



Public Health
England

Protecting and improving the nation's health

Seasonal influenza vaccine uptake in healthcare workers (HCWs) in England:

Winter season 2016 to 2017

Final data for 1 September 2016 to 28 February 2017

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Executive summary

This document describes and reports on the uptake of seasonal influenza vaccine amongst frontline healthcare workers (HCWs) during the 2016 to 2017 vaccination campaign in England with a focus on the results from the final February survey (cumulative vaccinations administered up to and including 28 February 2017).

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 262 NHS trusts (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 2016 to 28 February 2017.

Data was collected by staff groupings (doctors, qualified nurses, other professionally qualified clinical staff, and clinical support staff) from each trust and aggregated by trust, ATs, region and nationally. The 2016 to 2017 season saw 63.2% of all frontline HCWs (from all trusts) with direct patient care reported to have received the 2016 to 2017 seasonal influenza vaccine in England. This is a significant increase in uptake compared with 50.6% of all frontline HCWs who received the seasonal influenza vaccine in the 2015 to 2016 season.

Regional and local vaccine uptake:

- seasonal influenza vaccine uptake (from all trusts) aggregated by AT ranged from 53.0% to 78.2%
- the highest seasonal influenza vaccine uptake by trust was 95.7%, with 34.6% of all trusts (82/237) achieving vaccine uptake rates of 75% or more
- seasonal influenza vaccine uptake (from GP practices and ISHCPs) aggregated by AT ranged from 49.5% to 72.1% with 0/25 ATs reporting uptake of 75% or greater

¹National influenza vaccination programme 2016 to 2017
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/529954/Annual_flu_letter_2016_2017.pdf

Vaccine uptake by staff group:

- the highest seasonal influenza vaccine uptake by staff group was achieved among all support clinical staff across England with an uptake rate of 68.9% followed by GP practice nurses with an uptake of 65.4%. The lowest uptake was 56.7% in support to GP staff

Background

Frontline healthcare workers (HCWs) involved in direct patient care are encouraged to receive a seasonal influenza vaccination annually to protect themselves and their patients from influenza². To assess the uptake of influenza vaccines for the 2016 to 2017 winter season among HCWs, a seasonal influenza vaccine uptake survey of all 262 NHS trusts (acute, ambulance, mental health, primary care, ATs 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 2016 to 2017 influenza season. This collection received an approval as a mandatory collection from the Review of Central Returns Steering Committee (ROCR) under licence ROCR/OR/2209/001MAND.

The Commissioning for Quality and Innovation (CQUIN) scheme was introduced in the 2016 to 2017 season 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 flu vaccination for frontline staff within providers by introducing payment incentives to trusts who reach high uptake rates (100% payment for trusts which reach the uptake rate of 75% or more).

The aims and objectives of the 2016 to 2017 seasonal influenza vaccine uptake by HCWs in England were to:

- monitor vaccine uptake amongst HCWs to inform the management and progress of the national vaccination programme
- allow DH, ATs 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

²National influenza vaccination programme 2016 to 2017
https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/529954/Annual_flu_letter_2016_2017.pdf

Methods

Cumulative data on seasonal influenza vaccine uptake was collected from all NHS trusts³, using the ImmForm website. Data was collected on frontline HCWs with direct patient care in five monthly surveys for vaccinations administered between 1 September 2016 and 28 February 2017 (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 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 2016 to 2017 monthly data collection schedule with original survey deadlines is provided in [Appendix B](#).

Trusts had seven working days to submit data manually onto the ImmForm website. ATs were allocated an additional two working days to amend and validate, ATs also had responsibility to follow up with non-responding trusts, GP practices and ISHCPs to ensure data was 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 ATs and has 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 ATs 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/AT
- compare vaccine uptake figures anonymously with other ATs and trusts (with trusts being able to view their data at national, regional and local levels) allowing data providers to compare their own performance with other organisations

³ This included acute NHS trust, ambulance NHS trust, care trust NHS, area team (GP/ISHCP), mental health trust, primary care and other trusts.

- allow ATs to view a 'non-responder' report which 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 five months. As none of this data was 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 was then manually checked and validated.

Results

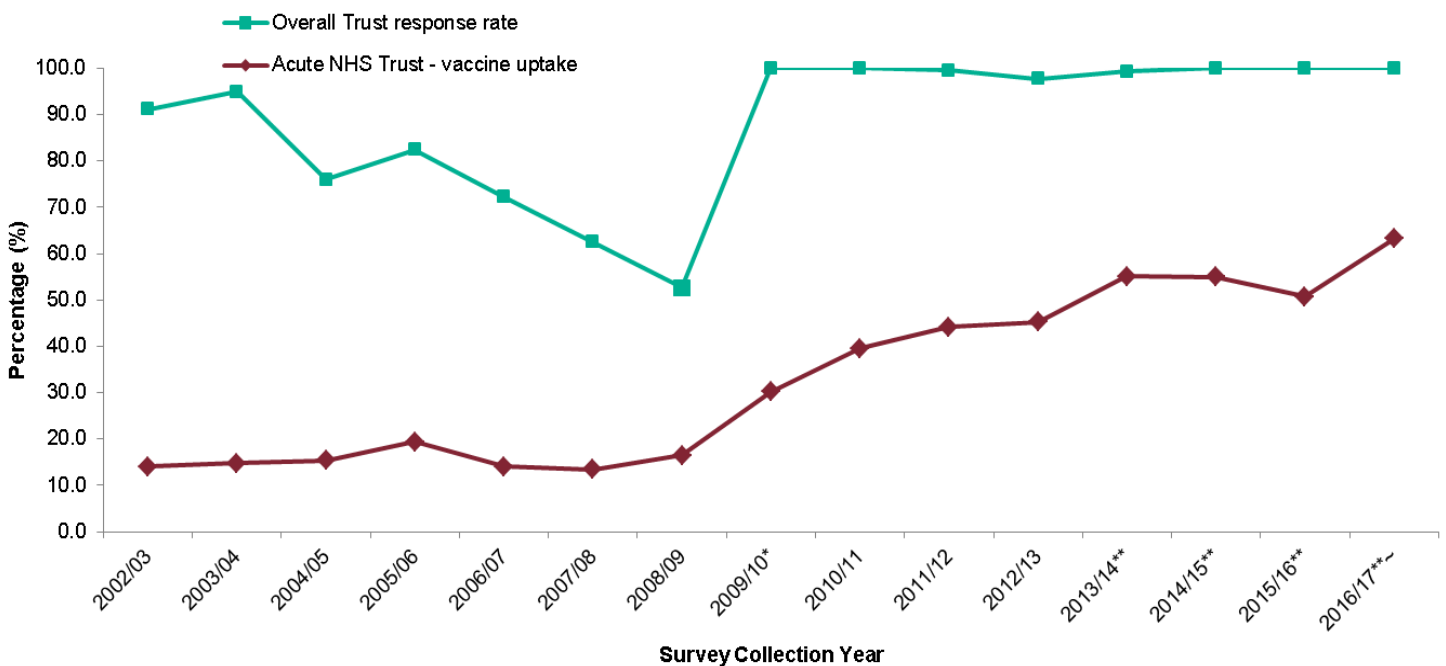
A total of 262 out of 262 trusts (100% response rate) submitted data on seasonal influenza vaccinations administered up to 28 February 2017. The same response rate of 100% (263/263) was seen in 2015 to 2016 season. Since the last influenza season, the total number of trusts has decreased from 263 to 262 trusts due to hospitals merging.

A summary of the main results at national, regional and local level are outlined below.

National vaccine uptake rates

Overall, 63.2% (625,086/989,730) of frontline HCWs received the seasonal influenza vaccine during the 2016 to 2017 season, compared with 50.6% in 2015 to 2016 and 54.9% in 2014 to 2015⁴ (Figure 1). Appendix D (Table 2) shows national (England) seasonal influenza vaccine uptake figures for the 2016 to 2017 season broken down by each AT.

Figure 1: Seasonal influenza vaccine uptake and response rate for acute trusts for season 2016 to 2017 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

⁴ Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCW's) in England, 2012 to 2016 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 support to clinical staff (68.9%), similar to the 2015 to 2016 season (65.2%). The lowest uptake was among support to GP staff (56.7%) compared to 52.6% in 2015 to 2016 season (Figure 2). Uptake of the seasonal influenza vaccine increased significantly during the first three months of vaccination and began to level off from December onwards (Figure 3).

Figure 2: Seasonal influenza vaccine uptake in healthcare workers (HCWs) by staff groupings in England for 2016 to 2017 compared with 2015 to 2016

