

STHFT Board of Directors 21st June 2017 Research Update



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Presentation content....

1. STH Research Performance Metrics 2016/17
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Annual Report 2016/17 & Annual Plan 2017/18
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Annual Report 2016/17
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Annual General Meeting 10th May 2017
6. Life Sciences Industrial Strategy Board -
Meeting 4th July 2017

STH national performance metrics 2014/2017

Our trend analysis shows that STH continues to improve research performance as a result of several factors including more active recruitment by STH Directorates and more efficient R&D setup processes.

- In 2014/15 the number of patients recruited by STH to NIHR studies was **7786**
- In 2015/16 this increased to **8578** patients
- In 2016/17 this increased further to **11490** patients
- In 2016/17 the % of STH trials meeting the NIHR 70 day benchmark for was 90% (national target 80%).

CRN: Yorkshire and Humber Performance Summary 2016-17 SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST

Recruitment Summary 2016-17 (data cut 29/04/2017)

Recruitment	Total: 11,490
Percentage of YTD Recruitment Targets *	128%
Percentage of Year End Recruitment Targets **	128%
Trust Share of LCRN Recruitment	15.4%
Commercial : Non-Commercial Recruitment Ratio	3% : 97%

* YTD = Activity & Target to end of Mar. Performance against YTD target will be underestimated if data cut is early in month

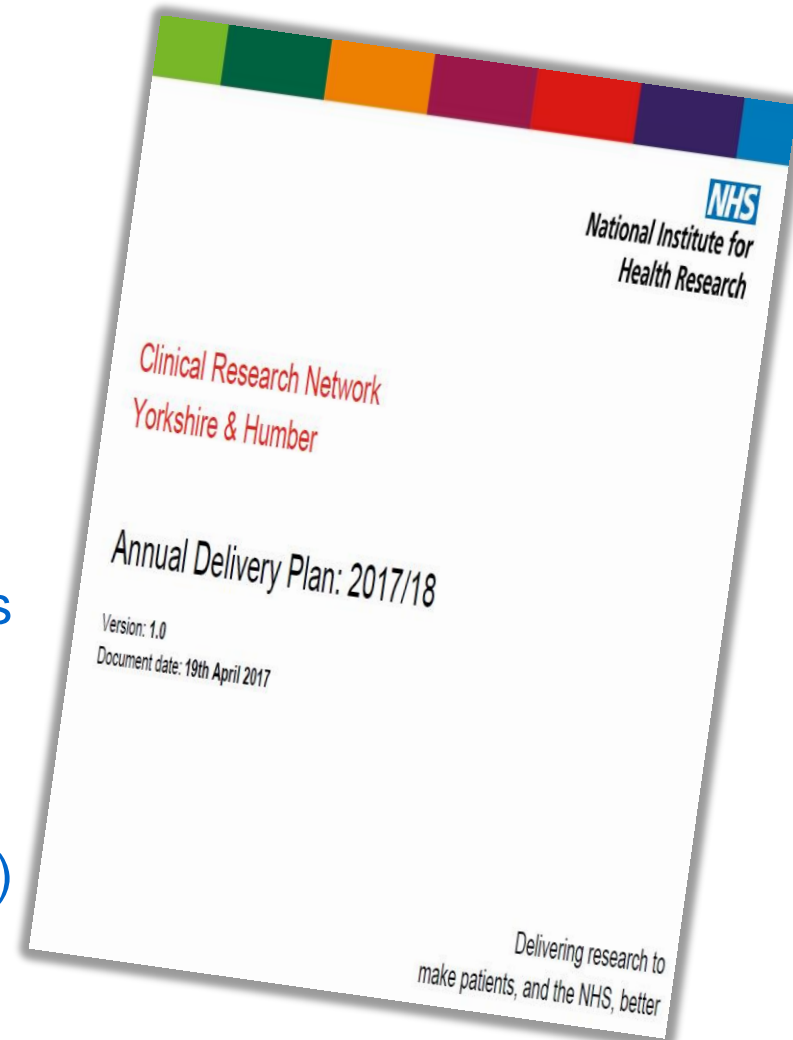
YH CRN Annual Report 2016/17

- 100 page report on the delivery of research across 30 Clinical Specialties and 22 Partner Organisations
- The network exceeded its recruitment target, ending the year having recruited 74,630 against a recruitment target 65,000.
- This ensured that YH CRN were the second highest network in England for overall recruitment, first in terms of complexity and sixth in terms of recruits per million of the region's population



