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England

Protecting and improving the nation's health

Seasonal influenza vaccine uptake in healthcare workers (HCWs) in England: winter season 2017 to 2018

**Final data for 1 September 2017 to 28
February 2018**

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Key points

This document describes and reports on the uptake of seasonal influenza vaccine amongst frontline healthcare workers (HCWs) during the 2017 to 2018 vaccination campaign in England cumulative vaccinations administered up to end 28 February 2018.

Frontline HCWs involved in direct patient care are encouraged to receive seasonal influenza vaccination annually to protect themselves and their patients from influenza¹. 100% of the 246 NHS (acute trusts, ambulance trusts, mental health trusts, foundation trusts, primary care, and independent sector health care providers (ISHCP)) returned data for the final survey on cumulative influenza vaccines administered from 1 September 2017 to 28 February 2018.

Data were collected by staff groupings (doctors, qualified nurses, other professionally qualified clinical staff, and clinical support staff) from each trust and aggregated by trust, local NHS England teams, region and nationally. The 2017 to 2018 season saw 68.7% of all frontline HCWs (from all organisations) with direct patient care reported to have received the 2017 to 2018 seasonal influenza vaccine in England. This is a significant increase in uptake compared with 63.2% of all frontline HCWs who received the seasonal influenza vaccine in the 2017 to 2018 season.

Regional and local vaccine uptake:

- seasonal influenza vaccine uptake (from all trusts) aggregated by local NHS England team ranged from 64.2% to 80.8%
- the highest seasonal influenza vaccine uptake by NHS trust was 92.3%, with 27.5% of all trusts (64/233) achieving vaccine uptake rates of 75% or more
- seasonal influenza vaccine uptake (from GP practices and ISHCPs) aggregated by local NHS England Team ranged from 50.5% to 69.6% with 0/25 local NHS England teams reporting uptake of 75% or greater

Vaccine uptake by staff group:

- the highest seasonal influenza vaccine uptake by staff group was achieved among all GP practice nurses across England with an uptake rate of 72.5% followed by support to clinical staff with an uptake of 72.0%. The lowest uptake was 61.5% in support to GP staff.

¹National influenza vaccination programme 2017 to 2018
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/600880/annual_flu_letter_2017to2018.pdf

Notes on the report

Intended audience

This report is aimed at professionals directly involved in the delivery of the influenza vaccine in frontline healthcare workers, local NHS England Teams, governmental organisations and researchers with an interest in the influenza vaccination programme in England.

Aim of the report

This report provides an update on influenza vaccination uptake (%) in frontline healthcare workers involved in direct patient care. The data is presented to understand the progress of the influenza vaccine uptake amongst the frontline healthcare workers (by staff group, Trusts, local NHS England teams and regions) compared to the previous seasons. This report will also support the future planning of seasonal influenza vaccination amongst frontline healthcare workers.

Background

Frontline healthcare workers (HCWs) involved in direct patient care are encouraged to receive seasonal influenza vaccination annually to protect themselves and their patients from influenza¹. To assess the uptake of influenza vaccines for the 2017 to 2018 winter season among HCWs, a seasonal influenza vaccine uptake survey of all 246 NHS organisations (acute, ambulance, mental health, primary care, local NHS England teams and foundation trusts) in England was undertaken.

Public Health England (PHE) co-ordinated and managed the data collection, and produced monthly provisional data on vaccinations allowing the National Health Service (NHS) and Department of Health (DH) to track the progress of the programme during the 2017 to 2018 influenza season. This collection received an approval as a mandatory collection from the Review of Central Returns Steering Committee (ROCR) under license ROCR/OR/2209/001MAND.

The Commissioning for Quality and Innovation (CQUIN) scheme was introduced in the 2016 to 2017 season and was continued this season (2017 to 2018) with the intention to deliver clinical quality improvements and drive transformational change. One of the indicators under the NHS Staff health and wellbeing is improving the uptake of influenza vaccination for frontline staff within providers by introducing payment incentives to trusts who reach high uptake rates (100% payment for Trusts who reach the uptake rate of 70% or more).

The aims and objectives of the 2017 to 2018 seasonal influenza vaccine uptake campaign amongst HCWs in England were to:

- monitor vaccine uptake amongst HCWs to inform the management and progress of the national vaccination programme
- allow DH, Local NHS teams, and NHS trusts to review national, regional, and local vaccine programme performance and identify staff groups and local/regional areas where coverage is high and to identify best practice to inform activities to increase uptake and where low to increase uptake further
- gather epidemiological data to support the evaluation and future planning of seasonal influenza vaccinations amongst frontline HCWs

Methods

Cumulative data on seasonal influenza vaccine uptake was collected from all NHS trusts², using the ImmForm website. Data was collected on frontline HCWs with direct patient care in 5 monthly surveys for vaccinations administered between 1 September 2017 and 28 February 2018 (inclusive). This included the following staff groups: doctors, qualified nurses, other professionally qualified clinical staff, and clinical support staff. These were the same groups that were monitored in previous seasons. Staff group definitions used were identical to NHS Workforce Census definitions and are described in detail in [Appendix A](#). Trusts identify frontline HCWs eligible to receive seasonal influenza vaccine (the denominator) and record all those that are vaccinated (the numerator) to calculate their overall vaccine uptake.

Each monthly survey on the ImmForm website was opened for data submission over the first 11 working days of each survey month, (with adjustments/extensions made to allow for public holidays in some weeks). The 2017 to 2018 monthly data collection schedule with original survey deadlines is provided in [Appendix B](#).

Trusts had 7 working days to submit data manually onto the ImmForm website. The local NHS England teams were allocated an additional 2 working days to amend and validate. The local NHS England teams also had responsibility to follow up with non-responding trusts, GP practices and ISHCPs to ensure data were submitted. Additional follow up was undertaken by PHE of non-responding trusts or for data validation as required.

The data in this report is as submitted by trusts and local NHS England teams and have not been altered except by specific request from nominated representatives of the trust (see [Appendix C](#)).

ImmForm website

One of the functions of the ImmForm website is to provide a secure platform for vaccine uptake data collection for several immunisation surveys, including this collection. It allows the local NHS England teams and trusts to:

- provide information on the trust type, trust status and survey coverage ([Appendix D](#))
- view vaccine uptake rates by staff group allowing data providers to review and assess progress for their own trust/local NHS England team
- compare vaccine uptake figures anonymously with other local NHS England teams and trusts (with trusts being able to view their data at national, regional, and local

² This included acute NHS trust, ambulance NHS trust, care trust NHS, area team (GP/ISHCP), mental health trust, primary care and other trusts.

levels) allowing data providers to compare their own performance with other organisations

- allow local NHS England teams to view a 'non-responder' report that highlights trusts in their region that have not yet submitted data, thus allowing follow-up.

Data limitations

All the data needed to calculate vaccine uptake were entered manually directly onto the ImmForm website by trusts. All trusts were asked to submit cumulative data monthly over 5 months. As none of these data were extracted from information systems there is always going to be the possibility of human error or misinterpretation. The ImmForm survey form has basic automated validation checks to ensure logical consistency, for example, ensuring that the sum of the figures for individual staff group match the total for all frontline HCWs, and that the number vaccinated must be less than or equal to the number of reported frontline HCWs. As part of an exercise to improve data quality and remove input errors, the submitted data were then manually checked and validated.

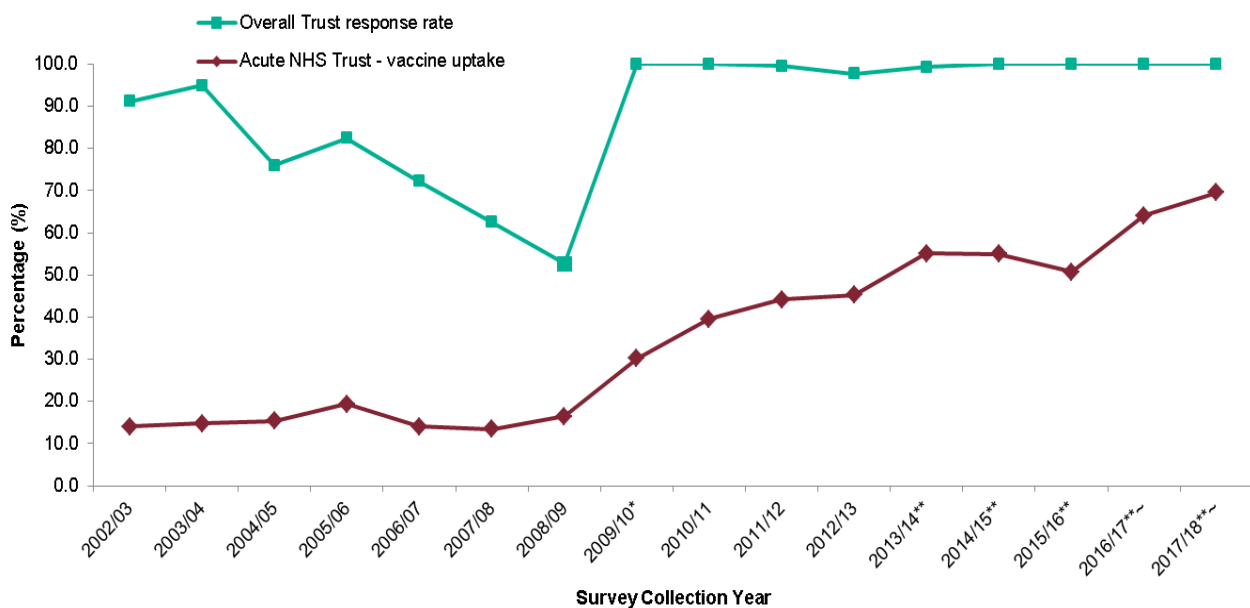
Results

A total of 246 out of 246 organisations (100% response rate) submitted data on seasonal influenza vaccinations administered up to 28 February 2018. The same response rate of 100% (262/262) was seen in 2016 to 2017 season. Since the last influenza season, the total number of organisations has decreased from 262 to 246 organisations due to hospitals and area teams (local NHS England teams) merging. A summary of the main results at national, regional, and local level are outlined below.

National vaccine uptake rates

Overall, 68.7% (706, 075/1,027,547) of frontline HCWs received the seasonal influenza vaccine during the 2017 to 2018 season, compared with 63.2% in 2016 to 2017 and 50.6% in 2015 to 2016³ (Figure 1). Appendix D (Table 2) shows national (England) seasonal influenza vaccine uptake figures for the 2017 to 2018 season broken down by each local NHS England team and Trust.

Figure 1: Seasonal influenza vaccine uptake and response rate for acute trusts for season 2017 to 2018 compared with previous seasons



*pandemic year in which the HCWs vaccine uptake survey expanded to include other trusts, such as ambulance, mental health, and primary care trusts

**Data provided from acute, care, community, foundation and mental health trusts (excludes ambulance and trust and GP practice/ISHCP data)

**~ CQUIN scheme was introduced/continued

³ Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCW's) in England, 2012 to 2017 figures available at www.gov.uk/government/collections/vaccine-uptake

National vaccine uptake rates by staff group

The highest seasonal influenza vaccine uptake by staff group was amongst GP practice nurses (72.5%) compared to 65.4% in 2016 to 2017 season. The lowest uptake was among support to GP staff (61.5%) compared to 56.7% in 2016 to 2017 season (Figure 2). The vaccine uptake has increased in all staff groups compared to the last influenza season (2016 to 2017).

Uptake of the seasonal influenza vaccine increased significantly during the first 4 months of vaccination and began to level off from January onwards (Figure 3).