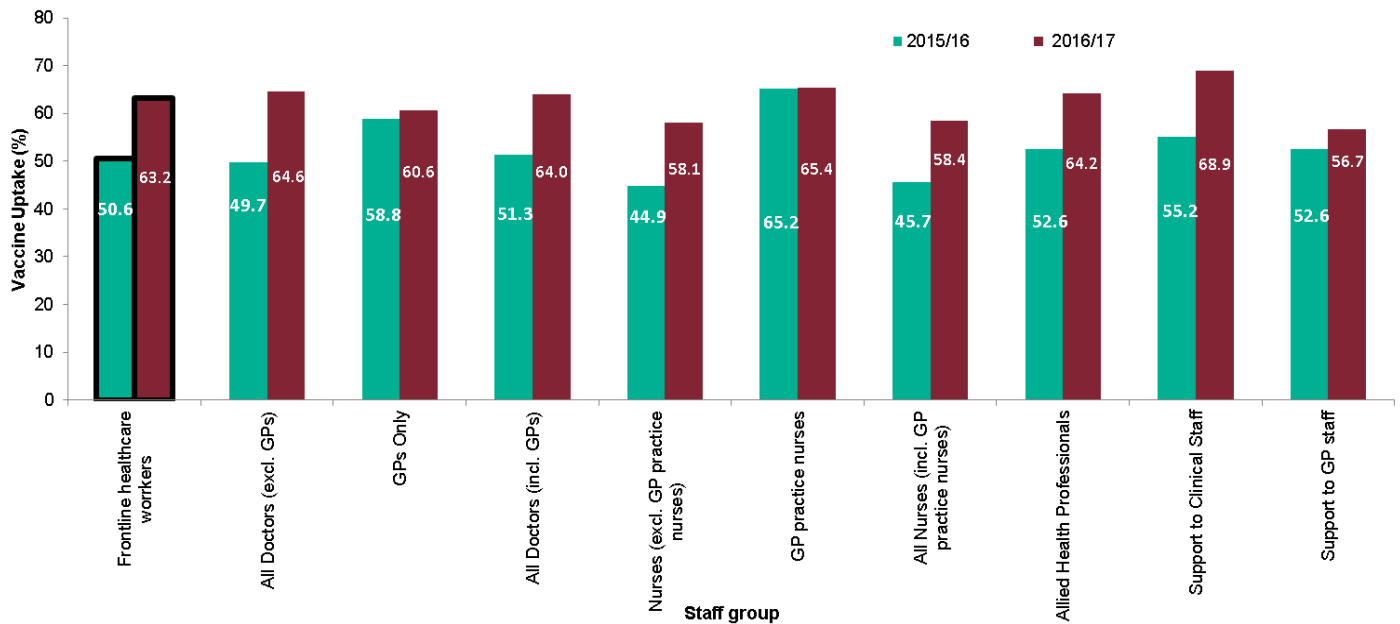
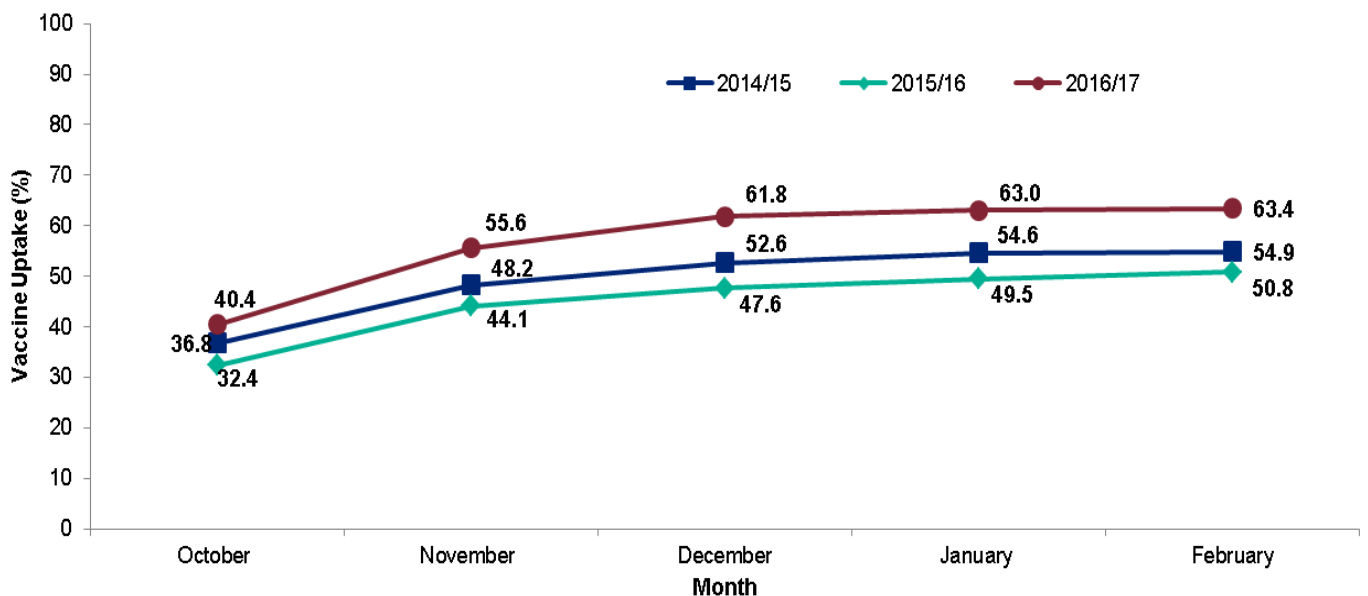


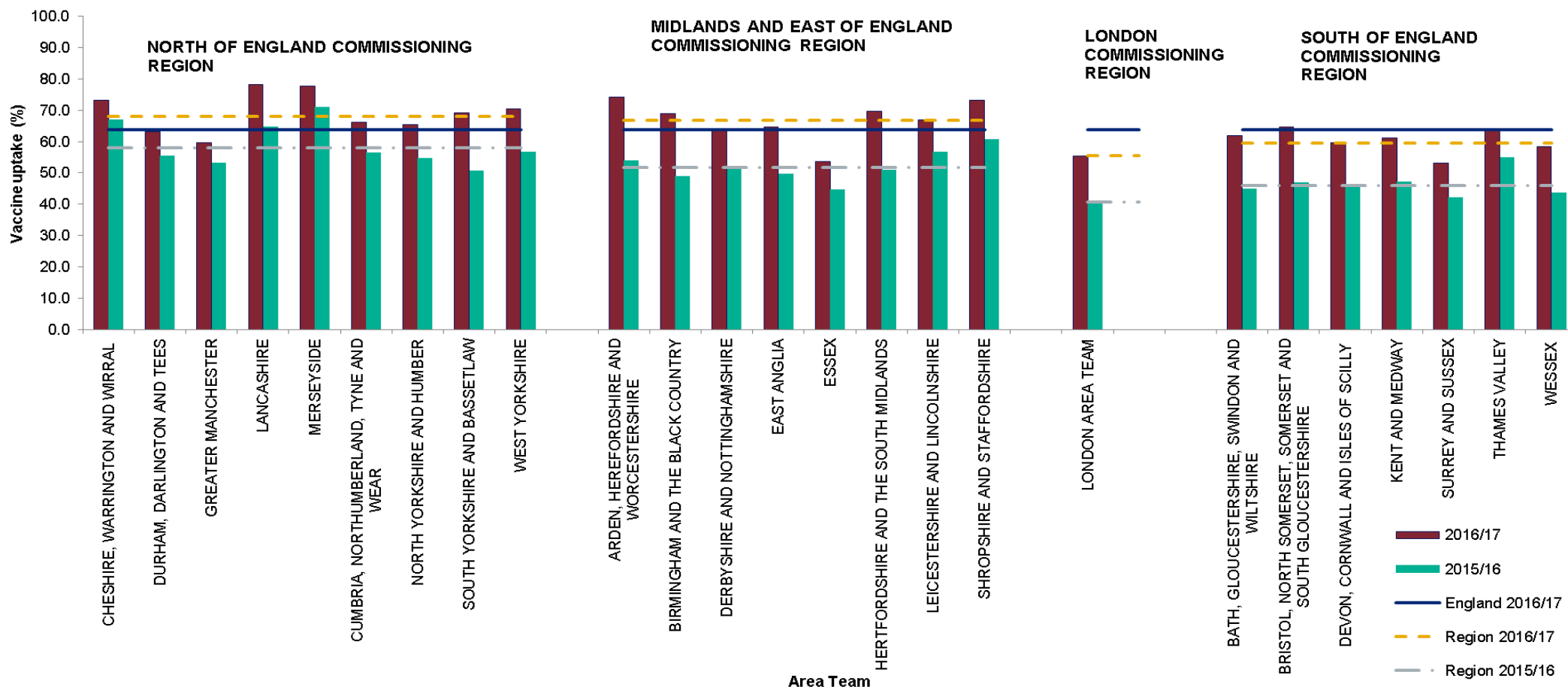
Figure 3: Seasonal influenza vaccine uptake in healthcare workers (HCWs) by month for England 2016 to 2017 season compared with 2015 to 2016 and 2014 to 2015 seasons.



Vaccine uptake rates by former Area Team

Seasonal influenza vaccine uptake (from all trusts) aggregated by former AT ranged from 53.0% to 78.2% with 2/25 ATs 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.

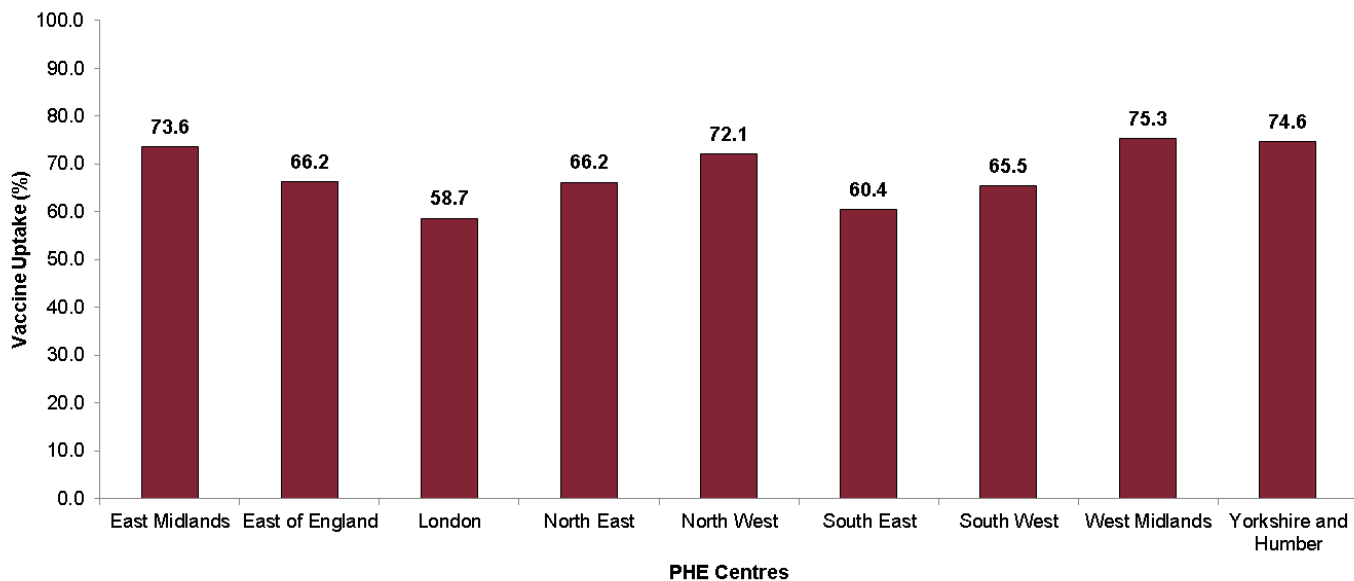
Figure 4: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in trust by former AT and Regions in 2016 to 2017 compared with 2015 to 2016.



