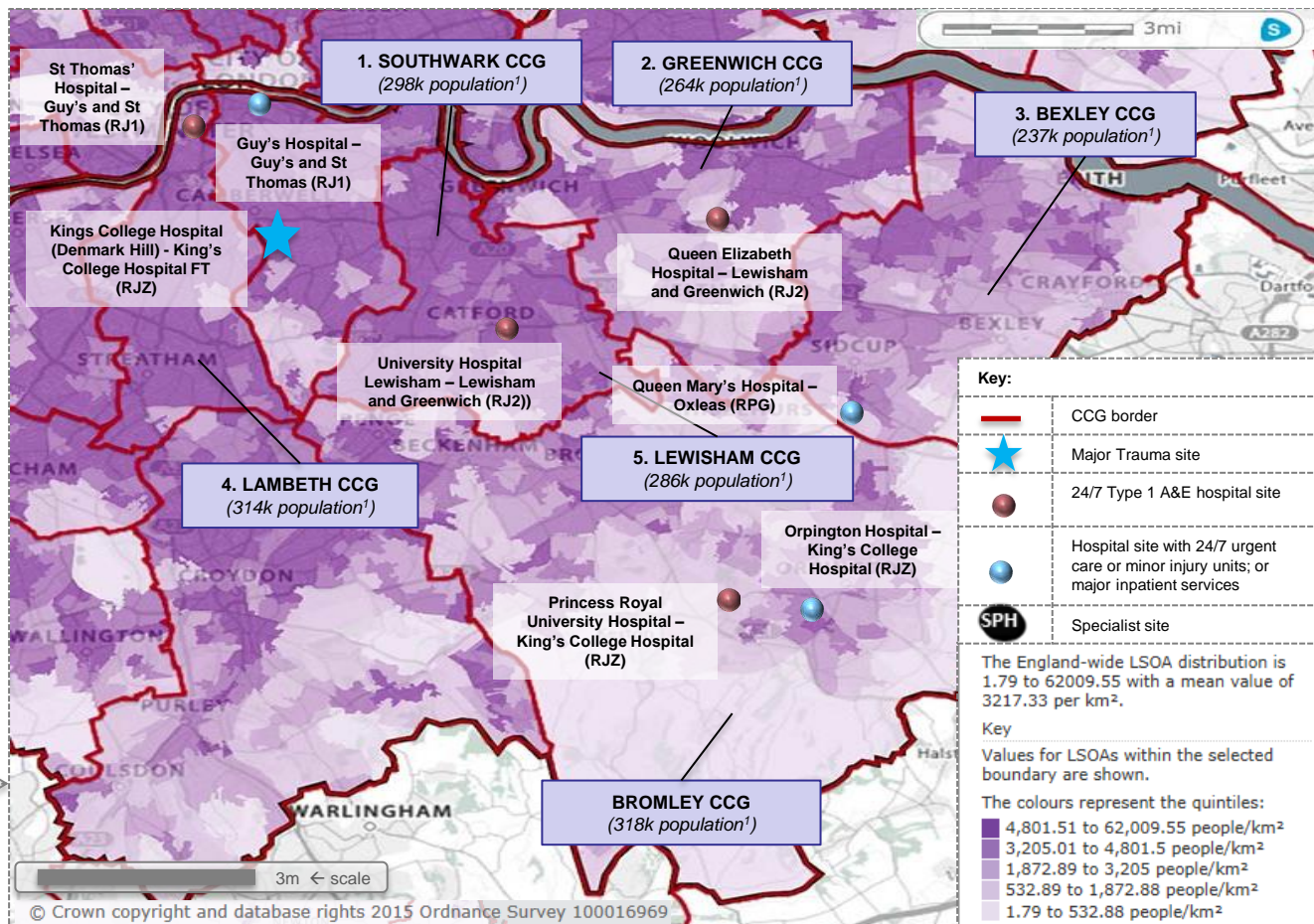
CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Richmond CCG					
2. Kingston CCG	<ul style="list-style-type: none"> <li>Kingston Hospital NHS FT £216m</li> </ul>				
3. Wandsworth CCG	<ul style="list-style-type: none"> <li>St George's University Hospital NHS FT £733m</li> </ul>				
4. Merton CCG					
5. Sutton CCG	<ul style="list-style-type: none"> <li>Epsom &amp; St Helier University Hospitals NHS Trust £365m</li> </ul>	<ul style="list-style-type: none"> <li>Hounslow &amp; Richmond Community Healthcare NHS Trust (£65m)</li> </ul>	<ul style="list-style-type: none"> <li>St George's Hospital (MTC)</li> </ul>	<ul style="list-style-type: none"> <li>Ambulance services provided by London Ambulance service</li> </ul>	<ul style="list-style-type: none"> <li>St George's University Hospital NHS FT</li> <li>Epsom &amp; St Helier University Hospitals NHS Trust</li> </ul>
6. Croydon CCG	<ul style="list-style-type: none"> <li>Croydon Health Services NHS Trust £243m</li> </ul>	<ul style="list-style-type: none"> <li>South West London &amp; St George's MH Trust (£155m)</li> </ul>			

# Local area 37: South East London

- The map to the right and table below highlight NHS organisations that purchase/provide the majority of services across the local geographical area of South East London.
- The Major Trauma centre at King's College Hospital is the hub for the South East London, Kent and Medway trauma network.
- These maps and tables are indicative only and intended to support initial local footprint discussions.
- All maps are sourced from:

<https://shape.phe.org.uk/>

Source: 1. ONS Mid 2013 population (000's); 2. TDA/Monitor submissions Total Trust/Provider revenue FY14/15.



CCG area	NHS Providers with A&E or main hospital sites located within CCG boundaries (Revenue in £ millions for FY14/15 <sup>2</sup> )	Main NHS MH/LD/Community providing services in this area	National /Regional Specialist centres/Major Trauma centres	Ambulance services	Providers located in this geography also providing services outside this area
1. Southwark CCG	King's College Hospital NHS FT	South London & Maudsley NHS FT (£345m)	King's College Hospital NHS FT (MTC and specialist)	Ambulance services provided by London Ambulance service	King's College Hospital NHS FT
2. Greenwich CCG	Lewisham and Greenwich Trust	Oxleas NHS FT (£226m)	Guy's and St Thomas' (specialist)		Guy's & St Thomas' NHS FT
3. Bexley CCG	Oxleas NHS FT				South London & Maudsley NHS FT
4. Lambeth CCG	Guy's & St Thomas' NHS FT				
5. Lewisham CCG	Lewisham and Greenwich Trust				
6. Bromley CCG	King's College Hospital NHS FT				



**For any queries relating to this document please contact Monitor's  
Local Health Economy Intelligence Unit at [LHEIU@monitor.gov.uk](mailto:LHEIU@monitor.gov.uk)**

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