Figure 2: Seasonal influenza vaccine uptake in healthcare workers (HCWs) by staff groupings in England for 2017 to 2018 compared with 2016 to 2017

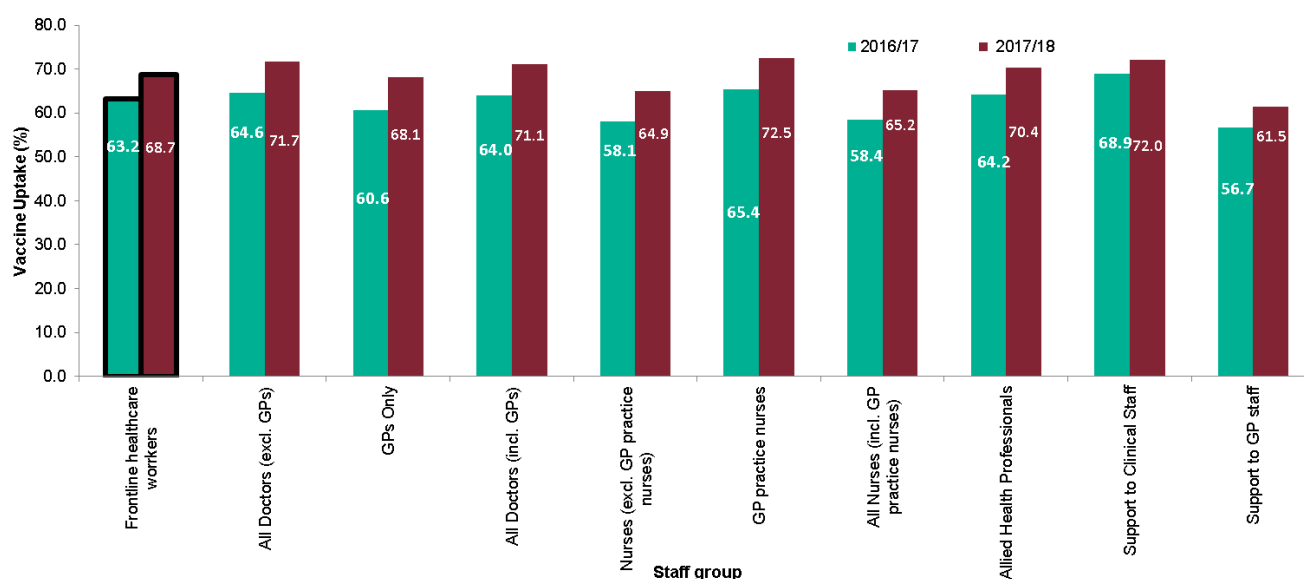
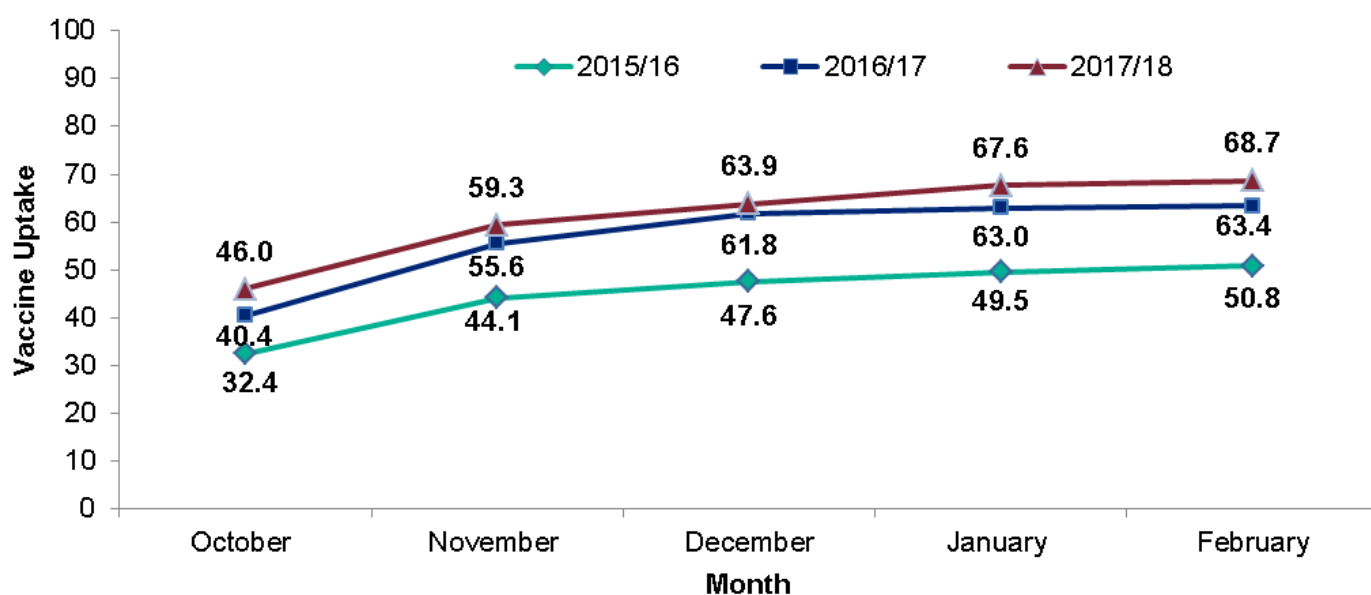


Figure 3: Seasonal influenza vaccine uptake in healthcare workers (HCWs) by month for England 2017 to 2018 season compared with 2016 to 2017 and 2015 to 2016 seasons.



Vaccine uptake rates by local NHS England team and former area team

Seasonal influenza vaccine uptake (from all trusts) aggregated by local NHS England team ranged from 64.2% to 80.8% with 2/14 local NHS England teams reporting uptake of 75% or greater. The highest vaccine uptake was achieved in the North of England region and the lowest was reported in London region. Figure 5 shows the seasonal influenza vaccine uptake (from all trusts) aggregated by former area team.

Figure 4: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in Trust by local NHS England Team and Regions in 2017 to 2018

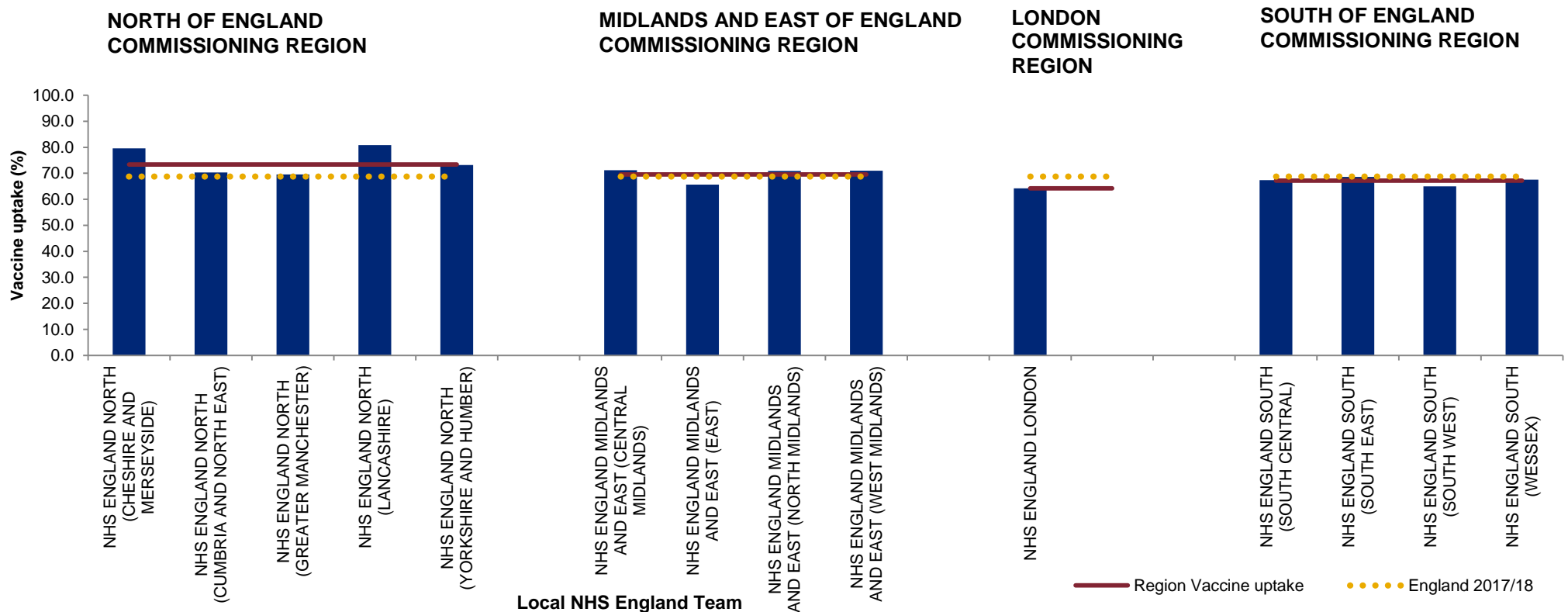
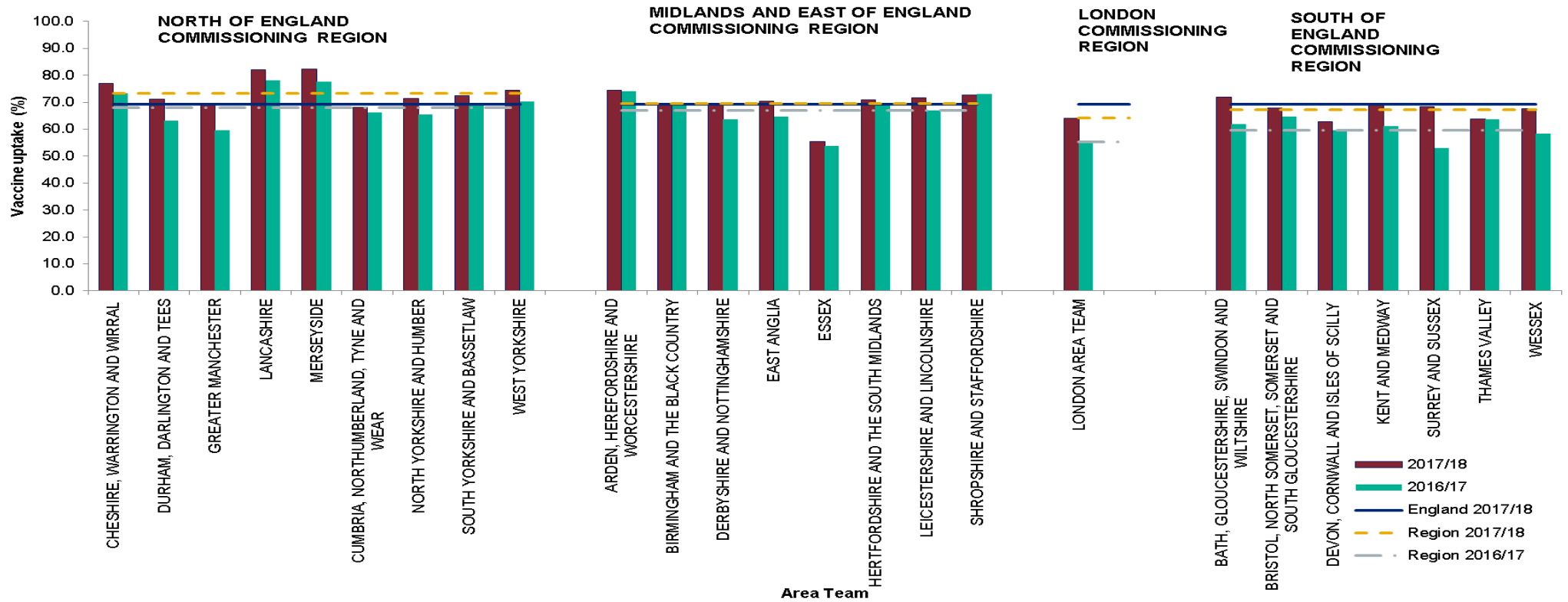


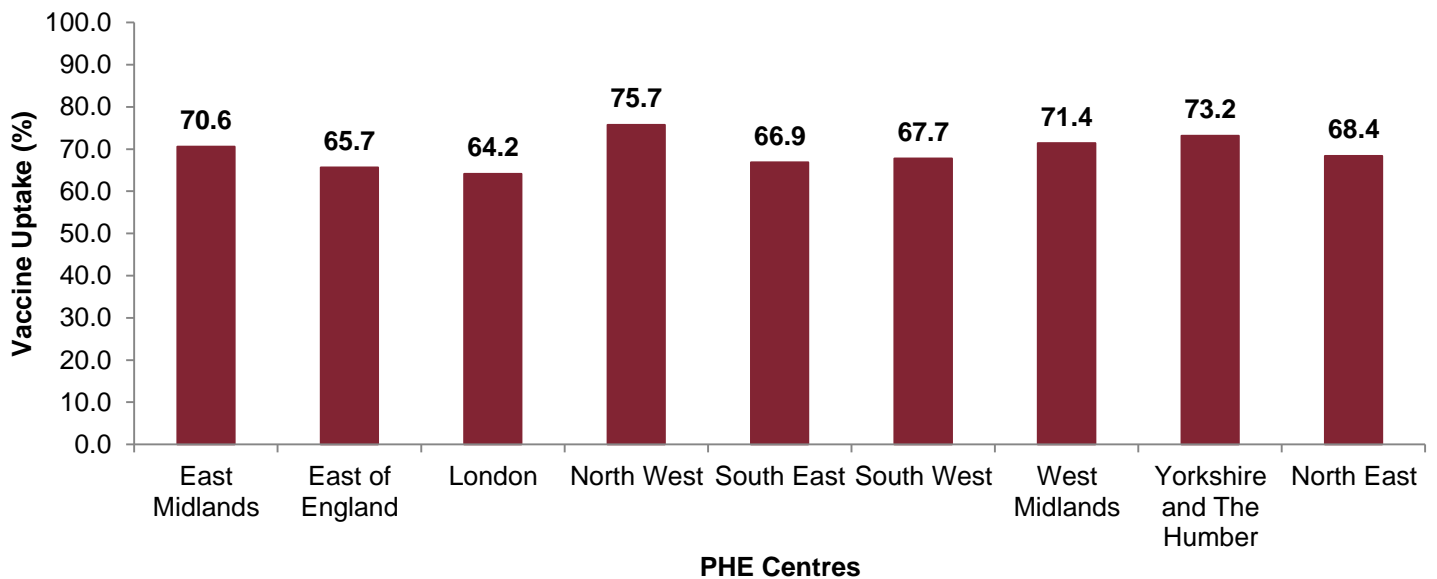
Figure 5: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in Trust by former Area Team and Regions in 2017 to 2018 compared with 2016 to 2017



Vaccine uptake rates by PHE centre

Seasonal influenza vaccine uptake (acute trusts) aggregated by PHE centres ranged from 64.2% to 75.7% (Figure 6). The highest vaccine uptake was achieved in the North West PHE centre (75.7%) and the lowest was reported in London PHE centre (64.2%).