Vaccine uptake rates by PHE centre

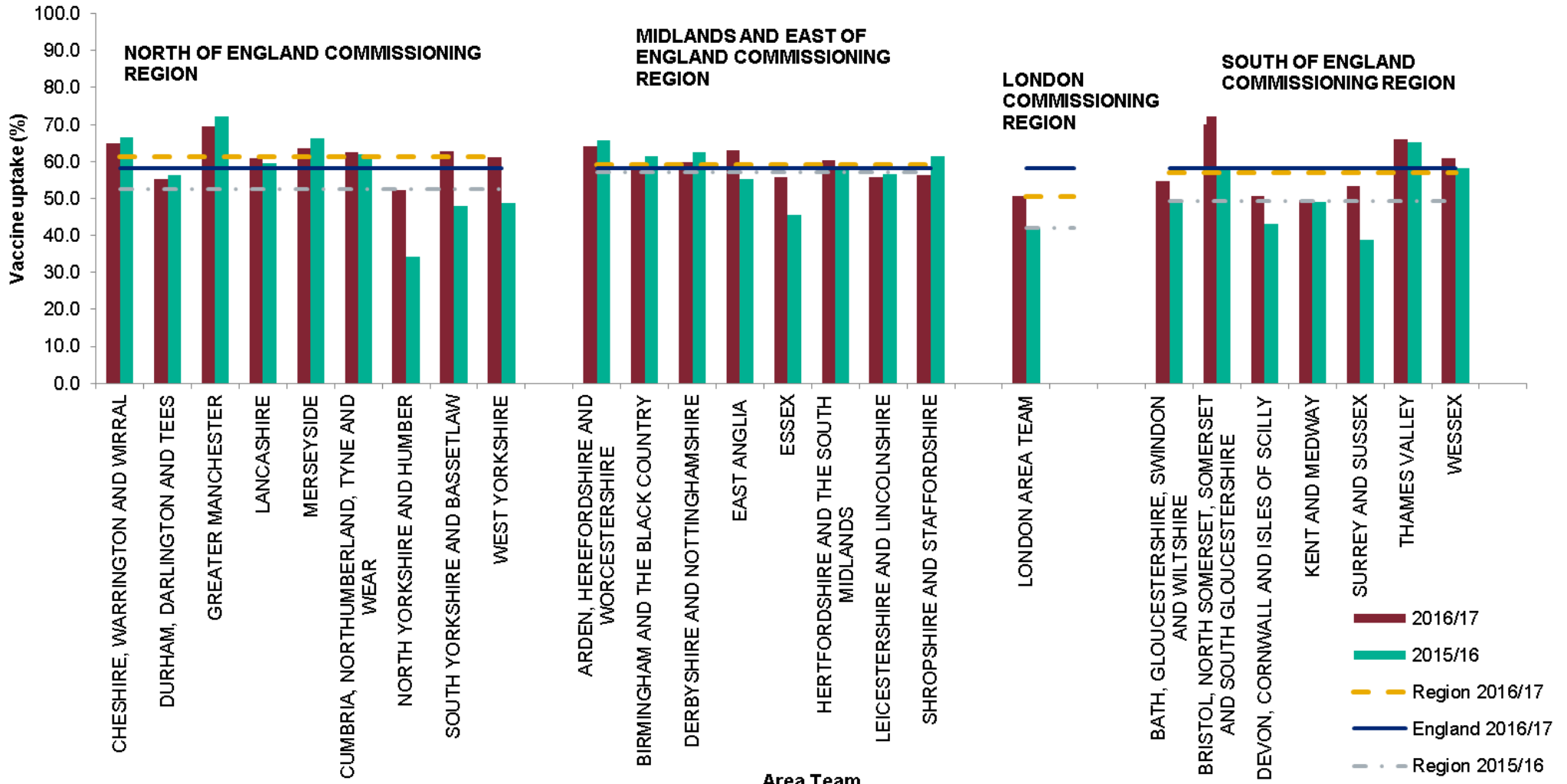
Seasonal influenza vaccine uptake (acute trusts) aggregated by PHE centres ranged from 58.2% to 75.3% (Figure 5). The highest vaccine uptake was achieved in the West Midlands PHE centre (75.3%) and the lowest was reported in London PHE centre (58.7%).

Figure 5: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in NHS trusts by PHE centres for 2016 to 2017 season



Seasonal influenza vaccine uptake (from GP Practices and ISHCs) aggregated by former AT ranged from 49.5% to 72.1% with 0/25 ATs reporting uptake of 75% or greater.

Figure 6: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in primary care and ISHCP in England by former AT 2016 to 2017 compared with 2015 to 2016.



Vaccine uptake rates by trust

The median seasonal influenza vaccine uptake was 65.9%, with an interquartile range (IQR) of 53.1% to 76.2%. The highest seasonal influenza vaccine uptake reported by a trust was 95.7%, with 34.6% of all trusts (82/237) achieving vaccine uptake rates of 75% or more. The lowest seasonal influenza vaccine uptake reported by a trust was 18.4%.

Vaccine uptake rates by trust type

Seasonal influenza vaccine uptake by trust type ranged from 53.1% for HCWs in ambulance trusts compared to 64.1% in Acute NHS Trust ([Table 1](#)). The uptake by all trust types (acute trusts, ambulance trusts and area team) has increased in comparison to the last three seasons (2015 to 2016, 2014 to 2015 and 2013 to 2014) 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 2016 to 2017 compared to previous seasons up to 2013 to 2014.

Trust Type	Seasonal Influenza Vaccinations in healthcare Workers with direct patient care (HCWs) All Trusts comparison for season 2013/14 to 2016/17											
	2013/14 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/13 to 31/01/14)			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 31/02/17)		
	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	851,826	469,766	55.1%	853,762	469,738	55.0%	871,502	442,388	50.8%	857,947	550,163	64.1%
Ambulance NHS Trust	28,787	12,072	41.9%	30,530	13,651	44.7%	32,901	14,123	42.9%	35,338	18,758	53.1%
Area Team	94,019	52,252	55.6%	103,018	58,368	56.7%	92,574	48,319	52.2%	96,445	56,165	58.2%
Total Number of HCWs	974,632	534,090	54.8%	987,310	541,757	54.9%	996,977	504,830	50.6%	989,730	625,086	63.2%

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

² Area team figures consist of GP practices and ISHCPs

Discussion

The 2016 to 2017 influenza season recorded a seasonal influenza vaccine uptake of 63.2% amongst HCWs in England, an increase in uptake by 12.6% (50.6% achieved in 2015 to 2016 season). This is the highest uptake achieved since the start of the programme (in the 2002 to 2003 season). In this season (2016 to 2017), the CQUIN scheme was introduced to improve the uptake of flu vaccination for frontline staff within providers. In 2016 to 2017 season, 34.6% of all trusts achieved vaccine uptake rates of 75% or more. The highest vaccine uptake by staff group was achieved among all support to clinical staff, however under 37% of HCWs in direct contact with patients (approximately 364,598), did not receive the influenza vaccine this season.

Vaccine uptake by NHS trust 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 Fighters⁵.

The 2016 to 2017 season saw similar challenges to previous seasons, such as issues related to availability of staff members to extract and report uptake figures to ImmForm.

For 2016 to 2017 season, new features such as information boxes to define inclusion criteria were added to the HCWs survey. 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.

⁵ 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.

UK studies have shown that the seasonal influenza vaccination lowers the risk of influenza infection^{6,7} and, when healthcare workers are vaccinated, lowers rates of influenza-like illness, hospitalisation, and mortality in vulnerable patients in long-term healthcare settings.^{8,9,10}

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 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 five years, supporting teams and individuals in NHS trusts to improve their staff flu vaccination uptake figures. The flu fighter campaign provides support, advice and

⁶ 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.

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

⁸Potter *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

⁹Carman *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.

¹⁰Hayward *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.

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 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

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- staff who participated in and supported the HCWs seasonal influenza vaccine uptake collection, principally trust and AT 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.