YH CRN Annual Plan 2017/18

- 60 page plan for delivery of research across 30 Clinical Specialties and 22 Partner Organisations.
- Greatest challenge is to manage the reduction in YH CRN funding of over £1million for the second year in succession.
- We aim to minimise the impact of the £1,046,827 funding reduction by savings from central budgets (£385,949) and Partner Organisation allocations (£660,878)
- STH allocation reduced by 3.5% (£140k)
- Plan approved by STH as Host of YH CRN in April 2017



Sheffield Teaching Hospitals NHS FT Research Income

Income Category		Actual			Planned
		2014/15	2015/16	2016/17	2017/18
Clinical Trials:					
	Commercial	£2,217,418	£1,759,474	£2,244,456	£2,356,679
	Grant	£2,283,343	£3,412,839	£4,194,038	£4,403,740
	Commercial Grant	£75,060	£350,632	£346,897	£364,242
	Investigator/Directorate Account	£26,446	£55,587	£50,968	£53,517
Total Clinical Trials		£4,602,267	£5,578,532	£6,836,359	£7,178,177
NIHR Infrastructure:					
	Experimental Cancer Medicine Centre	£100,000	£100,000	£100,000	£100,000
	CRF Experimental Medicine	£662,069	£717,853	£762,412	£606,694
	Rare Diseases Translational Research Collaboration	£0	£196,177	£190,246	£0
	Biomedical Research Centre: Translational Neuroscience	£0	£0	£0	£449,638
	Devices for Dignity Healthcare Technologies Co-operative	£218,289	£244,521	£244,637	£187,500
	Child Prosthesis Research Collaboration	£0	£0	£375,000	£375,000
Other NIHR:					
	Research Capability Funding	£1,341,154	£1,196,431	£1,540,562	£1,536,551
Hosted Clinical Networks (Gross):					
	Yorkshire & Humber CRN - Core Funding	£28,731,024	£28,150,357	£26,998,536	£25,951,709
	Yorkshire & Humber CRN - National Specialty Leadership	£0	£0	£223,379	£238,121
	Yorkshire & Humber CRN - Chemo & Pharma Advisory Group	£0	£0	£52,844	£38,880
	Yorkshire & Humber CRN - Research Capability Funding	£1,059,117	£758,157	£611,039	£0
	Yorkshire & Humber CLAHRC - Core Funding	£2,046,041	£2,293,291	£2,125,904	£1,906,845
Grand Total		£38,759,961	£39,235,319	£40,060,918	£38,569,115

NIHR Collaborations for Leadership in Applied Health Research and Care (CLAHRC)

Yorkshire and Humber CLAHRC Strategic Partnership Board


15th June 2017

Annual Report 2016 - 2017

- Key metrics
- Match Funding
- Top 3 Achievements
- Industry
- Having an Impact
- Capacity Development
- Added Value Examples



Key metrics

<p>108 Projects</p>	<p>25,344 patients recruited</p>	<p>£8m External income</p>	<p>42 peer review publications</p>
<p>7 Research Platforms</p>	<p>Website 11,000 Users from 109 Countries</p>	<p>£518k Industry match</p>	<p>37 PhD Students</p>
<p>26 industrial partners</p>	<p>£2.8m in match funding</p>	<p> 2123 followers</p>	<p>58 projects completed</p>

Match Funding

Collaborator	Match Funding 2016 – 2017	Match Funding 2014 – 2018
Charity	174,002	582,301
Councils	43,505	481,499
Industry	517,974	2,682,737
NHS	1,124,763	5,558,950
Other	33,114	81,285
Universities	947,269	3,994,674
Total	2,840,627	13,381,447

Top Three Achievements



1. National recognition and spread of research

The eFI tool (Frailty) is now available in 99% of GP electronic health records and is the recommended tool in NICE Guidance for the management of multi-morbidity in Primary Care.

2. Inward investment to Yorkshire and Humber

Our collaboration has secured an additional £10.8m into the region, through grant capture in national competitions (including programme grants and research centres), and industry investment of £2.8million.