Figure 6: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in NHS trusts by PHE centres for 2017 to 2018 season



Seasonal influenza vaccine uptake (from GP Practices and ISHCs) aggregated by local NHS England teams ranged from 50.5% to 69.6% with 0/25 local NHS England teams reporting uptake of 75% or greater.

Figure 7: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in primary care and ISHCP in England by local NHS England Teams 2017 to 2018

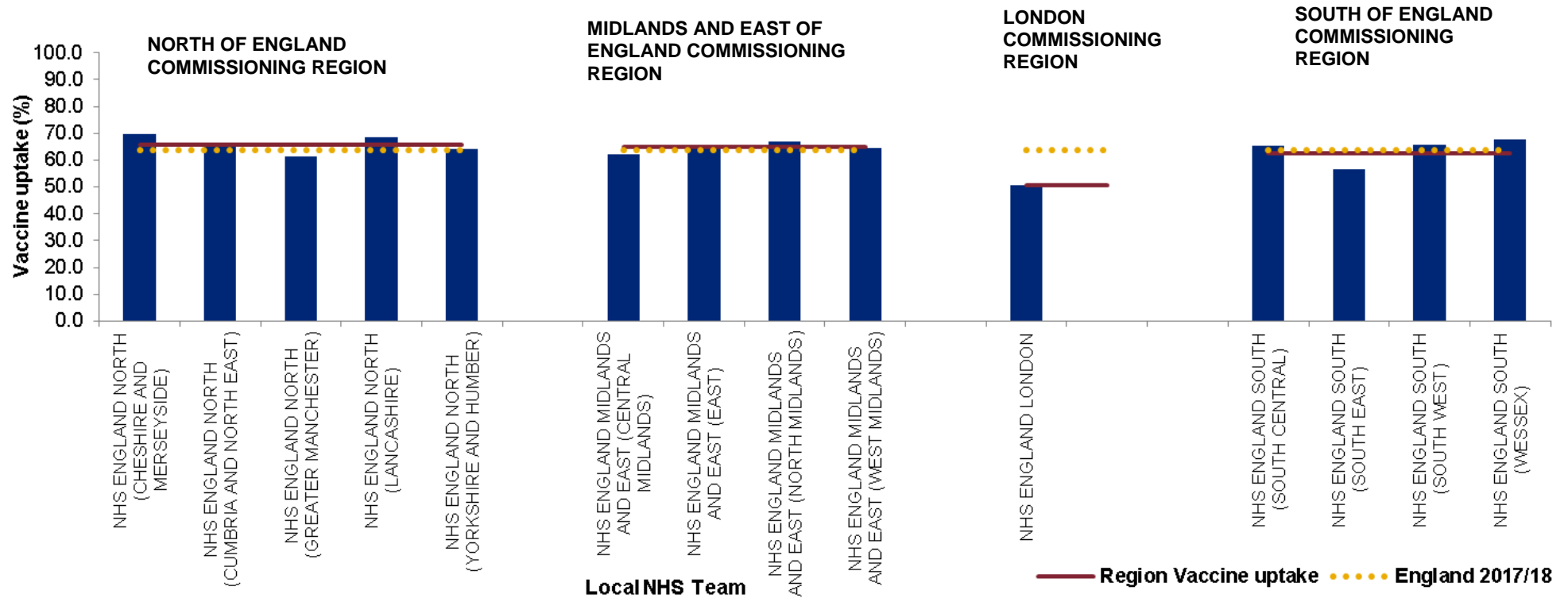
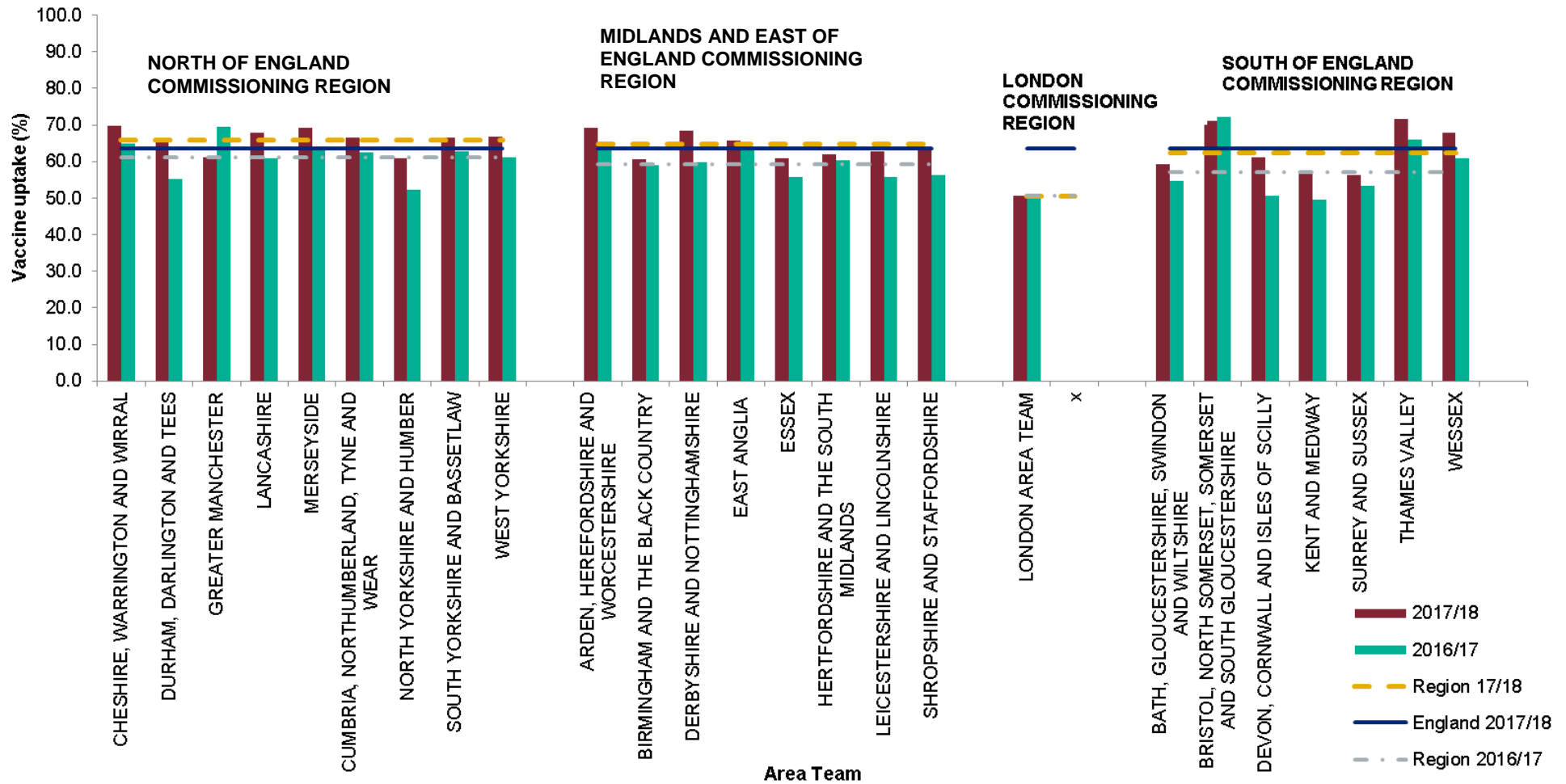


Figure 8: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in primary care and ISHCP in England by former Area Team 2017 to 2018 compared with 2016 to 2017



Vaccine uptake rates by trust

The median seasonal influenza vaccine uptake by trust was 70.8%, with an interquartile range (IQR) of 62.8% to 75.1%. The highest seasonal influenza vaccine uptake reported by a trust was 92.3%, with 27.5% of all trusts (64/233) achieving vaccine uptake rates of 75% or more. The lowest seasonal influenza vaccine uptake reported by a trust was 38.9%.

Vaccine uptake rates by trust type

Seasonal influenza vaccine uptake by trust type ranged from 63.3% for HCWs in local NHS England team compared to 69.5% in Acute NHS Trusts (Table 1). The uptake by all trust types (acute trusts, ambulance trusts and area team) has increased in comparison to previous seasons and response rate remained consistent with the previous season at 100%.

Table 1: Seasonal influenza vaccine uptake in frontline HCWs by trust type, for England 2017 to 2018 compared to previous seasons up to 2014 to 2015

Trust Type	Seasonal Influenza Vaccinations in healthcare Workers with direct patient care (HCWs) All Trusts comparison for season 2014/15 to 2017/18											
	2014/15 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/14 to 28/02/15)			2015/16 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/15 to 29/02/16)			2016/17 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/16 to 28/02/17)			2017/18 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/17 to 28/02/18)		
	No. of HCWs with Direct Patient Care	Number vaccinated	Vaccine Uptake (%)	No. of HCWs with Direct Patient Care	Number vaccinated	Vaccine Uptake (%)	No. of HCWs with Direct Patient Care	Number vaccinated	Vaccine Uptake (%)	No. of HCWs with Direct Patient Care	Number vaccinated	Vaccine Uptake (%)
Acute NHS Trust	853,762	469,738	55.0%	871,502	442,388	50.8%	857,947	550,163	64.1%	892,617	620,355	69.5%
Ambulance NHS Trust	30,530	13,651	44.7%	32,901	14,123	42.9%	35,338	18,758	53.1%	33,357	21,439	64.3%
Local NHS England Team	103,018	58,368	56.7%	92,574	48,319	52.2%	96,445	56,165	58.2%	101,573	64,281	63.3%
Total Number of HCWs	987,310	541,757	54.9%	996,977	504,830	50.6%	989,730	625,086	63.2%	1,027,547	706,075	68.7%

¹ Acute trusts figures consist of acute trusts, mental health trusts, care trusts, other NHS trusts

² Local NHS Team figures consist of GP practices and ISHCPs

Discussion

The 2017 to 2018 influenza season recorded a seasonal influenza vaccine uptake of 68.7% amongst HCWs in England, an increase in uptake by 5.5% (63.2% achieved in 2016 to 2017 season). This is the highest uptake achieved since the start of the programme, in the 2002 to 2003 season when the uptake was 14.0%. The CQUIN scheme was introduced last influenza season (2016 to 2017) and was continued this season (2017 to 2018) in order to improve the uptake of influenza vaccination for frontline staff within providers. In 2017 to 2018 season, 27.5% of all trusts achieved vaccine uptake rates of 75% or more. The highest vaccine uptake by staff group was achieved among GP practice nurses, however under 32% of HCWs in direct contact with patients (approximately 321,472 HCWs), still did not receive the influenza vaccine this season.

Vaccine uptakes by NHS trusts show a wide variation, with a large number of trusts achieving uptake levels around or in excess of the national target of 75%. Therefore, it is important to understand what strategies such trusts employ to deliver their programme to identify the best practices currently achieved. Some work has been undertaken to identify what strategies NHS trusts employ and which might increase uptake with such findings promulgated by Flu Fighters⁴.

For 2017 to 2018 season, further details on the inclusion and exclusion criteria of frontline healthcare workers were added to the user guide. Despite efforts by PHE and all the participating NHS trusts in data provision, data validation remained necessary to ensure the minimisation of double counting by related organisations (See [Appendix A](#)).

A continued increase in seasonal influenza vaccine uptake amongst HCWs remains important to lower the risk of influenza infection amongst HCWs themselves (who may be at increased risk of exposure to influenza compared with the general population), their patients, and their families.

UK studies have shown that the seasonal influenza vaccination lowers the risk of influenza infection in young adults^{5,6} and, when healthcare workers are vaccinated, lowers rates of

⁴ Edelstein M, Pebody R. Can we achieve high uptakes of influenza vaccination of health care workers in hospitals? A cross-sectional survey of NHS trusts in England. *Epidemiol Infect* 2014; 143(2): 438-47.

⁵ Fleming et al. (1995) Study of the effectiveness of influenza vaccination in the elderly in the epidemic of 1989/90 using a general practice database. *Epidemiol Infect* **115**: 581–9.