Appendices

(Data referenced in this report)

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>Professionally qualified clinical staff - consisting of all professional staff with direct patient care.</p> <p>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 (consultant, registrars, senior house officers, foundation years 1 and 2 staff, staff grades, associate specialists, clinical assistants and hospital practitioners) and students.</p>
Qualified nurses	<p>Qualified nurses including practice nurses – consists of qualified nursing, midwifery and health visiting staff, working in the hospital and community services and general practice. These nurses have at least first level registration. Includes nurse consultants, nurse managers bank nurses and students.</p>
<p>All other professionally qualified clinical staff</p> <p>This comprises:</p> <ul style="list-style-type: none"> • qualified scientific, therapeutic & technical staff (ST&T), • qualified allied health professionals (AHPs) • other qualified ST&T • qualified ambulance staff 	<p>Qualified scientific, therapeutic and technical staff (ST&T) – qualified health professionals (includes consultant therapists, ST&T managers and healthcare scientists).</p> <p>These staff work alongside doctors, nurses and other health professionals and are categorised into the following two groups:</p> <p>Qualified AHPs – qualified allied health professionals (AHPs) are the following staff:</p> <ul style="list-style-type: none"> - chiropodists/podiatrists - dieticians - occupational therapists - orthopaedists

Data item	Definitions of staff groups
	<ul style="list-style-type: none"> - physiotherapists - radiographers - art/music/drama therapists - speech and language therapists <p>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.</p> <p>Other qualified ST&T – other qualified health professionals including healthcare scientists and pharmacists. These are other staff working in key professional roles.</p> <p>Qualified ambulance staff – ambulance paramedics, technicians, emergency care practitioners and ambulance service managers, but does not include ambulance trainees. From 2006, ambulance staff are collected under more detailed occupation codes which can't be applied to previous years. Therefore, there will be comparability issues.</p>

Data item	Definitions of staff groups
	<p>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</p>
<p>Support to clinical staff</p> <p>This comprises:</p> <ul style="list-style-type: none"> • support to doctors and nurses • support to ST&T staff • support to ambulance staff 	<p>Support to doctors and nurses – nursing assistants/auxiliaries, nursery nurses, health care assistants and support staff in nursing areas. Also includes clerical and administrative staff and maintenance and works staff working specifically in clinical areas, for example, medical secretaries and medical records officers. They also include all support workers and healthcare assistants in central functions, as these are mainly general porters involved in moving patients around the hospital.</p> <p>Support to ST&T staff – ST&T trainees and helper/assistants. Also includes healthcare assistants, support workers, clerical and administrative staff and maintenance and works staff specifically identified as</p>

Data item**Definitions of staff groups**

supporting ST&T staff.

Support to ambulance staff – ambulance personnel, trainee ambulance technicians as well as healthcare assistants, support workers, clerical and administrative staff and maintenance and 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

N/A – not relevant to this data collection as these groups not involved in direct patient care

Central functions – includes clerical and administrative staff working in central functions. The group includes areas such as personnel, finance, IT, legal services, library services, health education and general management support services.

Hotel, property and estates – includes clerical and administrative staff and maintenance and works staff working in areas such as laundry, catering, domestic services and gardens. This group includes caretakers and labourers.

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

Appendix B Monthly data collection schedule for 2016 to 2017

The table below provides monthly data collection dates for trusts and Area Teams for the 2016 to 2017 programme.

Survey month	October 2016	November 2016	December 2016	January 2017	February 2017
Data should be provided on vaccinations given between the following dates (inclusive)	1 September to 31 October 2016	1 September to 30 November 2016	1 September to 31 December 2016	1 September to 2016 31 January 2017	1 September 2016 to 28 February 2017
Trusts	1 November to 09 November 2016	1 December to 9 December 2016	3 January to 11 January 2017	1 February to 08 February 2017	1 March to 08 March 2017
Area teams	1 November to 11 November 2016	1 December to 13 December 2016	3 January to 13 January 2017	1 February to 10 February 2017	1 March to 10 March 2017

Appendix C Seasonal influenza vaccine uptake survey form for 2016 to 2017

Section 1

1. What Type of NHS Organisation are you (please select)

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

2. Foundation Trust Status (please select)

- Foundation Trust?
- Non-Foundation Trust?

3. For Trusts with Hospitals Only		Column A
How many hospitals are there in this trust?		
Of the hospitals in the trust, how many provided data?		
Validation Check (not a field on the form)	A2 ≤ A1	

4. Total Number of Health Care Workers		
Number of HCWs involved with Direct Patient Care		
Number of HCWs NOT involved with Direct Patient Care		
Total	A3:A4	

Section 2

5. Number of HCWs Vaccinated by Occupation (HCWs Involved with DIRECT Patient Care ONLY)			
	Column A	Column B	Column C
Occupation	Number of HCWs involved with direct patient care on day of data extraction	Number of HCWs vaccinated since 1st Sept 2016	Vaccine Uptake (%)
All Doctors (excluding GPs)			(B6/A6)*100
GPs only			(B7/A7)*100
Qualified Nurses, midwives and health visitors (excluding GP Practice Nurses)			(B8/A8)*100
Qualified Nurses, midwives and health visitors (GP Practice Nurses only)			(B9/A9)*100
All other professionally qualified clinical staff, which comprises of- <ul style="list-style-type: none"> • Qualified scientific, therapeutic & technical staff (ST&T), • Qualified allied health professionals (AHPs) • Other qualified ST&T • Qualified ambulance staff 			(B10/A10)*100
Support to Clinical Staff, which comprises of- <ul style="list-style-type: none"> • Support to doctors (excluding GPs) & nurses • Support to ST&T staff • Support to ambulance staff 			(B11/A11)*100
Support to GP staff			(B12/A12)*100
Total	A6:A12	B6:B13	

Appendix D Vaccine uptake data

Table 2: Seasonal influenza national vaccine uptake data by Area Teams and Trusts, England 2016 to 2017

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 2017.

Org Code	Org Name	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.	%
CHESHIRE, WARRINGTON AND WIRRAL AREA TEAM																
ATQ44	CHESHIRE, WARRINGTON AND WIRRAL AREA TEAM HEALTH CARE WORKERS	3484	2266	65.0	986	655	66.4	537	401	74.7	98	75	76.5	1863	1135	60.9
RBL	WIRRAL UNIVERSITY TEACHING HOSPITAL NHS FOUNDATION TRUST	4750	3754	79.0	523	492	94.1	1614	1245	77.1	653	501	76.7	1960	1516	77.3
RBT	MID CHESHIRE HOSPITALS NHS FOUNDATION TRUST	2768	2111	76.3	322	257	79.8	1016	770	75.8	315	246	78.1	1115	838	75.2

Org Code	Org Name	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.	%
REN	THE CLATTERBRIDGE CANCER CENTRE NHS FOUNDATION TRUST	784	603	76.9	103	66	64.1	170	129	75.9	262	195	74.4	249	213	85.5
RJN	EAST CHESHIRE NHS TRUST	2064	1274	61.7	203	157	77.3	832	495	59.5	354	216	61.0	675	406	60.1
RJR	COUNTESS OF CHESTER HOSPITAL NHS FOUNDATION TRUST	3421	2701	79.0	329	309	93.9	1020	775	76.0	441	411	93.2	1631	1206	73.9
RTV	5 BOROUGHES PARTNERSHIP NHS FOUNDATION TRUST	2288	1749	76.4	90	89	98.9	1001	604	60.3	448	308	68.8	749	748	99.9
RWW	WARRINGTON AND HALTON HOSPITALS NHS FOUNDATION TRUST	2677	2190	81.8	306	292	95.4	1099	728	66.2	519	462	89.0	753	708	94.0
RXA	CHESHIRE AND WIRRAL PARTNERSHIP NHS FOUNDATION TRUST	3037	1754	57.8	174	108	62.1	1293	791	61.2	580	343	59.1	990	512	51.7
RY7	WIRRAL COMMUNITY NHS TRUST	1153	677	58.7	18	10	55.6	674	391	58.0	203	125	61.6	258	151	58.5

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		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.	%
DURHAM, DARLINGTON AND TEES AREA TEAM																
ATQ45	DURHAM, DARLINGTON AND TEES AREA TEAM HEALTH CARE WORKERS	2262	1252	55.3	623	361	57.9	497	299	60.2	49	30	61.2	1093	562	51.4
RTR	SOUTH TEES HOSPITALS NHS FOUNDATION TRUST	7739	5947	76.8	952	737	77.4	2886	1936	67.1	1352	957	70.8	2549	2317	90.9
RVW	NORTH TEES AND HARTLEPOOL NHS FOUNDATION TRUST	4424	2593	58.6	506	344	68.0	1589	918	57.8	730	443	60.7	1599	888	55.5
RX3	TEES, ESK AND WEAR VALLEYS NHS FOUNDATION TRUST	5445	3018	55.4	311	220	70.7	2177	1167	53.6	772	413	53.5	2185	1218	55.7
RXP	COUNTY DURHAM AND DARLINGTON NHS FOUNDATION TRUST	6960	3975	57.1	670	382	57.0	2696	1336	49.6	864	369	42.7	2730	1888	69.2

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			No.	%		No.	%		No.	%		No.	%		No.	%
GREATER MANCHESTER AREA TEAM																
ATQ46	GREATER MANCHESTER AREA TEAM HEALTH CARE WORKERS	2928	2036	69.5	912	633	69.4	468	358	76.5	81	55	67.9	1467	990	67.5
RBV	THE CHRISTIE NHS FOUNDATION TRUST	1572	1186	75.4	230	174	75.7	579	447	77.2	385	276	71.7	378	289	76.5
RM2	UNIVERSITY HOSPITAL OF SOUTH MANCHESTER NHS FOUNDATION TRUST	5066	3351	66.1	920	538	58.5	2027	1164	57.4	788	541	68.7	1331	1108	83.2
RM3	SALFORD ROYAL NHS FOUNDATION TRUST	4325	3369	77.9	581	359	61.8	1755	1213	69.1	1152	1022	88.7	837	775	92.6
RMC	BOLTON NHS FOUNDATION TRUST	4180	3005	71.9	494	357	72.3	1882	1159	61.6	493	348	70.6	1311	1141	87.0
RMP	TAMESIDE HOSPITAL NHS FOUNDATION TRUST	2867	1877	65.5	339	152	44.8	1029	629	61.1	221	198	89.6	1278	898	70.3

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		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.	%
RRF	WRIGHTINGTON, WIGAN AND LEIGH NHS FOUNDATION TRUST	2847	1882	66.1	377	216	57.3	1265	772	61.0	344	256	74.4	861	638	74.1
RT2	PENNINE CARE NHS FOUNDATION TRUST	4504	1375	30.5	157	66	42.0	1909	649	34.0	983	379	38.6	1455	281	19.3
RW3	CENTRAL MANCHESTER UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	7408	3523	47.6	871	580	66.6	3216	1428	44.4	1131	754	66.7	2190	761	34.7
RW6	PENNINE ACUTE HOSPITALS NHS TRUST	8865	4750	53.6	737	554	75.2	2855	1243	43.5	1041	525	50.4	4232	2428	57.4
RWJ	STOCKPORT NHS FOUNDATION TRUST	3878	3086	79.6	374	372	99.5	1545	1158	75.0	512	383	74.8	1447	1173	81.1
RX7	NORTH WEST AMBULANCE SERVICE NHS TRUST	4940	2618	53.0	0	0		61	27	44.3	3296	1525	46.3	1583	1066	67.3
RXV	GREATER MANCHESTER WEST MENTAL HEALTH NHS FOUNDATION TRUST	2286	1778	77.8	147	115	78.2	774	615	79.5	571	441	77.2	794	607	76.4