3. Improving research access to the YH population

We have recruited over 25,000 participants to high quality research this year, delivering research to time and target. We have particular expertise in engaging groups that are traditionally perceived as 'difficult to reach' in research. These groups include frail older people, people with SMI, obese and overweight people, and families from minority ethnic groups. NIHR CLAHRC YH platforms and projects are delivering impact and meaningful partnership with the YHCRN, delivering **34% of the region's recruitment target** (22,298 participants) this year.



8 NHS Trusts

- Central Manchester University Hospitals
- The Royal Liverpool and Broadgreen University Hospitals
- **Sheffield Teaching Hospitals**
- Hull and East Yorkshire Hospitals
- Lancashire Teaching Hospitals
- Newcastle upon Tyne Hospitals
- South Tees Hospitals
- Leeds Teaching Hospitals

8 Universities

- University of Manchester
- Lancaster University
- University of Liverpool
- Durham University
- **University of Sheffield**
- Newcastle University
- The Hull York Medical School
- University of Leeds

4 Northern AHSNs

NHSA Annual General Meeting – City Labs Manchester 10th May 2017

- NHSA 2016/17 Annual Review
- UK Life Sciences Industrial Strategy Board input
- NHSA Case Studies of Delivery for members
- Facts and figures on North's health economy
- New Members and Franchise Model proposal

FACTS AND FIGURES

BUSINESS AND INVESTMENT

The NHTA worked with over 30 companies last year, leading to over

£800,000

worth of commercial investment for member organisations from NHTA originated deal flow

NHTA helped develop a
£500,000

life sciences accelerator programme

In 2016 the NHTA handled
48 ENQUIRIES
from the private sector, translating into
31 NEW PROJECTS
benefitting NHTA members

PARTNERSHIPS

The NHTA is on the
PERSONALISED MEDICINE

All-Party Parliamentary Group

The NHTA is a formal partner of
HEALTH TECH WOMEN UK

The NHTA is a formal partner of the Government's
NORTHERN POWERHOUSE
Programme

OFFERING SUPPORT

The NHTA supported the submission of four Northern Biomedical Research Centre applications, which were awarded £55m

The NHTA has supported over six pan-regional research collaborations involving the majority of our member academic institutions and several NHS Trusts

The NHTA has facilitated the delivery of two high-value Inward Investments in partnership with UK Government, MPLN and Lumira DX with work ongoing to potentially deliver a third project

The NHTA continues to work closely with the Life Science Organisation (LSO), now part of the Department for International Trade (DIT)

The NHTA is a trusted advisor to the LSO helping coordinate Inward Investment missions

COLLABORATION

The NHTA pulled together five new pan-northern research networks

Development of the 'Network Collaborative Framework' in clinical research

Standardised research support processes within NHTA operations


NIHR BRC Directors' Forum facilitated by the NHTA

Active and Healthy Ageing Symposium

PROFILE

National coverage was achieved on the NHTA in the **Financial Times**, **The New Statesman**, on the **BBC** and the **Daily Mail** among others. In the big regional newspapers including Yorkshire Post, Newcastle Journal, Manchester Evening News, Northern Echo and in many health science sector press including DigitalHealth Age, EPN, Eto Portfolio, Hospital Matter and Lab Bulletin

There were **90,000,000** opportunities to see, hear or read about the NHTA in the media – a **1,700%** increase on the previous year

 views went up **250%**, followers went up **140%**
 views **10,000%** and followers **170%**

We attended International **Bioscience** conferences, Northern Powerhouse and political party conferences to raise the profile of the NHTA

This had an advertising value of nearly **£1,000,000** & a PR value of **£3,000,000** – an increase of **1,300%** on the previous period

Our Day of Action on November 23 was attended by **200** top health sciences leaders from across the North, government, civil service and industry. Two health ministers spoke in addition to the Chair of NHS England