⁶Fleming et al. (2010) Estimating influenza vaccine effectiveness using routinely collected laboratory data. *J. Epidemiol. Community Health*. **64**: 1062-7.

influenza-like illness, hospitalisation, and mortality in vulnerable patients in long-term healthcare settings are observed.^{7,8,9}

The Health and Social Care Act 2008, Code of Practice on the prevention and control of infections and related guidance emphasises the need to ensure, so far as is reasonably practicable, that care workers are free of and are protected from exposure to infections that can be caught at work and that all staff are suitably educated in the prevention and control of infection associated with the provision of health and social care. Registered providers should therefore ensure that policies and procedures are in place in relation to the prevention and control of infection such that:

- all staff can access occupational health services or appropriate occupational health advice
- occupational health policies on the prevention and management of communicable infections in care workers are in place
- decisions on offering immunisation should be made on the basis of a local risk assessment as described in Immunisation against infectious disease ('The Green Book')
- employers should make vaccines available free of charge to employees if a risk assessment indicates that it is needed (COSHH Regulations 2002)
- there is a record of relevant immunisations

Further information on the Code of Practice can be found on the DH website from the following link:

www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/documents/digitalasset/dh_123923.pdf

NHS Employers has continued to run a national seasonal influenza vaccination campaign aimed at frontline healthcare workers within the NHS. They have delivered the 'Flu Fighter' campaign for four years, supporting teams and individuals in NHS trusts to improve their staff flu vaccination uptake figures. The flu fighter campaign provides support, advice and guidance on effective practice on improving HCW uptake through regular email updates, latest news articles, workshops, webinars and networks. The team at NHS Employers also provides trusts with printed flu fighter materials to support their local campaigns and raise awareness of the staff flu vaccination. Key areas of good practice and innovation have been identified through the flu fighter network of over 1,000 individuals or teams across the

⁷Potter *et al.* (1997) The influenza vaccination of healthcare workers in long-term-care hospitals reduces the mortality of elderly patients. *Journal of Infectious Diseases* **175**:1-6

⁸Carman *et al.* (2000) Effects of influenza vaccination of healthcare workers on mortality of elderly people in long term care: a randomised control trial. *The Lancet*, **355**:93-7.

⁹Hayward *et al.* (2006). Effectiveness of an influenza vaccine programme for care home staff to prevent death, morbidity, and health service use among residents: cluster randomised controlled trial. *British Medical Journal*, **333**:1241-7.

NHS who are responsible for delivering their local staff flu vaccination campaign. Further information about the campaign and support for trusts can be found on the NHS Employers website www.nhsemployers.org/flu

Acknowledgements

The authors would like to thank everyone that contributed to the data collection, specifically:

- staff who participated in and supported the HCWs seasonal influenza vaccine uptake collection, principally trust and local NHS England team data providers in England
- Respiratory Department, National Infection Service, PHE
- Odette Eugenio and Tania Kelly project management team (ImmForm), ImmForm team and the ImmForm support team.

Appendix A Staff group definitions

Please note GPs and GP practice nurses are separated further within the dataset on the ImmForm website – see the dataset at Annex B.

Data Item	Definitions of staff groups
All doctors	<p data-bbox="593 607 1289 725">Professionally Qualified Clinical Staff - consisting of all professional staff with direct patient care.</p> <p data-bbox="593 902 1289 1106">All doctors – consists of all doctors and dentists working in hospital and the community and GPs (excluding retainers). The figures include all grades of hospital, community and public health doctor or dentist, including:</p> <ul data-bbox="593 1128 1289 1653" style="list-style-type: none"><li data-bbox="593 1128 762 1158">- consultant<li data-bbox="593 1200 748 1229">- registrars<li data-bbox="593 1272 911 1301">- senior house officers<li data-bbox="593 1344 1007 1373">- foundation years 1 & 2 staff<li data-bbox="593 1415 783 1444">- staff grades<li data-bbox="593 1487 906 1516">- associate specialists<li data-bbox="593 1559 1230 1588">- clinical assistants and hospital practitioners<li data-bbox="593 1630 743 1659">- students.

Data Item	Definitions of staff groups
Qualified Nurses	<p>Qualified nurses including practice nurses – consists of qualified nursing, midwifery and health visiting staff, working in the hospital, community services and general practice. These nurses have at least first level registration. They include:</p> <ul style="list-style-type: none"> - nurse consultants - nurse managers - bank nurses - students.
<p>All other professionally qualified clinical staff</p> <p>This comprises of:-</p> <p>Qualified scientific, therapeutic & technical staff (ST&T),</p> <p>Qualified allied health professionals (AHPs)</p> <p>Other qualified ST&T</p> <p>Qualified ambulance staff</p>	<p>Qualified scientific, therapeutic & technical staff (ST&T) – qualified health professionals and students including:</p> <ul style="list-style-type: none"> - consultant therapists - ST&T managers - healthcare scientists. <p>These staff work alongside doctors, nurses and other health professionals and are categorised into the following 2 groups:</p> <p>Qualified AHPs – qualified allied health professionals (AHPs) and students are the following staff:</p> <ul style="list-style-type: none"> - chiropodists/podiatrists - dieticians - occupational therapists - orthoptists

Data Item

Definitions of staff groups

- physiotherapists
- radiographers
- art/music/drama therapists
- speech & language therapists

In primary care, AHPs work in teams with GPs, nurses and other professionals, such as social workers, to provide quick and effective care for patients without the need for them to go into hospital.

Other qualified ST&T – other qualified health professionals includes:

- healthcare scientists
- pharmacists
- students.

These are other staff working in key professional roles.

Qualified ambulance staff – the staff includes:

- ambulance paramedics
- technicians
- emergency care practitioners
- ambulance service managers

From 2006, ambulance staff have been collected under more detailed occupation codes which can't be applied to previous years. Therefore there will be comparability issues.

Support to Clinical Staff - Staff working in direct support of clinical staff, often with direct patient care, who free up clinical staff and allow them more time to treat patients

Support to Clinical Staff

Support to doctors & nurses – includes:

- nursing assistants/auxiliaries,
- nursery nurses
- health care assistants
- support staff in nursing areas.

This comprises of:-

Support to doctors & nurses

Support to ST&T staff

Support to ambulance staff

Also includes clerical & administrative staff and maintenance & works staff working specifically in clinical areas, for example:

- medical secretaries and medical records officers
- support workers
- healthcare assistants
- students and trainees in central functions, as these are mainly general porters involved in moving patients around the hospital.

Support to ST&T staff – includes:

- ST&T trainees and helper/assistants.
- healthcare assistants
- support workers
- clerical & administrative staff
- maintenance works staff specifically identified as supporting ST&T staff.

Support to ambulance staff – includes:

- ambulance personnel

Data Item	Definitions of staff groups
	<ul style="list-style-type: none"> - trainee ambulance technicians - healthcare assistants - support workers - clerical & administrative staff - and maintenance & works staff specifically identified as supporting the ambulance service.

NHS Infrastructure Support - Staff directly involved in the day-to-day running of the organisation and its infrastructure

<p>N/A – not relevant to this data collection as these groups are not involved in direct patient care</p>	<p>Central functions – includes clerical & administrative staff working in central functions:</p> <ul style="list-style-type: none"> - finance - IT - legal services - library services - health education - general management support services. <p>Hotel, property and estates – includes:</p> <ul style="list-style-type: none"> - clerical & administrative staff - maintenance and works staff working in areas such as laundry - catering - domestic services - gardeners - caretakers - labourers.
---	--

Data Item

Definitions of staff groups

Managers and senior managers – staff with overall responsibility for budgets, manpower or assets, or accountable for a significant area of work. Senior managers include:

- staff at executive level
- those who report directly to the board.

These staff are essential to the smooth running of hospitals, Trusts and Strategic Health Authorities.

This **excludes** nursing, ST&T and ambulance managers in posts requiring specific clinical qualifications.

Support to GP staff - Staff working in direct support of GPs

Support to GP staff

GP practice staff – includes a variety of staff who work in practices. These include:

- physiotherapists
- occupational therapists
- receptionists
- practice managers
- students and trainees.

However, practice nurses are included as qualified nurses within professionally qualified clinical staff instead.

Appendix B Monthly data collection schedule for 2017 to 2018

The table below provides monthly data collection dates for trusts and Area Teams for the 2017 to 2018 programme.

Survey month	October 2017	November 2017	December 2017	January 2018	February 2018
Data should be provided on vaccinations given between the following dates (inclusive)	1 September to 31 October 2017	1 September to 30 November 2017	1 September to 31 December 2017	1 September to 31 January 2018	1 September 2017 to 28 February 2018
Trusts	1 November to 09 November 2017	1 December to 11 December 2017	2 January to 10 January 2018	1 February to 09 February 2018	1 March to 09 March 2018
Local NHS England Team	1 November to 13 November 2017	1 December to 13 December 2017	2 January to 12 January 2018	1 February to 13 February 2018	1 March to 13 March 2018

Appendix C Seasonal influenza vaccine uptake survey form for 2017 to 2018

Section 1

1. What Type of NHS Organisation are you

- Acute NHS Trust
- Ambulance NHS Trust
- NHS England Health Care Workers
- Care Trust (NHS Trust based)
- Mental Health NHS Trust
- Other NHS Trust

2. Foundation Trust Status

- Foundation Trust
- Non-Foundation Trust

Section 2

	Column A	Column B	
		B ≤ A	
3. Number of HCWs Vaccinated by Occupation (HCWs Involved with DIRECT Patient Care ONLY)			
Occupation (HCWs that have left the Trust should be excluded here)	No. of HCWs involved with direct patient care	No. of HCWs vaccinated since 1 September 2017	Vaccine Uptake (%)
All Doctors (excluding GPs)	DR_TP	DR_NV	(B1/A1)*100
GPs only	GP_TP	GP_NV	(B2/A2)*100
Qualified Nurses, midwives and health visitors (excluding GP Practice Nurses)	QNMH_TP	QNMH_NV	(B3/A3)*100
Qualified Nurses, midwives and health visitors (GP Practice Nurses only)	GPPN_TP	GPPN_NV	(B4/B4)*100
All other professionally qualified clinical staff, which comprises of:-	OQCS_TP	OQCS_NV	(B5/B5)*100
Support to Clinical Staff, which comprises of:-	SCS_TP	SCS_NV	(B6/A6)*100
Support to GP staff	SGPS_TP	SGPS_NV	(B7/A7)*100
Total Number of HCWs involved with Direct Patient Care	A1:A7	B1:B7	(B8/A8)*100
4. Total Number of Health Care Workers			
Number of HCWs involved with Direct Patient Care	HCWs_DIRECT_TP	A9 =A8	
Number of HCWs NOT involved with Direct Patient Care	HCW_NOTDIRECT		

Appendix D Vaccine uptake data

Table 2: Seasonal influenza national vaccine uptake data by Local NHS England Team and Trust, England 2017 to 2018

Note: The table below shows national vaccine uptake of seasonal influenza vaccine administered to HCWs by Area Teams (Primary Care & ISHCP) and trusts up to 28 February 2018.