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			No.	%		No.	%		No.	%		No.	%		No.	%
RY2	BRIDGEWATER COMMUNITY HEALTHCARE NHS TRUST	2441	1239	50.8	92	35	38.0	1156	603	52.2	437	249	57.0	756	352	46.6
TAE	MANCHESTER MENTAL HEALTH AND SOCIAL CARE TRUST	1264	599	47.4	50	28	56.0	455	246	54.1	245	111	45.3	514	214	41.6
LANCASHIRE AREA TEAM																
ATQ47	LANCASHIRE AREA TEAM HEALTH CARE WORKERS	2492	1515	60.8	580	354	61.0	377	257	68.2	19	14	73.7	1516	890	58.7
RTX	UNIVERSITY HOSPITALS OF MORECAMBE BAY NHS FOUNDATION TRUST	3630	2788	76.8	380	341	89.7	1531	1053	68.8	476	366	76.9	1243	1028	82.7
RW5	LANCASHIRE CARE NHS FOUNDATION TRUST	4062	2928	72.1	218	173	79.4	1762	1289	73.2	433	386	89.1	1649	1080	65.5
RXL	BLACKPOOL TEACHING HOSPITALS NHS FOUNDATION TRUST	4829	3687	76.4	373	276	74.0	2180	1557	71.4	995	704	70.8	1281	1150	89.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
RXN	LANCASHIRE TEACHING HOSPITALS NHS FOUNDATION TRUST	6374	4841	75.9	763	596	78.1	2032	1398	68.8	857	613	71.5	2722	2234	82.1
RXR	EAST LANCASHIRE HOSPITALS NHS TRUST	7001	5994	85.6	567	462	81.5	2507	1868	74.5	1953	1847	94.6	1974	1817	92.0
MERSEYSIDE AREA TEAM																
ATQ48	MERSEYSIDE AREA TEAM HEALTH CARE WORKERS	2104	1337	63.5	641	406	63.3	317	222	70.0	51	35	68.6	1095	674	61.6
RBN	ST HELENS AND KNOWSLEY HOSPITALS NHS TRUST	3442	2824	82.0	414	353	85.3	1417	1065	75.2	589	470	79.8	1022	936	91.6
RBQ	LIVERPOOL HEART AND CHEST NHS FOUNDATION TRUST	1348	928	68.8	98	92	93.9	499	377	75.6	210	170	81.0	541	289	53.4
RBS	ALDER HEY CHILDREN'S NHS FOUNDATION TRUST	1891	1429	75.6	262	171	65.3	986	808	81.9	327	221	67.6	316	229	72.5

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			No.	%		No.	%		No.	%		No.	%		No.	%
REM	AINTREE UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	2772	2317	83.6	415	412	99.3	1122	852	75.9	592	413	69.8	643	640	99.5
REP	LIVERPOOL WOMEN'S NHS FOUNDATION TRUST	978	755	77.2	73	68	93.2	599	395	65.9	46	45	97.8	260	247	95.0
RET	THE WALTON CENTRE NHS FOUNDATION TRUST	994	761	76.6	153	101	66.0	420	276	65.7	175	138	78.9	246	246	100.0
RQ6	ROYAL LIVERPOOL AND BROADGREEN UNIVERSITY HOSPITALS NHS TRUST	5089	3871	76.1	821	725	88.3	2122	1322	62.3	688	549	79.8	1458	1275	87.4
RVY	SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	2332	1805	77.4	231	208	90.0	1091	702	64.3	419	319	76.1	591	576	97.5
RW4	MERSEY CARE NHS TRUST	2948	2294	77.8	99	66	66.7	943	729	77.3	360	277	76.9	1546	1222	79.0
RY1	LIVERPOOL COMMUNITY HEALTH NHS TRUST	2429	1837	75.6	51	45	88.2	1235	959	77.7	349	257	73.6	794	576	72.5

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			No.	%		No.	%		No.	%		No.	%		No.	%
CUMBRIA, NORTHUMBERLAND, TYNE AND WEAR AREA TEAM																
ATQ49	CUMBRIA, NORTHUMBERLAND, TYNE AND WEAR AREA TEAM HEALTH CARE WORKERS	3254	2037	62.6	1089	730	67.0	651	446	68.5	75	52	69.3	1439	809	56.2
RE9	SOUTH TYNESIDE NHS FOUNDATION TRUST	3294	2552	77.5	216	177	81.9	1499	874	58.3	298	283	95.0	1281	1218	95.1
RLN	CITY HOSPITALS SUNDERLAND NHS FOUNDATION TRUST	3624	2799	77.2	509	398	78.2	1515	993	65.5	582	409	70.3	1018	999	98.1
RNL	NORTH CUMBRIA UNIVERSITY HOSPITALS NHS TRUST	3427	2585	75.4	416	349	83.9	1353	979	72.4	466	360	77.3	1192	897	75.3
RNN	CUMBRIA PARTNERSHIP NHS FOUNDATION TRUST	2866	1912	66.7	105	72	68.6	1243	854	68.7	606	389	64.2	912	597	65.5
RR7	GATESHEAD HEALTH NHS FOUNDATION TRUST	3098	2358	76.1	355	297	83.7	1208	847	70.1	501	422	84.2	1034	792	76.6

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			No.	%		No.	%		No.	%		No.	%		No.	%
RTD	THE NEWCASTLE UPON TYNE HOSPITALS NHS FOUNDATION TRUST	9895	5872	59.3	1790	1168	65.3	4511	2593	57.5	826	553	66.9	2768	1558	56.3
RTF	NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	6151	3811	62.0	620	409	66.0	2793	1231	44.1	578	551	95.3	2160	1620	75.0
RX4	NORTHUMBERLAND, TYNE AND WEAR NHS FOUNDATION TRUST	4744	3056	64.4	306	176	57.5	1772	1261	71.2	670	387	57.8	1996	1232	61.7
RX6	NORTH EAST AMBULANCE SERVICE NHS FOUNDATION TRUST	2198	1063	48.4	1	1	100.0	18	8	44.4	542	230	42.4	1637	824	50.3
NORTH YORKSHIRE AND HUMBER AREA TEAM																
ATQ50	NORTH YORKSHIRE AND HUMBER AREA TEAM HEALTH CARE WORKERS	4128	2157	52.3	808	384	47.5	1336	657	49.2	296	131	44.3	1688	985	58.4
RCB	YORK TEACHING HOSPITAL NHS FOUNDATION TRUST	6143	4265	69.4	851	540	63.5	2333	1367	58.6	1024	705	68.8	1935	1653	85.4

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			No.	%		No.	%		No.	%		No.	%		No.	%
RCD	HARROGATE AND DISTRICT NHS FOUNDATION TRUST	2867	1206	42.1	320	152	47.5	1287	531	41.3	471	192	40.8	789	331	42.0
RJL	NORTHERN LINCOLNSHIRE AND GOOLE HOSPITALS NHS FOUNDATION TRUST	3967	2841	71.6	447	319	71.4	1562	898	57.5	506	451	89.1	1452	1173	80.8
RV9	HUMBER NHS FOUNDATION TRUST	2277	746	32.8	93	24	25.8	1016	269	26.5	420	154	36.7	748	299	40.0
RWA	HULL AND EAST YORKSHIRE HOSPITALS NHS TRUST	6945	5448	78.4	1074	587	54.7	2404	1732	72.0	1008	905	89.8	2459	2224	90.4
SOUTH YORKSHIRE AND BASSETLAW AREA TEAM																
ATQ51	SOUTH YORKSHIRE AND BASSETLAW AREA TEAM HEALTH CARE WORKERS	2473	1550	62.7	690	418	60.6	426	282	66.2	62	44	71.0	1295	806	62.2
RCU	SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST	2202	1335	60.6	284	174	61.3	855	530	62.0	365	225	61.6	698	406	58.2

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			No.	%		No.	%		No.	%		No.	%		No.	%
RFF	BARNSELY HOSPITAL NHS FOUNDATION TRUST	2009	1430	71.2	241	213	88.4	830	510	61.4	368	214	58.2	570	493	86.5
RFR	THE ROTHERHAM NHS FOUNDATION TRUST	2903	2327	80.2	286	216	75.5	1185	699	59.0	380	379	99.7	1052	1033	98.2
RHQ	SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	11852	9012	76.0	1374	1290	93.9	4037	3072	76.1	1834	1242	67.7	4607	3408	74.0
RP5	DONCASTER AND BASSETLAW HOSPITALS NHS FOUNDATION TRUST	4698	3650	77.7	518	489	94.4	1764	1355	76.8	524	424	80.9	1892	1382	73.0
RXE	ROTHERHAM, DONCASTER AND SOUTH HUMBER NHS FOUNDATION TRUST	2989	1835	61.4	100	71	71.0	1624	1005	61.9	996	579	58.1	269	180	66.9
TAH	SHEFFIELD HEALTH AND SOCIAL CARE NHS FOUNDATION TRUST	2597	640	24.6	185	43	23.2	597	178	29.8	374	124	33.2	1441	295	20.5