Life Sciences Industrial Strategy Board - Next meeting 4th July 2017



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Additional Information



NIHR CRN: Yorkshire & Humber 2017/18 Funding Plan Summary

Partner/ Sector	Recruitment			Opening Funding		Change		
	2016/17 Target	2016/17 Actual	2017/18 Target	2016/17	2017/18	Recruitment Target	Funding	%
Acute Teaching & Specialist Trusts								
Bradford Teaching Hospitals NHS FT	6,000	9,078	6,500	£1,908,976	£1,842,222	500	£66,754	-3.5%
Leeds Teaching Hospitals NHS Trust	13,000	12,431	13,169	£5,472,041	£5,282,454	169	£189,587	-3.5%
Sheffield Teaching Hospitals NHS FT	9,000	11,490	9,166	£3,988,645	£3,848,392	166	£140,253	-3.5%
York Teaching Hospital NHS FT	3,539	4,558	3,689	£1,397,538	£1,349,190	150	£48,348	-3.5%
Total Acute Teaching Trusts	31,539	37,557	32,524	£12,767,200	£12,322,259	985	£444,941	-3.5%
Specialist Trusts								
Sheffield Children's NHS FT	813	912	946	£346,528	£337,949	133	£8,579	-2.5%
Total Specialist Trusts	813	912	946	£346,528	£337,949	133	£8,579	-2.5%
Other Acute Trusts								
Airedale NHS FT	550	832	600	£434,330	£421,492	50	£12,838	-3.0%
Barnsley Hospital NHS FT	400	1,032	500	£212,811	£207,393	100	£5,418	-2.5%
Calderdale and Huddersfield NHS FT	1,342	2,628	1,473	£758,556	£736,040	131	£22,516	-3.0%
Doncaster and Bassetlaw Hospitals NHS FT	1,000	1,593	1,000	£344,144	£335,407	0	£8,737	-2.5%
Harrogate and District NHS FT	2,800	3,129	2,849	£878,691	£848,304	49	£30,387	-3.5%
Hull and East Yorkshire Hospitals NHS Trust	6,200	9,118	6,000	£1,732,098	£1,671,848	-200	£60,250	-3.5%
Mid Yorkshire Hospitals NHS Trust	1,218	1,954	1,473	£835,449	£806,404	255	£29,045	-3.5%
Northern Lincolnshire and Goole NHS FT	1,300	690	1,453	£507,788	£492,639	153	£15,149	-3.0%
The Rotherham NHS FT	450	540	450	£224,440	£218,780	0	£5,660	-2.5%
Total Other Acute Trusts	15,260	21,516	15,798	£5,928,307	£5,738,306	538	£190,001	-3.2%
Mental Health Trusts								
Bradford District Care Trust	500	788	550	£307,906	£300,109	50	£7,797	-2.5%
Humber NHS FT	660	805	660	£304,891	£297,244	0	£7,647	-2.5%
Leeds and York Partnership NHS FT	600	883	650	£270,772	£263,914	50	£6,858	-2.5%
Rotherham Doncaster and S Humber NHS FT	175	672	252	£24,442	£36,660	77	£12,218	50.0%
Sheffield Health and Social Care NHS FT	450	998	580	£196,786	£193,832	130	£2,954	-1.5%
South West Yorkshire Partnership NHS FT	525	785	525	£123,027	£121,167	0	£1,860	-1.5%
Sector Stretch Target	1,000	0	0	£0	£0	-1,000	£0	
Total Mental Health Trusts	3,910	4,931	3,217	£1,227,824	£1,212,925	-693	£14,899	-1.2%
Other Trusts								
Leeds Community Healthcare NHS Trust	200	716	720	£119,507	£117,664	520	£1,843	-1.5%
Yorkshire Ambulance Service NHS Trust	750	1,205	750	£63,729	£63,113	0	£616	-1.0%
Total Other Trusts	950	1,921	1,470	£183,236	£180,777	520	£2,459	-1.3%
Total Partner Organisations								
Primary Care	13,573	6,107	10,000	£1,328,555	£1,302,739	-3,573	£25,816	-1.9%
Other - Non NHS	0	1,686	1,997			1,997		
Total Delivery	66,045	74,630	65,952	£21,781,650	£21,094,955	-93	£686,695	-3.2%
Central Budgets								
STH Core Hosting				£304,037	£286,335		£17,702	-5.8%
Leadership & Management				£699,792	£635,518		£64,274	-9.2%
Clinical Leadership				£546,000	£496,000		£50,000	-9.2%
Network Support				£2,108,346	£1,747,535		£360,811	-17.1%
Cohort				£1,306,137	£1,232,385		£73,752	-5.6%
Reserve				£252,576	£458,982		£206,406	81.7%
Total Central Budgets				£5,216,888	£4,856,755		£360,133	-6.9%
Grand Total Network	66,045	74,630	65,952	£26,998,538	£25,951,710	-93	£1,046,828	-3.9%