Org Code	Org Name	2017/18 All Frontline HCWs			All Doctors			Qualified Nurses (including GP Practice Nurses)			All other professionally qualified clinical staff			All Support Staff		
		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given	
			No.	%		No.	%		No.	%		No.	%		No.	%
NHS ENGLAND LONDON																
RF4	BARKING, HAVERING AND REDBRIDGE UNIVERSITY HOSPITALS NHS TRUST	4,678	3,291	70.4	847	727	85.8	2,840	1,925	67.8	655	358	54.7	336	281	83.6
RRP	BARNET, ENFIELD AND HARINGEY MENTAL HEALTH NHS TRUST	2,410	1,174	48.7	233	91	39.1	919	393	42.8	560	263	47.0	698	427	61.2
R1H	BARTS HEALTH NHS TRUST	11,736	7,491	63.8	2,694	1,712	63.5	4,790	2,531	52.8	1,271	920	72.4	2,981	2,328	78.1
TAF	CAMDEN & ISLINGTON MENTAL HEALTH AND SOCIAL CARE TRUST (Trust based)	1,368	822	60.1	129	100	77.5	404	212	52.5	355	180	50.7	480	330	68.8
RV3	CENTRAL AND NORTH WEST LONDON NHS FOUNDATION TRUST	3,457	2,471	71.5	379	279	73.6	1,468	906	61.7	679	565	83.2	931	721	77.4
RYX	CENTRAL LONDON COMMUNITY HEALTHCARE NHS TRUST	2,872	1,491	51.9	75	29	38.7	1,439	773	53.7	526	299	56.8	832	390	46.9
RQM	CHELSEA AND WESTMINSTER HOSPITAL NHS FOUNDATION TRUST	5,518	3,998	72.5	1,405	1,090	77.6	2,330	1,643	70.5	569	435	76.4	1,214	830	68.4
RJ6	CROYDON HEALTH SERVICES NHS TRUST	2,654	1,882	70.9	447	307	68.7	1,078	749	69.5	402	296	73.6	727	530	72.9
RWK	EAST LONDON NHS FOUNDATION TRUST	3,998	2,701	67.6	331	267	80.7	1,330	767	57.7	971	561	57.8	1,366	1,106	81.0
RVR	EPSOM AND ST HELIER UNIVERSITY HOSPITALS NHS TRUST	4,414	3,164	71.7	716	597	83.4	1,510	933	61.8	527	360	68.3	1,661	1,274	76.7
RP4	GREAT ORMOND STREET HOSPITAL FOR CHILDREN NHS FOUNDATION TRUST	3,617	2,102	58.1	606	402	66.3	1,270	918	72.3	655	342	52.2	1,086	440	40.5
RJ1	GUY'S AND ST THOMAS' NHS FOUNDATION TRUST	9,341	7,461	79.9	2,018	1,823	90.3	4,150	3,150	75.9	1,437	1,317	91.6	1,736	1,171	67.5
RQX	HOMERTON UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	4,140	2,928	70.7	852	701	82.3	1,511	994	65.8	750	536	71.5	1,027	697	67.9
RY9	HOUNSLOW AND RICHMOND COMMUNITY HEALTHCARE NHS TRUST	910	644	70.8	15	15	100.0	335	245	73.1	289	206	71.3	271	178	65.7
RYJ	IMPERIAL COLLEGE HEALTHCARE NHS TRUST	9,240	5,587	60.5	2,185	1,464	67.0	3,579	1,867	52.2	1,182	748	63.3	2,294	1,508	65.7
RJZ	KING'S COLLEGE HOSPITAL NHS FOUNDATION TRUST	8,499	4,675	55.0	2,050	994	48.5	4,055	1,832	45.2	883	746	84.5	1,511	1,103	73.0
RAX	KINGSTON HOSPITAL NHS TRUST	2,473	1,778	71.9	486	354	72.8	1,005	714	71.0	342	192	56.1	640	518	80.9
RJ2	LEWISHAM AND GREENWICH NHS TRUST	5,640	2,980	52.8	958	627	65.4	2,365	1,203	50.9	789	464	58.8	1,528	686	44.9
RRU	LONDON AMBULANCE SERVICE NHS TRUST	3,741	2,081	55.6	6	5	83.3	0	0	0.0	3,194	1,773	55.5	541	303	56.0
R1K	LONDON NORTH WEST HEALTHCARE NHS TRUST	8,845	4,719	53.4	1,532	924	60.3	3,110	1,546	49.7	1,330	726	54.6	2,873	1,523	53.0
RP6	MOORFIELDS EYE HOSPITAL NHS FOUNDATION TRUST	1,231	873	70.9	316	175	55.4	423	243	57.4	303	274	90.4	189	181	95.8
HCWQ7	NHS ENGLAND LONDON HCWs	3,493	1,906	54.6	1,070	646	60.4	449	277	61.7	69	42	60.9	1,905	941	49.4
RAT	NORTH EAST LONDON NHS FOUNDATION TRUST	3,807	1,964	51.6	348	170	48.9	1,830	758	41.4	1,052	755	71.8	577	281	48.7
RAP	NORTH MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	2,336	1,694	72.5	515	409	79.4	1,147	618	53.9	186	179	96.2	488	488	100.0
RPG	OXLEAS NHS FOUNDATION TRUST	3,062	1,215	39.7	195	96	49.2	1,206	474	39.3	787	346	44.0	874	299	34.2
RT3	ROYAL BROMPTON AND HAREFIELD NHS FOUNDATION TRUST	2,731	1,759	64.4	482	356	73.9	1,301	793	61.0	472	332	70.3	476	278	58.4
RAL	ROYAL FREE LONDON NHS FOUNDATION TRUST	7,470	5,264	70.5	1,818	921	50.7	2,842	1,710	60.2	1,064	1,029	96.7	1,746	1,604	91.9
RAN	ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	979	729	74.5	189	143	75.7	424	255	60.1	204	169	82.8	162	162	100.0
RV5	SOUTH LONDON AND MAUDSLEY NHS FOUNDATION TRUST	3,793	2,336	61.6	492	206	41.9	1,328	643	48.4	1,166	932	79.9	807	555	68.8
RQY	SOUTH WEST LONDON AND ST GEORGE'S MENTAL HEALTH NHS TRUST	1,805	1,099	60.9	217	142	65.4	609	347	57.0	352	268	76.1	627	342	54.5
RJ7	ST GEORGE'S HEALTHCARE NHS TRUST	6,176	5,576	90.3	1,026	1,026	100.0	2,397	1,822	76.0	1,269	1,244	98.0	1,484	1,484	100.0
RNK	TAVISTOCK AND PORTMAN NHS FOUNDATION TRUST	474	240	50.6	60	9	15.0	20	11	55.0	274	97	35.4	120	53	44.2
RAS	THE HILLINGDON HOSPITALS NHS FOUNDATION TRUST	2,176	1,614	74.2	432	244	56.5	877	689	78.6	264	212	80.3	603	469	77.8
RPY	THE ROYAL MARSDEN NHS FOUNDATION TRUST	3,188	1,854	58.2	330	207	62.7	1,253	793	63.3	704	414	58.8	901	440	48.8
RKE	THE WHITTINGTON HOSPITAL NHS TRUST	2,694	2,161	80.2	472	452	95.8	1,245	838	67.3	774	677	87.5	203	194	95.6
RRV	UNIVERSITY COLLEGE LONDON HOSPITALS NHS FOUNDATION TRUST	7,207	4,127	57.3	1,421	1,051	74.0	2,563	1,305	50.9	1,139	766	67.3	2,084	1,005	48.2
RKL	WEST LONDON MENTAL HEALTH NHS TRUST	2,655	1,156	43.5	225	124	55.1	852	294	34.5	440	208	47.3	1,138	530	46.6

Org Code	Org Name	2017/18 All Frontline HCWs			All Doctors			Qualified Nurses (including GP Practice Nurses)			All other professionally qualified clinical staff			All Support Staff		
		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given	
			No.	%		No.	%		No.	%		No.	%		No.	%
NHS ENGLAND MIDLANDS AND EAST (CENTRAL MIDLANDS)																
RC1	BEDFORD HOSPITAL NHS TRUST	2,250	1,676	74.5	311	184	59.2	822	570	69.3	293	203	69.3	824	719	87.3
RWH	EAST AND NORTH HERTFORDSHIRE NHS TRUST	4,521	3,182	70.4	788	511	64.8	1,779	1,102	61.9	545	301	55.2	1,409	1,268	90.0
RY4	HERTFORDSHIRE COMMUNITY NHS TRUST	2,139	1,570	73.4	34	27	79.4	909	626	68.9	624	488	78.2	572	429	75.0
RWR	HERTFORDSHIRE PARTNERSHIP NHS FOUNDATION TRUST	2,608	1,510	57.9	189	122	64.6	645	357	55.3	609	367	60.3	1,165	664	57.0
RNQ	KETTERING GENERAL HOSPITAL NHS FOUNDATION TRUST	3,444	2,284	66.3	557	372	66.8	1,260	846	67.1	439	297	67.7	1,188	769	64.7
RT5	LEICESTERSHIRE PARTNERSHIP NHS TRUST	3,732	2,029	54.4	198	136	68.7	1,682	854	50.8	710	459	64.6	1,142	580	50.8
RY5	LINCOLNSHIRE COMMUNITY HEALTH SERVICES NHS TRUST	1,528	1,098	71.9	23	17	73.9	747	490	65.6	200	154	77.0	558	437	78.3
RP7	LINCOLNSHIRE PARTNERSHIP NHS FOUNDATION TRUST	1,305	1,041	79.8	66	57	86.4	522	269	51.5	245	244	99.6	472	471	99.8
RC9	LUTON AND DUNSTABLE HOSPITAL NHS FOUNDATION TRUST	2,823	2,149	76.1	573	464	81.0	1,271	849	66.8	342	296	86.5	637	540	84.8
RD8	MILTON KEYNES HOSPITAL NHS FOUNDATION TRUST	3,073	2,399	78.1	420	283	67.4	985	685	69.5	269	218	81.0	1,399	1,213	86.7
HCWQ7	NHS ENGLAND MIDLANDS AND EAST (CENTRAL MIDLANDS) HCWs	6,877	4,282	62.3	1,678	1,069	63.7	1,123	805	71.7	109	67	61.5	3,967	2,341	59.0
RNS	NORTHAMPTON GENERAL HOSPITAL NHS TRUST	4,172	3,354	80.4	520	438	84.2	1,459	1,103	75.6	516	421	81.6	1,677	1,392	83.0
RP1	NORTHAMPTONSHIRE HEALTHCARE NHS FOUNDATION TRUST	2,790	2,050	73.5	113	94	83.2	1,274	818	64.2	568	389	68.5	835	749	89.7
RWD	UNITED LINCOLNSHIRE HOSPITALS NHS TRUST	5,756	4,702	81.7	785	509	64.8	2,132	1,678	78.7	2,839	2,515	88.6	0	0	0.0
RWE	UNIVERSITY HOSPITALS OF LEICESTER NHS TRUST	9,989	7,097	71.0	1,733	1,294	74.7	3,931	2,547	64.8	1,343	902	67.2	2,982	2,354	78.9
RWG	WEST HERTFORDSHIRE HOSPITALS NHS TRUST	4,335	2,622	60.5	656	399	60.8	1,624	1,015	62.5	500	298	59.6	1,555	910	58.5
NHS ENGLAND MIDLANDS AND EAST (EAST)																
RDD	BASILDON AND THURROCK UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	4,199	2,294	54.6	579	304	52.5	1,408	750	53.3	559	297	53.1	1,653	943	57.0
RGT	CAMBRIDGE UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	7,946	6,696	84.3	1,285	1,012	78.8	2,958	2,876	97.2	2,451	1,664	67.9	1,252	1,144	91.4
RT1	CAMBRIDGESHIRE AND PETERBOROUGH NHS FOUNDATION TRUST	3,046	2,027	66.5	163	143	87.7	1,117	601	53.8	664	461	69.4	1,102	822	74.6
RYV	CAMBRIDGESHIRE COMMUNITY SERVICES NHS TRUST	1,370	855	62.4	68	50	73.5	742	461	62.1	178	122	68.5	382	222	58.1
RDE	COLCHESTER HOSPITAL UNIVERSITY NHS FOUNDATION TRUST	3,067	2,165	70.6	445	347	78.0	1,272	936	73.6	311	198	63.7	1,039	684	65.8
RYC	EAST OF ENGLAND AMBULANCE SERVICE NHS TRUST	3,502	1,945	55.5	4	3	75.0	0	0	0.0	3,434	1,922	56.0	64	20	31.3
R1L	ESSEX PARTNERSHIP UNIVERSITY NHS FOUNDATION TRUST	5,341	2,075	38.9	247	105	42.5	1,876	726	38.7	778	367	47.2	2,440	877	35.9
RGQ	IPSWICH HOSPITAL NHS TRUST	3,996	2,265	56.7	533	284	53.3	1,555	886	57.0	600	458	76.3	1,308	637	48.7
RGP	JAMES PAGET UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	2,991	2,117	70.8	414	219	52.9	974	696	71.5	313	239	76.4	1,290	963	74.7
RQ8	MID ESSEX HOSPITAL SERVICES NHS TRUST	3,652	1,897	51.9	779	342	43.9	1,634	689	42.2	427	304	71.2	812	562	69.2
HCWQ7	NHS ENGLAND MIDLANDS AND EAST (EAST) HCWs	9,879	6,400	64.8	2,216	1,452	65.5	2,192	1,582	72.2	500	322	64.4	4,971	3,044	61.2
RM1	NORFOLK AND NORWICH UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	6,858	5,284	77.0	1,170	852	72.8	2,113	1,608	76.1	1,003	761	75.9	2,572	2,063	80.2
RMY	NORFOLK AND SUFFOLK NHS FOUNDATION TRUST	3,894	1,965	50.5	230	137	59.6	1,150	549	47.7	713	376	52.7	1,801	903	50.1
RY3	NORFOLK COMMUNITY HEALTH AND CARE NHS TRUST	2,016	1,538	76.3	40	25	62.5	657	451	68.6	341	268	78.6	978	794	81.2
RGN	NORTH WEST ANGLIA NHS FOUNDATION TRUST	4,485	3,253	72.5	678	465	68.6	1,933	1,352	69.9	347	340	98.0	1,527	1,096	71.8
RGM	PAPWORTH HOSPITAL NHS FOUNDATION TRUST	1,510	1,179	78.1	235	141	60.0	635	443	69.8	218	218	100.0	422	377	89.3
RAJ	SOUTHEND UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	3,390	2,069	61.0	526	369	70.2	1,226	697	56.9	439	236	53.8	1,199	767	64.0
RQW	THE PRINCESS ALEXANDRA HOSPITAL NHS TRUST	2,581	1,828	70.8	436	271	62.2	830	639	77.0	447	162	36.2	868	756	87.1
RCX	THE QUEEN ELIZABETH HOSPITAL, KING'S LYNN, NHS FOUNDATION TRUST	2,610	2,019	77.4	354	304	85.9	899	770	85.7	294	236	80.3	1,063	709	66.7
RGR	WEST SUFFOLK NHS FOUNDATION TRUST	3,667	2,567	70.0	435	321	73.8	995	681	68.4	505	336	66.5	1,732	1,229	71.0