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			No.	%		No.	%		No.	%		No.	%		No.	%
WEST YORKSHIRE AREA TEAM																
ATQ52	WEST YORKSHIRE AREA TEAM HEALTH CARE WORKERS	3905	2387	61.1	1145	679	59.4	720	492	68.3	113	73	64.6	1927	1143	59.3
RAE	BRADFORD TEACHING HOSPITALS NHS FOUNDATION TRUST	4312	3285	76.2	676	520	76.9	1636	1119	68.4	590	370	62.7	1410	1276	90.5
RCF	AIREDALE NHS FOUNDATION TRUST	1867	1414	75.7	284	210	73.9	725	527	72.7	322	254	78.9	536	423	78.9
RGD	LEEDS AND YORK PARTNERSHIP NHS FOUNDATION TRUST	1692	931	55.0	153	80	52.3	588	378	64.3	227	128	56.4	724	345	47.7
RR8	LEEDS TEACHING HOSPITALS NHS TRUST	12268	9796	79.9	2177	1389	63.8	3868	2673	69.1	2538	2060	81.2	3685	3674	99.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
RWY	CALDERDALE AND HUDDERSFIELD NHS FOUNDATION TRUST	3940	3017	76.6	511	381	74.6	1793	1323	73.8	426	405	95.1	1210	908	75.0
RX8	YORKSHIRE AMBULANCE SERVICE NHS TRUST	4613	850	18.4	0	0		66	21	31.8	1871	377	20.1	2676	452	16.9
RXF	MID YORKSHIRE HOSPITALS NHS TRUST	3925	3137	79.9	820	546	66.6	1818	1344	73.9	206	201	97.6	1081	1046	96.8
RXG	SOUTH WEST YORKSHIRE PARTNERSHIP NHS FOUNDATION TRUST	2677	2049	76.5	149	128	85.9	1066	804	75.4	501	370	73.9	961	747	77.7
RY6	LEEDS COMMUNITY HEALTHCARE NHS TRUST	2291	1761	76.9	73	40	54.8	1089	798	73.3	620	418	67.4	509	505	99.2
TAD	BRADFORD DISTRICT CARE TRUST (Trust based)	1926	1555	80.7	97	81	83.5	1009	837	83.0	333	234	70.3	487	403	82.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
ARDEN, HEREFORDSHIRE AND WORCESTERSHIRE AREA TEAM																
ATQ53	ARDEN, HEREFORDSHIRE AND WORCESTERSHIRE AREA TEAM HEALTH CARE WORKERS	1411	903	64.0	445	302	67.9	272	192	70.6	25	16	64.0	669	393	58.7
R1A	WORCESTERSHIRE HEALTH AND CARE NHS TRUST	3057	2315	75.7	142	104	73.2	1267	802	63.3	504	411	81.5	1144	998	87.2
RJC	SOUTH WARWICKSHIRE NHS FOUNDATION TRUST	3657	2901	79.3	295	246	83.4	1428	1117	78.2	610	483	79.2	1324	1055	79.7
RKB	UNIVERSITY HOSPITALS COVENTRY AND WARWICKSHIRE NHS TRUST	6099	4742	77.8	919	751	81.7	2330	1486	63.8	982	686	69.9	1868	1819	97.4
RLQ	WYE VALLEY NHS TRUST	2408	1846	76.7	277	204	73.6	927	661	71.3	453	314	69.3	751	667	88.8
RLT	GEORGE ELIOT HOSPITAL NHS TRUST	1802	1402	77.8	232	181	78.0	662	449	67.8	210	154	73.3	698	618	88.5
RWP	WORCESTERSHIRE ACUTE HOSPITALS NHS TRUST	5111	3891	76.1	695	535	77.0	2077	1426	68.7	651	498	76.5	1688	1432	84.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
RYG	COVENTRY AND WARWICKSHIRE PARTNERSHIP NHS TRUST	3339	1793	53.7	177	120	67.8	932	449	48.2	470	303	64.5	1760	921	52.3
BIRMINGHAM AND THE BLACK COUNTRY AREA TEAM																
ATQ54	BIRMINGHAM AND THE BLACK COUNTRY AREA TEAM HEALTH CARE WORKERS	1249	736	58.9	381	231	60.6	228	154	67.5	47	27	57.4	593	324	54.6
RBK	WALSALL HEALTHCARE NHS TRUST	2882	2248	78.0	387	283	73.1	1240	899	72.5	460	280	60.9	795	786	98.9
RL4	THE ROYAL WOLVERHAMPTON NHS TRUST	5628	4037	71.7	780	631	80.9	2247	1595	71.0	941	602	64.0	1660	1209	72.8
RLU	BIRMINGHAM WOMEN'S NHS FOUNDATION TRUST	1060	721	68.0	115	105	91.3	470	325	69.1	265	173	65.3	210	118	56.2
RNA	THE DUDLEY GROUP NHS FOUNDATION TRUST	3499	1746	49.9	508	265	52.2	1489	680	45.7	536	276	51.5	966	525	54.3

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			No.	%		No.	%		No.	%		No.	%		No.	%
RQ3	BIRMINGHAM CHILDREN'S HOSPITAL NHS FOUNDATION TRUST	2301	2203	95.7	369	369	100.0	1008	939	93.2	377	377	100.0	547	518	94.7
RR1	HEART OF ENGLAND NHS FOUNDATION TRUST	8291	6383	77.0	1081	904	83.6	3476	2289	65.9	1424	1050	73.7	2310	2140	92.6
RRJ	THE ROYAL ORTHOPAEDIC HOSPITAL NHS FOUNDATION TRUST	885	450	50.8	136	51	37.5	277	153	55.2	145	69	47.6	327	177	54.1
RRK	UNIVERSITY HOSPITALS BIRMINGHAM NHS FOUNDATION TRUST	5171	3959	76.6	1168	702	60.1	2375	1674	70.5	456	439	96.3	1172	1144	97.6
RXK	SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	4671	3799	81.3	760	677	89.1	1969	1392	70.7	848	696	82.1	1094	1034	94.5
RXT	BIRMINGHAM AND SOLIHULL MENTAL HEALTH NHS FOUNDATION TRUST	3032	1156	38.1	252	97	38.5	1187	469	39.5	474	211	44.5	1119	379	33.9

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			No.	%		No.	%		No.	%		No.	%		No.	%
RYA	WEST MIDLANDS AMBULANCE SERVICE NHS TRUST	4272	3256	76.2	23	23	100.0	3	3	100.0	2648	1982	74.8	1598	1248	78.1
RYK	DUDLEY AND WALSALL MENTAL HEALTH PARTNERSHIP NHS TRUST	779	468	60.1	76	56	73.7	351	179	51.0	128	80	62.5	224	153	68.3
RYW	BIRMINGHAM COMMUNITY HEALTHCARE NHS TRUST	4081	1736	42.5	239	97	40.6	1493	622	41.7	787	396	50.3	1562	621	39.8
TAJ	BLACK COUNTRY PARTNERSHIP NHS FOUNDATION TRUST (Trust based)	1390	850	61.2	94	75	79.8	630	328	52.1	353	168	47.6	313	279	89.1
DERBYSHIRE AND NOTTINGHAMSHIRE AREA TEAM																
ATQ55	DERBYSHIRE AND NOTTINGHAMSHIRE AREA TEAM HEALTH CARE WORKERS	4205	2509	59.7	791	533	67.4	1079	647	60.0	619	263	42.5	1716	1066	62.1

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			No.	%		No.	%		No.	%		No.	%		No.	%
RFS	CHESTERFIELD ROYAL HOSPITAL NHS FOUNDATION TRUST	3134	2417	77.1	373	289	77.5	980	679	69.3	384	347	90.4	1397	1102	78.9
RHA	NOTTINGHAMSHIRE HEALTHCARE NHS TRUST	3968	1653	41.7	175	99	56.6	1511	634	42.0	845	292	34.6	1437	628	43.7
RK5	SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	3848	2910	75.6	516	320	62.0	1303	844	64.8	529	259	49.0	1500	1487	99.1
RTG	DERBY HOSPITALS NHS FOUNDATION TRUST	6078	4573	75.2	908	623	68.6	2452	1561	63.7	1016	761	74.9	1702	1628	95.7
RX1	NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	9878	6536	66.2	1864	1182	63.4	4393	2971	67.6	1420	1004	70.7	2201	1379	62.7
RX9	EAST MIDLANDS AMBULANCE SERVICE NHS TRUST	2867	1753	61.1	0	0		0	0		1887	1159	61.4	980	594	60.6
RXM	DERBYSHIRE HEALTHCARE NHS FOUNDATION TRUST	1794	688	38.4	143	83	58.0	869	324	37.3	330	120	36.4	452	161	35.6

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			No.	%		No.	%		No.	%		No.	%		No.	%
RY8	DERBYSHIRE COMMUNITY HEALTH SERVICES NHS TRUST	3833	2012	52.5	76	45	59.2	1298	664	51.2	703	394	56.0	1756	909	51.8
EAST ANGLIA AREA TEAM																
ATQ56	EAST ANGLIA AREA TEAM HEALTH CARE WORKERS	5284	3324	62.9	1476	907	61.4	1441	1013	70.3	345	214	62.0	2022	1190	58.9
RCX	THE QUEEN ELIZABETH HOSPITAL, KING'S LYNN, NHS FOUNDATION TRUST	2536	1745	68.8	351	251	71.5	960	665	69.3	265	211	79.6	960	618	64.4
RGM	PAPWORTH HOSPITAL NHS FOUNDATION TRUST	1510	1138	75.4	235	120	51.1	635	421	66.3	218	210	96.3	422	387	91.7
RGN	PETERBOROUGH AND STAMFORD HOSPITALS NHS FOUNDATION TRUST	3865	2546	65.9	483	328	67.9	1481	884	59.7	435	299	68.7	1466	1035	70.6
RGP	JAMES PAGET UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	2861	1886	65.9	330	307	93.0	911	628	68.9	277	188	67.9	1343	763	56.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
RGQ	IPSWICH HOSPITAL NHS TRUST	3464	1609	46.4	524	213	40.6	1463	607	41.5	515	255	49.5	962	534	55.5
RGR	WEST SUFFOLK NHS FOUNDATION TRUST	3480	2276	65.4	360	260	72.2	955	601	62.9	474	315	66.5	1691	1100	65.1
RGT	CAMBRIDGE UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	7833	5906	75.4	1238	1146	92.6	2911	2287	78.6	2680	1514	56.5	1004	959	95.5
RM1	NORFOLK AND NORWICH UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	6735	5483	81.4	1133	858	75.7	2126	1713	80.6	1050	814	77.5	2426	2098	86.5
RMY	NORFOLK AND SUFFOLK NHS FOUNDATION TRUST	2723	1260	46.3	206	98	47.6	1097	409	37.3	406	205	50.5	1014	548	54.0
RQQ	HINCHINGBROOKE HEALTH CARE NHS TRUST	1215	935	77.0	191	141	73.8	555	370	66.7	171	152	88.9	298	272	91.3