Org Code	Org Name	2017/18 All Frontline HCWs			All Doctors			Qualified Nurses (including GP Practice Nurses)			All other professionally qualified clinical staff			All Support Staff		
		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given	
			No.	%		No.	%		No.	%		No.	%		No.	%
NHS ENGLAND MIDLANDS AND EAST (NORTH MIDLANDS)																
RJF	BURTON HOSPITALS NHS FOUNDATION TRUST	2,017	1,407	69.8	278	159	57.2	933	575	61.6	160	106	66.3	646	567	87.8
RFS	CHESTERFIELD ROYAL HOSPITAL NHS FOUNDATION TRUST	3,179	2,747	86.4	360	317	88.1	994	737	74.1	403	398	98.8	1,422	1,295	91.1
RTG	DERBY HOSPITALS NHS FOUNDATION TRUST	7,024	5,181	73.8	1,029	707	68.7	2,491	1,506	60.5	911	738	81.0	2,593	2,230	86.0
RY8	DERBYSHIRE COMMUNITY HEALTH SERVICES NHS TRUST	3,290	2,243	68.2	82	31	37.8	1,215	782	64.4	713	498	69.8	1,280	932	72.8
RXM	DERBYSHIRE HEALTHCARE NHS FOUNDATION TRUST	1,713	861	50.3	124	67	54.0	863	418	48.4	345	169	49.0	381	207	54.3
RX9	EAST MIDLANDS AMBULANCE SERVICE NHS TRUST	2,995	2,197	73.4	10	9	90.0	18	11	61.1	1,989	1,475	74.2	978	702	71.8
HCWQ7	NHS ENGLAND MIDLANDS AND EAST (NORTH MIDLANDS) HCWs	8,737	5,413	62.0	1,865	1,327	71.2	1,678	983	58.6	302	148	49.0	4,892	2,955	60.4
RLY	NORTH STAFFORDSHIRE COMBINED HEALTHCARE NHS TRUST	1,212	874	72.1	52	28	53.8	483	303	62.7	215	136	63.3	462	407	88.1
RX1	NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	11,503	7,537	65.5	1,894	1,273	67.2	4,647	3,212	69.1	1,074	761	70.9	3,888	2,291	58.9
RHA	NOTTINGHAMSHIRE HEALTHCARE NHS TRUST	4,534	2,774	61.2	143	143	100.0	1,815	1,054	58.1	976	547	56.0	1,600	1,030	64.4
RK5	SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	3,947	3,096	78.4	635	408	64.3	1,389	869	62.6	562	513	91.3	1,361	1,306	96.0
RXW	SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	4,425	3,326	75.2	579	432	74.6	1,538	1,007	65.5	697	503	72.2	1,611	1,384	85.9
R1D	SHROPSHIRE COMMUNITY HEALTH NHS TRUST	980	786	80.2	26	25	96.2	517	424	82.0	221	134	60.6	216	203	94.0
RRE	SOUTH STAFFORDSHIRE AND SHROPSHIRE HEALTHCARE NHS FOUNDATION TRUST	2,411	1,700	70.5	132	78	59.1	911	448	49.2	851	803	94.4	517	371	71.8
R1E	STAFFORDSHIRE AND STOKE ON TRENT PARTNERSHIP NHS TRUST	2,379	1,673	70.3	69	43	62.3	1,107	832	75.2	503	343	68.2	700	455	65.0
RL1	THE ROBERT JONES AND AGNES HUNT ORTHOPAEDIC HOSPITAL NHS FOUNDATION TRUST	1,141	719	63.0	123	67	54.5	346	244	70.5	321	114	35.5	351	294	83.8
RJE	UNIVERSITY HOSPITAL OF NORTH MIDLANDS NHS TRUST	9,787	7,223	73.8	1,506	1,080	71.7	4,274	3,032	70.9	1,327	1,044	78.7	2,680	2,067	77.1
NHS ENGLAND MIDLANDS AND EAST (WEST MIDLANDS)																
RXT	BIRMINGHAM AND SOLIHULL MENTAL HEALTH NHS FOUNDATION TRUST	2,767	1,491	53.9	261	151	57.9	1,145	563	49.2	505	308	61.0	856	469	54.8
RQ3	BIRMINGHAM CHILDREN'S HOSPITAL NHS FOUNDATION TRUST	3,535	2,901	82.1	536	485	90.5	1,522	1,234	81.1	773	632	81.8	704	550	78.1
RYW	BIRMINGHAM COMMUNITY HEALTHCARE NHS TRUST	3,994	1,868	46.8	257	137	53.3	1,459	632	43.3	867	466	53.7	1,411	633	44.9
TAJ	BLACK COUNTRY PARTNERSHIP NHS FOUNDATION TRUST (Trust based)	1,535	1,076	70.1	81	50	61.7	505	317	62.8	284	194	68.3	665	515	77.4
RYG	COVENTRY AND WARWICKSHIRE PARTNERSHIP NHS TRUST	3,355	1,751	52.2	162	81	50.0	963	503	52.2	489	275	56.2	1,741	892	51.2
RYK	DUDLEY AND WALSALL MENTAL HEALTH PARTNERSHIP NHS TRUST	843	599	71.1	74	54	73.0	386	235	60.9	89	83	93.3	294	227	77.2
RLT	GEORGE ELIOT HOSPITAL NHS TRUST	2,139	1,611	75.3	217	154	71.0	685	499	72.8	223	155	69.5	1,014	803	79.2
RR1	HEART OF ENGLAND NHS FOUNDATION TRUST	8,256	6,071	73.5	1,107	867	78.3	3,281	1,888	57.5	1,025	769	75.0	2,843	2,547	89.6
HCWQ7	NHS ENGLAND MIDLANDS AND EAST (WEST MIDLANDS) HCWs	3,732	2,403	64.4	1,012	684	67.6	585	431	73.7	57	41	71.9	2,078	1,247	60.0
RXK	SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	4,759	3,865	81.2	734	696	94.8	2,018	1,448	71.8	847	615	72.6	1,160	1,106	95.3
RJC	SOUTH WARWICKSHIRE NHS FOUNDATION TRUST	3,706	2,899	78.2	295	235	79.7	1,398	1,082	77.4	621	503	81.0	1,392	1,079	77.5
RNA	THE DUDLEY GROUP NHS FOUNDATION TRUST	4,124	3,128	75.8	462	381	82.5	1,633	1,143	70.0	662	569	86.0	1,367	1,035	75.7
RRJ	THE ROYAL ORTHOPAEDIC HOSPITAL NHS FOUNDATION TRUST	876	615	70.2	134	83	61.9	298	198	66.4	139	105	75.5	305	229	75.1
RL4	THE ROYAL WOLVERHAMPTON NHS TRUST	5,879	3,110	52.9	858	491	57.2	2,371	1,271	53.6	851	443	52.1	1,799	905	50.3
RRK	UNIVERSITY HOSPITALS BIRMINGHAM NHS FOUNDATION TRUST	5,417	3,877	71.6	932	760	81.5	2,616	1,721	65.8	495	473	95.6	1,374	923	67.2
RKB	UNIVERSITY HOSPITALS COVENTRY AND WARWICKSHIRE NHS TRUST	6,766	5,209	77.0	1,010	693	68.6	2,395	1,732	72.3	1,096	654	59.7	2,265	2,130	94.0
RBK	WALSALL HEALTHCARE NHS TRUST	3,131	2,213	70.7	363	305	84.0	1,241	751	60.5	358	316	88.3	1,169	841	71.9
RYA	WEST MIDLANDS AMBULANCE SERVICE NHS TRUST	3,829	2,977	77.7	0	0	0.0	2	2	100.0	2,749	2,002	72.8	1,078	973	90.3
RWP	WORCESTERSHIRE ACUTE HOSPITALS NHS TRUST	4,679	3,543	75.7	606	486	80.2	1,836	1,201	65.4	585	439	75.0	1,652	1,417	85.8
R1A	WORCESTERSHIRE HEALTH AND CARE NHS TRUST	2,953	2,177	73.7	139	90	64.7	1,194	730	61.1	480	339	70.6	1,140	1,018	89.3
RLQ	WYE VALLEY NHS TRUST	2,325	2,129	91.6	313	286	91.4	911	792	86.9	400	355	88.8	701	696	99.3

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			No.	%		No.	%		No.	%		No.	%		No.	%
NHS ENGLAND NORTH (CHESHIRE AND MERSEYSIDE)																
RTV	5 BOROUGH PARTNERSHIP NHS FOUNDATION TRUST	2,973	2,120	71.3	93	93	100.0	1,299	818	63.0	502	371	73.9	1,079	838	77.7
REM	AINTREE UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	2,885	2,516	87.2	405	398	98.3	1,046	825	78.9	463	436	94.2	971	857	88.3
RBS	ALDER HEY CHILDREN'S NHS FOUNDATION TRUST	2,585	1,947	75.3	626	487	77.8	1,271	1,030	81.0	427	257	60.2	261	173	66.3
RXA	CHESHIRE AND WIRRAL PARTNERSHIP NHS FOUNDATION TRUST	2,528	1,782	70.5	118	90	76.3	1,074	786	73.2	629	429	68.2	707	477	67.5
RJR	COUNTRESS OF CHESTER HOSPITAL NHS FOUNDATION TRUST	3,592	2,915	81.2	335	313	93.4	975	724	74.3	459	421	91.7	1,823	1,457	79.9
RJN	EAST CHESHIRE NHS TRUST	2,080	1,480	71.2	279	195	69.9	829	607	73.2	359	243	67.7	613	435	71.0
RY1	LIVERPOOL COMMUNITY HEALTH NHS TRUST	1,672	1,182	70.7	31	24	77.4	857	629	73.4	215	157	73.0	569	372	65.4
RBQ	LIVERPOOL HEART AND CHEST NHS FOUNDATION TRUST	1,284	1,040	81.0	112	90	80.4	540	397	73.5	224	189	84.4	408	364	89.2
REP	LIVERPOOL WOMEN'S NHS FOUNDATION TRUST	824	638	77.4	75	75	100.0	518	333	64.3	36	36	100.0	195	194	99.5
RW4	MERSEY CARE NHS TRUST	3,604	2,961	82.2	104	87	83.7	1,211	1,017	84.0	412	332	80.6	1,877	1,525	81.2
RBT	MID CHESHIRE HOSPITALS NHS FOUNDATION TRUST	3,441	2,598	75.5	355	289	81.4	1,281	968	75.6	424	288	67.9	1,381	1,053	76.2
HCWQ7	NHS ENGLAND NORTH (CHESHIRE AND MERSEYSIDE) HCWs	6,780	4,718	69.6	1,927	1,379	71.6	986	766	77.7	210	146	69.5	3,657	2,427	66.4
RQ6	ROYAL LIVERPOOL AND BROADGREEN UNIVERSITY HOSPITALS NHS TRUST	4,036	3,506	86.9	596	561	94.1	1,748	1,437	82.2	436	367	84.2	1,256	1,141	90.8
RVY	SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	2,096	1,676	80.0	216	165	76.4	829	605	73.0	265	189	71.3	786	717	91.2
RBN	ST HELENS AND KNOWSLEY HOSPITALS NHS TRUST	3,720	3,244	87.2	705	453	64.3	1,456	1,275	87.6	394	386	98.0	1,165	1,130	97.0
REN	THE CLATTERBRIDGE CANCER CENTRE NHS FOUNDATION TRUST	929	697	75.0	99	63	63.6	287	232	80.8	221	162	73.3	322	240	74.5
RET	THE WALTON CENTRE NHS FOUNDATION TRUST	995	790	79.4	134	132	98.5	411	293	71.3	139	124	89.2	311	241	77.5
RWW	WARRINGTON AND HALTON HOSPITALS NHS FOUNDATION TRUST	2,798	2,393	85.5	368	348	94.6	1,112	927	83.4	428	396	92.5	890	722	81.1
RY7	WIRRAL COMMUNITY NHS TRUST	1,162	827	71.2	22	13	59.1	657	502	76.4	192	127	66.1	291	185	63.6
RBL	WIRRAL UNIVERSITY TEACHING HOSPITAL NHS FOUNDATION TRUST	4,728	3,844	81.3	548	544	99.3	1,505	1,297	86.2	662	544	82.2	2,013	1,459	72.5
NHS ENGLAND NORTH (CUMBRIA AND NORTH EAST)																
RLN	CITY HOSPITALS SUNDERLAND NHS FOUNDATION TRUST	4,317	3,423	79.3	604	450	74.5	1,645	1,112	67.6	599	416	69.4	1,469	1,445	98.4
RXP	COUNTY DURHAM AND DARLINGTON NHS FOUNDATION TRUST	5,054	3,857	76.3	547	519	94.9	2,321	1,750	75.4	780	583	74.7	1,406	1,005	71.5
RNN	CUMBRIA PARTNERSHIP NHS FOUNDATION TRUST	3,132	2,303	73.5	111	86	77.5	1,297	987	76.1	646	481	74.5	1,078	749	69.5
RR7	GATESHEAD HEALTH NHS FOUNDATION TRUST	3,446	2,622	76.1	391	261	66.8	1,181	842	71.3	591	429	72.6	1,283	1,090	85.0
HCWQ7	NHS ENGLAND NORTH (CUMBRIA AND NORTH EAST) HCWs	6,748	4,459	66.1	1,742	1,190	68.3	1,116	807	72.3	148	114	77.0	3,742	2,348	62.7
RNL	NORTH CUMBRIA UNIVERSITY HOSPITALS NHS TRUST	3,372	2,687	79.7	460	383	83.3	1,347	1,059	78.6	463	369	79.7	1,102	876	79.5
RX6	NORTH EAST AMBULANCE SERVICE NHS FOUNDATION TRUST	2,344	1,275	54.4	12	2	16.7	33	8	24.2	720	370	51.4	1,579	895	56.7
RVW	NORTH TEES AND HARTLEPOOL NHS FOUNDATION TRUST	5,006	3,545	70.8	636	484	76.1	1,770	1,272	71.9	830	585	70.5	1,770	1,204	68.0
RX4	NORTHUMBERLAND, TYNE AND WEAR NHS FOUNDATION TRUST	5,383	3,958	73.5	413	308	74.6	1,898	1,462	77.0	698	508	72.8	2,374	1,680	70.8
RTF	NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	6,602	3,376	51.1	760	505	66.4	2,858	1,346	47.1	831	472	56.8	2,153	1,053	48.9
RTR	SOUTH TEES HOSPITALS NHS FOUNDATION TRUST	7,864	5,652	71.9	802	750	93.5	2,663	1,805	67.8	1,028	705	68.6	3,371	2,392	71.0
RE9	SOUTH TYNESIDE NHS FOUNDATION TRUST	2,913	2,107	72.3	230	188	81.7	1,491	836	56.1	378	307	81.2	814	776	95.3
RX3	TEES, ESK AND WEAR VALLEYS NHS FOUNDATION TRUST	5,363	3,519	65.6	316	240	75.9	2,256	1,464	64.9	865	589	68.1	1,926	1,226	63.7
RTD	THE NEWCASTLE UPON TYNE HOSPITALS NHS FOUNDATION TRUST	11,482	7,525	65.5	2,167	1,521	70.2	5,119	3,407	66.6	1,020	689	67.5	3,176	1,908	60.1
RTX	UNIVERSITY HOSPITALS OF MORECAMBE BAY NHS FOUNDATION TRUST	3,824	3,418	89.4	420	382	91.0	1,507	1,257	83.4	462	422	91.3	1,435	1,357	94.6

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			No.	%		No.	%		No.	%		No.	%		No.	%
NHS ENGLAND NORTH (GREATER MANCHESTER)																
RMC	BOLTON NHS FOUNDATION TRUST	4,566	3,446	75.5	505	382	75.6	2,020	1,324	65.5	629	466	74.1	1,412	1,274	90.2
RY2	BRIDGEWATER COMMUNITY HEALTHCARE NHS TRUST	2,159	1,543	71.5	28	19	67.9	994	835	84.0	853	517	60.6	284	172	60.6
RXV	GREATER MANCHESTER MENTAL HEALTH NHS FOUNDATION TRUST	4,124	3,063	74.3	237	191	80.6	1,320	965	73.1	847	585	69.1	1,720	1,322	76.9
R0A	MANCHESTER UNIVERSITY NHS FOUNDATION TRUST	15,843	9,698	61.2	2,032	1,573	77.4	6,646	3,531	53.1	2,849	1,803	63.3	4,316	2,791	64.7
HCWQ8	NHS ENGLAND NORTH (GREATER MANCHESTER) HCWs	2,836	1,736	61.2	834	482	57.8	336	270	80.4	70	45	64.3	1,596	939	58.8
RX7	NORTH WEST AMBULANCE SERVICE NHS TRUST	5,198	3,494	67.2	0	0	0.0	57	42	73.7	3,294	2,175	66.0	1,847	1,277	69.1
RW6	PENNINE ACUTE HOSPITALS NHS TRUST	6,860	5,424	79.1	973	809	83.1	2,781	2,099	75.5	1,089	611	56.1	2,017	1,905	94.4
RT2	PENNINE CARE NHS FOUNDATION TRUST	4,555	2,738	60.1	154	116	75.3	1,727	981	56.8	911	552	60.6	1,763	1,089	61.8
RM3	SALFORD ROYAL NHS FOUNDATION TRUST	4,824	3,721	77.1	667	667	100.0	1,797	1,258	70.0	842	347	41.2	1,518	1,449	95.5
RWJ	STOCKPORT NHS FOUNDATION TRUST	4,129	3,050	73.9	486	413	85.0	1,633	1,179	72.2	573	416	72.6	1,437	1,042	72.5
RMP	TAMESIDE HOSPITAL NHS FOUNDATION TRUST	2,878	1,925	66.9	239	164	68.6	1,098	745	67.9	364	231	63.5	1,177	785	66.7
RBV	THE CHRISTIE NHS FOUNDATION TRUST	1,608	1,236	76.9	206	156	75.7	638	470	73.7	432	326	75.5	332	284	85.5
RRF	WRIGHTINGTON, WIGAN AND LEIGH NHS FOUNDATION TRUST	2,959	2,194	74.1	430	298	69.3	1,098	788	71.8	491	271	55.2	940	837	89.0
NHS ENGLAND NORTH (LANCASHIRE)																
RXL	BLACKPOOL TEACHING HOSPITALS NHS FOUNDATION TRUST	4,909	3,981	81.1	383	382	99.7	2,182	1,500	68.7	865	786	90.9	1,479	1,313	88.8
RXR	EAST LANCASHIRE HOSPITALS NHS TRUST	7,001	6,462	92.3	567	400	70.5	2,507	2,259	90.1	1,953	1,901	97.3	1,974	1,902	96.4
RW5	LANCASHIRE CARE NHS FOUNDATION TRUST	4,158	2,951	71.0	164	138	84.1	2,127	1,366	64.2	519	489	94.2	1,348	958	71.1
RXN	LANCASHIRE TEACHING HOSPITALS NHS FOUNDATION TRUST	7,418	5,581	75.2	1,028	877	85.3	2,367	1,749	73.9	980	709	72.3	3,043	2,246	73.8
HCWQ8	NHS ENGLAND NORTH (LANCASHIRE) HCWs	2,290	1,572	68.6	528	383	72.5	389	298	76.6	54	42	77.8	1,319	849	64.4
NHS ENGLAND NORTH (YORKSHIRE AND HUMBER)																
RCF	AIREDALE NHS FOUNDATION TRUST	1,910	1,423	74.5	269	200	74.3	686	494	72.0	251	190	75.7	704	539	76.6
RFF	BARNSELY HOSPITAL NHS FOUNDATION TRUST	2,114	1,643	77.7	265	256	96.6	885	569	64.3	390	245	62.8	574	573	99.8
TAD	BRADFORD DISTRICT CARE TRUST (Trust based)	2,248	1,865	83.0	142	115	81.0	1,195	996	83.3	358	306	85.5	553	448	81.0
RAE	BRADFORD TEACHING HOSPITALS NHS FOUNDATION TRUST	4,215	2,997	71.1	700	499	71.3	1,715	1,017	59.3	662	354	53.5	1,138	1,127	99.0
RWY	CALDERDALE AND HUDDERSFIELD NHS FOUNDATION TRUST	4,531	3,192	70.4	539	338	62.7	1,801	1,188	66.0	451	316	70.1	1,740	1,350	77.6
RP5	DONCASTER AND BASSETLAW HOSPITALS NHS FOUNDATION TRUST	4,514	3,840	85.1	476	431	90.5	1,650	1,365	82.7	499	428	85.8	1,889	1,616	85.5
RCD	HARROGATE AND DISTRICT NHS FOUNDATION TRUST	3,032	1,830	60.4	405	242	59.8	1,315	781	59.4	515	355	68.9	797	452	56.7
RWA	HULL AND EAST YORKSHIRE HOSPITALS NHS TRUST	6,335	4,786	75.5	1,169	617	52.8	2,498	1,716	68.7	673	659	97.9	1,995	1,794	89.9
RV9	HUMBER NHS FOUNDATION TRUST	1,751	1,071	61.2	84	57	67.9	729	335	46.0	328	205	62.5	610	474	77.7
RGD	LEEDS AND YORK PARTNERSHIP NHS FOUNDATION TRUST	1,622	1,056	65.1	173	108	62.4	671	438	65.3	246	170	69.1	532	340	63.9
RY6	LEEDS COMMUNITY HEALTHCARE NHS TRUST	2,435	1,870	76.8	58	58	100.0	1,007	752	74.7	411	411	100.0	959	649	67.7
RR8	LEEDS TEACHING HOSPITALS NHS TRUST	12,810	10,352	80.8	2,403	1,616	67.2	3,952	2,995	75.8	2,558	1,914	74.8	3,897	3,827	98.2
RXF	MID YORKSHIRE HOSPITALS NHS TRUST	4,229	2,994	70.8	806	533	66.1	1,832	1,233	67.3	426	375	88.0	1,165	853	73.2
HCWQ7	NHS ENGLAND NORTH (YORKSHIRE AND HUMBER) HCWs	12,535	7,999	63.8	2,482	1,683	67.8	2,869	1,905	66.4	632	392	62.0	6,552	4,019	61.3
RJL	NORTHERN LINCOLNSHIRE AND GOOLE HOSPITALS NHS FOUNDATION TRUST	4,396	3,193	72.6	510	427	83.7	1,701	1,132	66.5	931	625	67.1	1,254	1,009	80.5
RXE	ROTHERHAM, DONCASTER AND SOUTH HUMBER NHS FOUNDATION TRUST	2,941	1,720	58.5	96	62	64.6	1,259	690	54.8	656	393	59.9	930	575	61.8
RCU	SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST	2,336	1,654	70.8	289	237	82.0	891	612	68.7	401	279	69.6	755	526	69.7
TAH	SHEFFIELD HEALTH AND SOCIAL CARE NHS FOUNDATION TRUST	1,894	1,091	57.6	119	71	59.7	512	304	59.4	294	205	69.7	969	511	52.7
RHQ	SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	10,757	7,699	71.6	1,450	1,434	98.9	4,242	2,834	66.8	1,621	1,121	69.2	3,444	2,310	67.1
RXG	SOUTH WEST YORKSHIRE PARTNERSHIP NHS FOUNDATION TRUST	2,645	1,945	73.5	147	113	76.9	1,072	788	73.5	547	405	74.0	879	639	72.7
RFR	THE ROTHERHAM NHS FOUNDATION TRUST	3,341	2,590	77.5	304	299	98.4	1,259	965	76.6	557	385	69.1	1,221	941	77.1
RCB	YORK TEACHING HOSPITAL NHS FOUNDATION TRUST	5,976	4,451	74.5	716	587	82.0	2,113	1,502	71.1	857	665	77.6	2,290	1,697	74.1
RX8	YORKSHIRE AMBULANCE SERVICE NHS TRUST	3,969	2,602	65.6	0	0	0.0	0	0	0.0	2,507	1,539	61.4	1,462	1,063	72.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
NHS ENGLAND SOUTH (SOUTH CENTRAL)																
RTQ	2GETHER NHS FOUNDATION TRUST	1,395	1,091	78.2	97	89	91.8	594	404	68.0	297	222	74.7	407	376	92.4
RVN	AVON AND WILTSHIRE MENTAL HEALTH PARTNERSHIP NHS TRUST	3,068	1,843	60.1	227	227	100.0	1,107	611	55.2	600	348	58.0	1,134	657	57.9
RWX	BERKSHIRE HEALTHCARE NHS FOUNDATION TRUST	3,395	2,423	71.4	187	143	76.5	1,104	735	66.6	854	628	73.5	1,250	917	73.4
RXQ	BUCKINGHAMSHIRE HEALTHCARE NHS TRUST	5,097	3,056	60.0	694	413	59.5	2,125	1,214	57.1	862	572	66.4	1,416	857	60.5
RTE	GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST	6,297	4,724	75.0	879	644	73.3	2,352	1,564	66.5	835	815	97.6	2,231	1,701	76.2
RN3	GREAT WESTERN HOSPITALS NHS FOUNDATION TRUST	4,001	3,078	76.9	524	481	91.8	1,434	1,052	73.4	776	512	66.0	1,267	1,033	81.5
HCWQB	NHS ENGLAND SOUTH (SOUTH CENTRAL) HCWs	7,189	4,621	64.3	1,339	966	72.1	1,550	980	63.2	828	409	49.4	3,472	2,266	65.3
RNU	OXFORD HEALTH NHS FOUNDATION TRUST	4,590	2,341	51.0	512	248	48.4	1,629	831	51.0	1,113	588	52.8	1,336	674	50.4
RTH	OXFORD UNIVERSITY HOSPITALS NHS TRUST	9,361	6,567	70.2	2,286	1,830	80.1	3,564	2,189	61.4	1,574	1,386	88.1	1,937	1,162	60.0
RHW	ROYAL BERKSHIRE NHS FOUNDATION TRUST	4,860	3,042	62.6	814	517	63.5	1,829	1,199	65.6	564	375	66.5	1,653	951	57.5
RD1	ROYAL UNITED HOSPITAL BATH NHS TRUST	3,664	2,624	71.6	553	400	72.3	1,324	949	71.7	624	468	75.0	1,163	807	69.4
RNZ	SALISBURY NHS FOUNDATION TRUST	2,715	1,821	67.1	396	256	64.6	878	566	64.5	306	273	89.2	1,135	726	64.0
RYE	SOUTH CENTRAL AMBULANCE SERVICE NHS TRUST	2,559	1,621	63.3	33	17	51.5	107	52	48.6	1,249	686	54.9	1,170	866	74.0
R1J	THE GLOUCESTERSHIRE CARE SERVICES NATIONAL HEALTH SERVICE TRUST	2,189	1,576	72.0	41	41	100.0	852	597	70.1	455	371	81.5	841	567	67.4
NHS ENGLAND SOUTH (SOUTH EAST)																
RTK	ASHFORD AND ST PETER'S HOSPITALS NHS FOUNDATION TRUST	3,063	2,149	70.2	634	426	67.2	1,068	697	65.3	390	297	76.2	971	729	75.1
RXH	BRIGHTON AND SUSSEX UNIVERSITY HOSPITALS NHS TRUST	5,629	3,360	59.7	1,144	723	63.2	2,515	1,257	50.0	651	590	90.6	1,319	790	59.9
RN7	DARTFORD AND GRAVESHAM NHS TRUST	3,084	2,192	71.1	402	299	74.4	1,115	839	75.2	348	249	71.6	1,219	805	66.0
RVV	EAST KENT HOSPITALS UNIVERSITY NHS FOUNDATION TRUST	5,601	4,077	72.8	904	661	73.1	2,148	1,425	66.3	1,038	749	72.2	1,511	1,242	82.2
RXC	EAST SUSSEX HEALTHCARE NHS TRUST	4,954	3,559	71.8	583	360	61.7	2,043	1,234	60.4	521	493	94.6	1,807	1,472	81.5
RDU	FRIMLEY HEALTH NHS FOUNDATION TRUST	7,009	5,006	71.4	1,123	814	72.5	2,638	1,990	75.4	872	695	79.7	2,376	1,507	63.4
RXY	KENT AND MEDWAY NHS AND SOCIAL CARE PARTNERSHIP TRUST	2,497	1,637	65.6	139	114	82.0	802	434	54.1	413	261	63.2	1,143	828	72.4
RYY	KENT COMMUNITY HEALTH NHS TRUST	3,694	2,109	57.1	76	38	50.0	1,322	764	57.8	855	533	62.3	1,441	774	53.7
RWF	MAIDSTONE AND TUNBRIDGE WELLS NHS TRUST	4,482	3,188	71.1	720	477	66.3	1,576	1,077	68.3	810	481	59.4	1,376	1,153	83.8
RPA	MEDWAY NHS FOUNDATION TRUST	4,240	3,030	71.5	603	403	66.8	1,214	986	81.2	297	268	90.2	2,126	1,373	64.6
HCWQB	NHS ENGLAND SOUTH (SOUTH EAST) HCWs	16,158	9,115	56.4	2,924	1,888	64.6	3,335	1,782	53.4	1,332	716	53.8	8,567	4,729	55.2
RPC	QUEEN VICTORIA HOSPITAL NHS FOUNDATION TRUST	979	580	59.2	150	78	52.0	207	108	52.2	138	83	60.1	484	311	64.3
RA2	ROYAL SURREY COUNTY HOSPITAL NHS FOUNDATION TRUST	2,946	2,099	71.2	595	357	60.0	1,141	719	63.0	574	387	67.4	636	636	100.0
RYD	SOUTH EAST COAST AMBULANCE SERVICE NHS TRUST	2,290	1,586	69.3	0	0	0.0	0	0	0.0	2,290	1,586	69.3	0	0	0.0
RXX	SURREY AND BORDERS PARTNERSHIP NHS FOUNDATION TRUST	1,572	849	54.0	153	95	62.1	531	234	44.1	412	303	73.5	476	217	45.6
RTP	SURREY AND SUSSEX HEALTHCARE NHS TRUST	4,065	2,896	71.2	637	447	70.2	1,203	869	72.2	450	340	75.6	1,775	1,240	69.9
RDR	SUSSEX COMMUNITY NHS TRUST	3,249	2,387	73.5	77	67	87.0	1,442	889	61.7	758	556	73.4	972	875	90.0
RX2	SUSSEX PARTNERSHIP NHS FOUNDATION TRUST	2,693	1,933	71.8	169	124	73.4	923	587	63.6	961	588	61.2	640	634	99.1
RYR	WESTERN SUSSEX HOSPITALS NHS TRUST	5,096	3,397	66.7	769	463	60.2	1,896	1,284	67.7	817	590	72.2	1,614	1,060	65.7