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			No.	%		No.	%		No.	%		No.	%		No.	%
RT1	CAMBRIDGESHIRE AND PETERBOROUGH NHS FOUNDATION TRUST	3292	1769	53.7	153	70	45.8	1114	710	63.7	595	315	52.9	1430	674	47.1
RY3	NORFOLK COMMUNITY HEALTH AND CARE NHS TRUST	2462	1280	52.0	25	16	64.0	885	352	39.8	401	243	60.6	1151	669	58.1
RYC	EAST OF ENGLAND AMBULANCE SERVICE NHS TRUST	4135	1912	46.2	0	0		0	0		3765	1773	47.1	370	139	37.6
RYV	CAMBRIDGESHIRE COMMUNITY SERVICES NHS TRUST	1406	985	70.1	83	71	85.5	744	394	53.0	214	167	78.0	365	353	96.7
ATQ57	ESSEX AREA TEAM HEALTH CARE WORKERS	2595	1447	55.8	694	355	51.2	869	438	50.4	179	152	84.9	853	502	58.9
RAJ	SOUTHEND UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	3520	1799	51.1	493	245	49.7	1293	557	43.1	526	285	54.2	1208	712	58.9

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			No.	%		No.	%		No.	%		No.	%		No.	%
RDD	BASILDON AND THURROCK UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	3744	1800	48.1	524	214	40.8	1369	631	46.1	458	200	43.7	1393	755	54.2
RDE	COLCHESTER HOSPITAL UNIVERSITY NHS FOUNDATION TRUST	3025	2458	81.3	522	394	75.5	1235	985	79.8	353	307	87.0	915	772	84.4
RQ8	MID ESSEX HOSPITAL SERVICES NHS TRUST	3654	1542	42.2	769	283	36.8	1668	551	33.0	395	240	60.8	822	468	56.9
RQW	THE PRINCESS ALEXANDRA HOSPITAL NHS TRUST	2262	1704	75.3	392	244	62.2	832	556	66.8	218	176	80.7	820	728	88.8
RRD	NORTH ESSEX PARTNERSHIP NHS FOUNDATION TRUST	1962	848	43.2	125	50	40.0	674	249	36.9	251	105	41.8	912	444	48.7
RWN	SOUTH ESSEX PARTNERSHIP UNIVERSITY NHS FOUNDATION TRUST	3784	1631	43.1	121	70	57.9	1482	624	42.1	584	303	51.9	1597	634	39.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
HERTFORDSHIRE AND THE SOUTH MIDLANDS AREA TEAM																
ATQ58	HERTFORDSHIRE AND THE SOUTH MIDLANDS AREA TEAM HEALTH CARE WORKERS	2883	1737	60.2	885	517	58.4	543	381	70.2	72	39	54.2	1383	800	57.8
RC1	BEDFORD HOSPITAL NHS TRUST	2402	1898	79.0	291	252	86.6	872	583	66.9	283	198	70.0	956	865	90.5
RC9	LUTON AND DUNSTABLE HOSPITAL NHS FOUNDATION TRUST	2884	2062	71.5	586	427	72.9	1252	808	64.5	461	313	67.9	585	514	87.9
RD8	MILTON KEYNES HOSPITAL NHS FOUNDATION TRUST	2812	2212	78.7	400	259	64.8	853	658	77.1	283	213	75.3	1276	1082	84.8
RNQ	KETTERING GENERAL HOSPITAL NHS FOUNDATION TRUST	3107	2414	77.7	497	377	75.9	1155	887	76.8	481	366	76.1	974	784	80.5
RNS	NORTHAMPTON GENERAL HOSPITAL NHS TRUST	3970	3146	79.2	534	406	76.0	1463	952	65.1	486	450	92.6	1487	1338	90.0

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			No.	%		No.	%		No.	%		No.	%		No.	%
RP1	NORTHAMPTONSHIRE HEALTHCARE NHS FOUNDATION TRUST	2409	1865	77.4	77	73	94.8	1216	801	65.9	337	324	96.1	779	667	85.6
RWG	WEST HERTFORDSHIRE HOSPITALS NHS TRUST	3665	1810	49.4	524	261	49.8	1308	656	50.2	455	219	48.1	1378	674	48.9
RWH	EAST AND NORTH HERTFORDSHIRE NHS TRUST	4582	2934	64.0	757	446	58.9	1707	897	52.5	555	235	42.3	1563	1356	86.8
RWR	HERTFORDSHIRE PARTNERSHIP NHS FOUNDATION TRUST	2596	1339	51.6	183	123	67.2	705	354	50.2	559	303	54.2	1149	559	48.7
RY4	HERTFORDSHIRE COMMUNITY NHS TRUST	2247	1701	75.7	41	31	75.6	951	651	68.5	614	555	90.4	641	464	72.4
LEICESTERSHIRE AND LINCOLNSHIRE AREA TEAM																
ATQ59	LEICESTERSHIRE AND LINCOLNSHIRE AREA TEAM HEALTH CARE WORKERS	5968	3323	55.7	1345	777	57.8	975	596	61.1	0	0	0	3648	1950	53.5

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			No.	%		No.	%		No.	%		No.	%		No.	%
RP7	LINCOLNSHIRE PARTNERSHIP NHS FOUNDATION TRUST	1267	479	37.8	93	41	44.1	490	102	20.8	226	123	54.4	458	213	46.5
RT5	LEICESTERSHIRE PARTNERSHIP NHS TRUST	3917	2435	62.2	210	159	75.7	1809	1056	58.4	728	472	64.8	1170	748	63.9
RWD	UNITED LINCOLNSHIRE HOSPITALS NHS TRUST	6044	4268	70.6	829	499	60.2	2213	1852	83.7	899	562	62.5	2103	1355	64.4
RWE	UNIVERSITY HOSPITALS OF LEICESTER NHS TRUST	9162	7030	76.7	1905	1367	71.8	3865	2565	66.4	1143	885	77.4	2249	2213	98.4
RY5	LINCOLNSHIRE COMMUNITY HEALTH SERVICES NHS TRUST	1861	688	37.0	16	9	56.3	965	349	36.2	202	134	66.3	678	196	28.9
SHROPSHIRE AND STAFFORDSHIRE AREA TEAM																
ATQ60	SHROPSHIRE AND STAFFORDSHIRE AREA TEAM HEALTH CARE WORKERS	655	369	56.3	210	106	50.5	134	82	61.2	13	8	61.5	298	173	58.1
R1D	SHROPSHIRE COMMUNITY HEALTH NHS TRUST	1143	827	72.4	33	24	72.7	644	452	70.2	237	135	57.0	229	216	94.3

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			No.	%		No.	%		No.	%		No.	%		No.	%
R1E	STAFFORDSHIRE AND STOKE ON TRENT PARTNERSHIP NHS TRUST	2646	1848	69.8	84	68	81.0	1195	692	57.9	539	486	90.2	828	602	72.7
RJE	UNIVERSITY HOSPITAL OF NORTH MIDLANDS NHS TRUST	8498	6899	81.2	1379	965	70.0	3206	2906	90.6	1292	868	67.2	2621	2160	82.4
RJF	BURTON HOSPITALS NHS FOUNDATION TRUST	1971	1317	66.8	296	130	43.9	910	559	61.4	190	145	76.3	575	483	84.0
RL1	THE ROBERT JONES AND AGNES HUNT ORTHOPAEDIC HOSPITAL NHS FOUNDATION TRUST	1064	516	48.5	119	51	42.9	322	150	46.6	193	87	45.1	430	228	53.0
RLY	NORTH STAFFORDSHIRE COMBINED HEALTHCARE NHS TRUST	1059	844	79.7	44	40	90.9	441	295	66.9	216	161	74.5	358	348	97.2
RRE	SOUTH STAFFORDSHIRE AND SHROPSHIRE HEALTHCARE NHS FOUNDATION TRUST	2300	1527	66.4	141	69	48.9	852	489	57.4	805	667	82.9	502	302	60.2

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			No.	%		No.	%		No.	%		No.	%		No.	%
RXW	SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	4622	3263	70.6	570	428	75.1	1589	908	57.1	689	481	69.8	1774	1446	81.5
BATH, GLOUCESTERSHIRE, SWINDON AND WILTSHIRE AREA TEAM																
ATQ64	BATH, GLOUCESTERSHIRE, SWINDON AND WILTSHIRE AREA TEAM HEALTH CARE WORKERS	3986	2176	54.6	720	456	63.3	1017	527	51.8	489	255	52.1	1760	938	53.3
R1J	THE GLOUCESTERSHIRE CARE SERVICES NATIONAL HEALTH SERVICE TRUST	2304	1295	56.2	42	38	90.5	932	464	49.8	461	263	57.0	869	530	61.0
RD1	ROYAL UNITED HOSPITAL BATH NHS TRUST	3791	2578	68.0	530	393	74.2	1453	970	66.8	707	479	67.8	1101	736	66.8
RN3	GREAT WESTERN HOSPITALS NHS FOUNDATION TRUST	4171	2487	59.6	627	438	69.9	1587	912	57.5	644	385	59.8	1313	752	57.3
RNZ	SALISBURY NHS FOUNDATION TRUST	2508	1481	59.1	390	228	58.5	890	469	52.7	307	226	73.6	921	558	60.6