Org Code	Org Name	2017/18 All Frontline HCWs			All Doctors			Qualified Nurses (including GP Practice Nurses)			All other professionally qualified clinical staff			All Support Staff		
		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given		No. involved with DIRECT Patient Care	Doses given	
			No.	%		No.	%		No.	%		No.	%		No.	%
NHS ENGLAND SOUTH (SOUTH WEST)																
RJ8	CORNWALL PARTNERSHIP NHS FOUNDATION TRUST	2,988	1,352	45.2	102	41	40.2	1,155	498	43.1	436	187	42.9	1,295	626	48.3
RWV	DEVON PARTNERSHIP NHS TRUST	2,255	1,469	65.1	170	125	73.5	683	405	59.3	493	334	67.7	909	605	66.6
HCWQ8	NHS ENGLAND SOUTH (SOUTH WEST) HCWs	10,266	6,719	65.4	1,493	1,072	71.8	2,812	1,816	64.6	1,417	890	62.8	4,544	2,941	64.7
RVJ	NORTH BRISTOL NHS TRUST	4,577	3,325	72.6	921	714	77.5	2,170	1,364	62.9	453	451	99.6	1,033	796	77.1
RBZ	NORTHERN DEVON HEALTHCARE NHS TRUST	2,447	1,536	62.8	297	186	62.6	848	533	62.9	442	279	63.1	860	538	62.6
RK9	PLYMOUTH HOSPITALS NHS TRUST	5,022	3,413	68.0	1,051	586	55.8	2,081	1,061	51.0	576	522	90.6	1,314	1,244	94.7
REF	ROYAL CORNWALL HOSPITALS NHS TRUST	3,936	2,096	53.3	681	389	57.1	1,449	758	52.3	720	411	57.1	1,086	538	49.5
RH8	ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	6,180	4,637	75.0	961	592	61.6	2,241	1,434	64.0	913	810	88.7	2,065	1,801	87.2
RH5	SOMERSET PARTNERSHIP NHS FOUNDATION TRUST	2,533	1,292	51.0	101	65	64.4	1,042	517	49.6	569	335	58.9	821	375	45.7
RYF	SOUTH WESTERN AMBULANCE SERVICE NHS TRUST	2,930	1,661	56.7	0	0	0.0	0	0	0.0	2,930	1,661	56.7	0	0	0.0
RBA	TAUNTON AND SOMERSET NHS FOUNDATION TRUST	3,250	2,149	66.1	483	376	77.8	1,218	759	62.3	436	306	70.2	1,113	708	63.6
RA9	TORBAY AND SOUTH DEVON NHS FOUNDATION TRUST	4,054	2,571	63.4	619	376	60.7	1,230	799	65.0	568	399	70.2	1,637	997	60.9
RA7	UNIVERSITY HOSPITALS BRISTOL NHS FOUNDATION TRUST	7,386	5,414	73.3	1,253	920	73.4	2,836	2,085	73.5	966	767	79.4	2,331	1,642	70.4
RA3	WESTON AREA HEALTH NHS TRUST	1,376	853	62.0	253	171	67.6	470	292	62.1	205	128	62.4	448	262	58.5
RA4	YEOVIL DISTRICT HOSPITAL NHS FOUNDATION TRUST	1,760	1,161	66.0	261	172	65.9	585	340	58.1	213	155	72.8	701	494	70.5
NHS ENGLAND SOUTH (WESSEX)																
RBD	DORSET COUNTY HOSPITAL NHS FOUNDATION TRUST	2,437	1,708	70.1	338	195	57.7	740	477	64.5	333	219	65.8	1,026	817	79.6
RDY	DORSET HEALTHCARE UNIVERSITY NHS FOUNDATION TRUST	4,105	2,412	58.8	144	116	80.6	1,772	975	55.0	881	584	66.3	1,308	737	56.3
RN5	HAMPSHIRE HOSPITALS NHS FOUNDATION TRUST	5,584	4,118	73.7	953	677	71.0	1,958	1,251	63.9	755	615	81.5	1,918	1,575	82.1
R1F	ISLE OF WIGHT NHS TRUST	2,390	1,661	69.5	228	172	75.4	887	527	59.4	375	248	66.1	900	714	79.3
HCWQ7	NHS ENGLAND SOUTH (WESSEX) HCWs	6,889	4,674	67.8	1,694	1,217	71.8	1,104	813	73.6	133	90	67.7	3,958	2,554	64.5
RD3	POOLE HOSPITAL NHS FOUNDATION TRUST	3,469	2,641	76.1	481	369	76.7	1,107	784	70.8	615	442	71.9	1,266	1,046	82.6
RHU	PORTSMOUTH HOSPITALS NHS TRUST	7,668	5,309	69.2	994	757	76.2	2,321	1,641	70.7	867	631	72.8	3,486	2,280	65.4
R1C	SOLENT NHS TRUST	2,906	2,065	71.1	183	103	56.3	900	604	67.1	739	542	73.3	1,084	816	75.3
RW1	SOUTHERN HEALTH NHS FOUNDATION TRUST	4,949	2,500	50.5	282	145	51.4	1,720	871	50.6	668	371	55.5	2,279	1,113	48.8
RDZ	THE ROYAL BOURNEMOUTH AND CHRISTCHURCH HOSPITALS NHS FOUNDATION TRUST	4,386	3,075	70.1	583	404	69.3	1,465	1,082	73.9	605	605	100.0	1,733	984	56.8
RHM	UNIVERSITY HOSPITAL SOUTHAMPTON NHS FOUNDATION TRUST	9,666	6,649	68.8	1,787	1,109	62.1	3,509	2,361	67.3	1,196	839	70.2	3,174	2,340	73.7

Table 3: Seasonal influenza vaccine uptake in HCWs for all trusts by local NHS England Team in England for 2017 to 2018

Geographical Area	2017/18					
	Response Summary			Vaccine Uptake (%)		
	No. of Organisations	No. of Organisations making a return	% of Organisations making a return	No. of HCWs with Direct Patient Care	Seasonal flu doses given since 1 September 2017	Vaccine Uptake (%)
NORTH OF ENGLAND COMMISSIONING REGION	76	76	100.0	322,413	234,278	72.7
NHS ENGLAND NORTH (CHESHIRE AND MERSEYSIDE)	20	20	100.0	54,712	42,874	78.4
NHS ENGLAND NORTH (CUMBRIA AND NORTH EAST)	15	15	100.0	76,850	53,726	69.9
NHS ENGLAND NORTH (GREATER MANCHESTER)	13	13	100.0	62,539	43,268	69.2
NHS ENGLAND NORTH (LANCASHIRE)	5	5	100.0	25,776	20,547	79.7
NHS ENGLAND NORTH (YORKSHIRE AND HUMBER)	23	23	100.0	102,536	73,863	72.0
MIDLANDS AND EAST OF ENGLAND COMMISSIONING REGION	74	74	100.0	291,216	200,753	68.9
NHS ENGLAND MIDLANDS AND EAST (CENTRAL MIDLANDS)	16	16	100.0	61,342	43,045	70.2
NHS ENGLAND MIDLANDS AND EAST (EAST)	20	20	100.0	80,000	52,438	65.5
NHS ENGLAND MIDLANDS AND EAST (NORTH MIDLANDS)	17	17	100.0	71,274	49,757	69.8
NHS ENGLAND MIDLANDS AND EAST (WEST MIDLANDS)	21	21	100.0	78,600	55,513	70.6
LONDON COMMISSIONING REGION	37	37	100.0	154,828	99,007	63.9
NHS ENGLAND LONDON	37	37	100.0	154,828	99,007	63.9
SOUTH OF ENGLAND COMMISSIONING REGION	59	59	100.0	259,090	172,037	66.4
NHS ENGLAND SOUTH (SOUTH CENTRAL)	14	14	100.0	60,380	40,428	67.0
NHS ENGLAND SOUTH (SOUTH EAST)	19	19	100.0	83,301	55,149	66.2
NHS ENGLAND SOUTH (SOUTH WEST)	15	15	100.0	60,960	39,648	65.0
NHS ENGLAND SOUTH (WESSEX)	11	11	100.0	54,449	36,812	67.6