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			No.	%		No.	%		No.	%		No.	%		No.	%
RTE	GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST	6136	3549	57.8	851	501	58.9	2293	1139	49.7	927	550	59.3	2065	1359	65.8
RTQ	2GETHER NHS FOUNDATION TRUST	1353	1045	77.2	98	72	73.5	525	333	63.4	290	200	69.0	440	440	100.0
RVN	AVON AND WILTSHIRE MENTAL HEALTH PARTNERSHIP NHS TRUST	2519	1674	66.5	143	143	100.0	979	546	55.8	589	185	31.4	808	800	99.0
BRISTOL, NORTH SOMERSET, SOMERSET AND SOUTH GLOUCESTERSHIRE AREA TEAM																
ATQ65	BRISTOL, NORTH SOMERSET, SOMERSET AND SOUTH GLOUCESTERSHIRE AREA TEAM HEALTH CARE WORKERS	4198	3026	72.1	772	502	65.0	1429	1198	83.8	552	335	60.7	1445	991	68.6
RA3	WESTON AREA HEALTH NHS TRUST	1550	825	53.2	224	140	62.5	503	309	61.4	201	115	57.2	622	261	42.0
RA4	YEOVIL DISTRICT HOSPITAL NHS FOUNDATION TRUST	1637	990	60.5	241	143	59.3	596	302	50.7	217	149	68.7	583	396	67.9

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			No.	%		No.	%		No.	%		No.	%		No.	%
RA7	UNIVERSITY HOSPITALS BRISTOL NHS FOUNDATION TRUST	6649	5172	77.8	1230	903	73.4	2687	1899	70.7	1211	849	70.1	1521	1521	100.0
RBA	TAUNTON AND SOMERSET NHS FOUNDATION TRUST	3165	1975	62.4	477	289	60.6	1264	723	57.2	406	262	64.5	1018	701	68.9
RH5	SOMERSET PARTNERSHIP NHS FOUNDATION TRUST	2803	1231	43.9	115	49	42.6	1192	440	36.9	585	273	46.7	911	469	51.5
RVJ	NORTH BRISTOL NHS TRUST	4461	2922	65.5	881	632	71.7	2117	1185	56.0	465	456	98.1	998	649	65.0
DEVON, CORNWALL AND ISLES OF SCILLY AREA TEAM																
ATQ66	DEVON, CORNWALL AND ISLES OF SCILLY AREA TEAM HEALTH CARE WORKERS	5470	2770	50.6	864	520	60.2	1522	774	50.9	676	321	47.5	2408	1155	48.0
RA9	TORBAY AND SOUTH DEVON NHS FOUNDATION TRUST	3704	2490	67.2	518	322	62.2	1267	673	53.1	543	347	63.9	1376	1148	83.4
RBZ	NORTHERN DEVON HEALTHCARE NHS TRUST	2198	1341	61.0	274	122	44.5	907	470	51.8	440	190	43.2	577	559	96.9

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			No.	%		No.	%		No.	%		No.	%		No.	%
REF	ROYAL CORNWALL HOSPITALS NHS TRUST	3671	2091	57.0	738	400	54.2	1459	736	50.4	612	334	54.6	862	621	72.0
RH8	ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	5619	4073	72.5	648	469	72.4	2125	1198	56.4	831	664	79.9	2015	1742	86.5
RJ8	CORNWALL PARTNERSHIP NHS FOUNDATION TRUST	2987	1123	37.6	96	37	38.5	1364	499	36.6	497	204	41.0	1030	383	37.2
RK9	PLYMOUTH HOSPITALS NHS TRUST	4519	2635	58.3	938	421	44.9	1927	923	47.9	541	367	67.8	1113	924	83.0
RWV	DEVON PARTNERSHIP NHS TRUST	1889	1201	63.6	129	103	79.8	671	317	47.2	400	304	76.0	689	477	69.2
RYF	SOUTH WESTERN AMBULANCE SERVICE NHS TRUST	3894	2025	52.00308	0	0	0.0	0	0	0.0	3894	2025	52.00308	0	0	0.0
KENT AND MEDWAY AREA TEAM																
ATQ67	KENT AND MEDWAY AREA TEAM HEALTH CARE WORKERS	5584	2762	49.5	1203	668	55.5	1107	576	52.0	301	146	48.5	2973	1372	46.1

Org Code	Org Name	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.	%
RN7	DARTFORD AND GRAVESHAM NHS TRUST	2625	1722	65.6	372	264	71.0	1105	600	54.3	319	189	59.2	829	669	80.7
RPA	MEDWAY NHS FOUNDATION TRUST	3207	2429	75.7	529	338	63.9	1170	819	70.0	315	305	96.8	1193	967	81.1
RVV	EAST KENT HOSPITALS UNIVERSITY NHS FOUNDATION TRUST	5616	2812	50.1	861	434	50.4	2219	890	40.1	1009	572	56.7	1527	916	60.0
RWF	MAIDSTONE AND TUNBRIDGE WELLS NHS TRUST	4441	3000	67.6	719	466	64.8	1672	1051	62.9	764	481	63.0	1286	1002	77.9
RXY	KENT AND MEDWAY NHS AND SOCIAL CARE PARTNERSHIP TRUST	2200	1284	58.4	170	82	48.2	833	279	33.5	413	213	51.6	784	710	90.6
RYD	SOUTH EAST COAST AMBULANCE SERVICE NHS TRUST	2653	1767	66.6	0	0	0.0	0	0	0.0	2653	1767	66.6	0	0	0.0
RYY	KENT COMMUNITY HEALTH NHS TRUST	3772	2006	53.2	54	35	64.8	1440	611	42.4	724	409	56.5	1554	951	61.2

Org Code	Org Name	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.	%
SURREY AND SUSSEX AREA TEAM																
ATQ68	SURREY AND SUSSEX AREA TEAM HEALTH CARE WORKERS	8743	4653	53.2	1878	1115	59.4	2060	1128	54.8	834	385	46.2	3971	2025	51.0
RA2	ROYAL SURREY COUNTY HOSPITAL NHS FOUNDATION TRUST	2606	1974	75.7	545	366	67.2	1019	667	65.5	527	493	93.5	515	448	87.0
RDR	SUSSEX COMMUNITY NHS TRUST	4195	2182	52.0	79	79	100.0	1477	749	50.7	928	412	44.4	1711	942	55.1
RDU	FRIMLEY HEALTH NHS FOUNDATION TRUST	9236	3577	38.7	1207	481	39.9	2821	1093	38.7	945	504	53.3	4263	1499	35.2
RPC	QUEEN VICTORIA HOSPITAL NHS FOUNDATION TRUST	988	509	51.5	149	55	36.9	215	101	47.0	141	74	52.5	483	279	57.8
RTK	ASHFORD AND ST PETER'S HOSPITALS NHS FOUNDATION TRUST	2562	1190	46.4	560	220	39.3	1090	433	39.7	383	201	52.5	529	336	63.5

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		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.	%
RTP	SURREY AND SUSSEX HEALTHCARE NHS TRUST	3267	2416	74.0	464	337	72.6	1061	827	77.9	403	311	77.2	1339	941	70.3
RX2	SUSSEX PARTNERSHIP NHS FOUNDATION TRUST	2555	1235	48.3	538	115	21.4	947	324	34.2	373	205	55.0	697	591	84.8
RXC	EAST SUSSEX HEALTHCARE NHS TRUST	4343	2308	53.1	577	226	39.2	2029	726	35.8	460	321	69.8	1277	1035	81.0
RXH	BRIGHTON AND SUSSEX UNIVERSITY HOSPITALS NHS TRUST	5142	3006	58.5	1093	574	52.5	2314	1061	45.9	567	407	71.8	1168	964	82.5
RXX	SURREY AND BORDERS PARTNERSHIP NHS FOUNDATION TRUST	1576	520	33.0	161	62	38.5	558	134	24.0	369	181	49.1	488	143	29.3
RYR	WESTERN SUSSEX HOSPITALS NHS TRUST	5033	3093	61.5	762	450	59.1	1887	1159	61.4	799	534	66.8	1585	950	59.9

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			No.	%		No.	%		No.	%		No.	%		No.	%
THAMES VALLEY AREA TEAM																
ATQ69	THAMES VALLEY AREA TEAM HEALTH CARE WORKERS	3442	2268	65.9	1156	761	65.8	677	503	74.3	63	43	68.3	1546	961	62.2
RHW	ROYAL BERKSHIRE NHS FOUNDATION TRUST	4714	2855	60.6	780	449	57.6	1811	1106	61.1	533	355	66.6	1590	945	59.4
RNU	OXFORD HEALTH NHS FOUNDATION TRUST	3455	1789	51.8	209	172	82.3	1285	662	51.5	965	431	44.7	996	524	52.6
RTH	OXFORD UNIVERSITY HOSPITALS NHS TRUST	10,066	6597	65.5	2393	1655	69.2	4294	2520	58.7	1588	1232	77.6	1791	1190	66.4
RWX	BERKSHIRE HEALTHCARE NHS FOUNDATION TRUST	2971	2264	76.2	183	161	88.0	1174	826	70.4	734	559	76.2	880	718	81.6
RXQ	BUCKINGHAMSHIRE HEALTHCARE NHS TRUST	4617	3174	68.7	630	415	65.9	1816	1141	62.8	642	485	75.5	1529	1133	74.1
RYE	SOUTH CENTRAL AMBULANCE SERVICE NHS TRUST	2484	1358	54.7	35	12	34.3	88	69	78.4	1270	614	48.3	1091	663	60.8

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		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 (WESSEX)																
ATQ70	WESSEX AREA TEAM HEALTH CARE WORKERS	6567	3997	60.9	2007	1254	62.5	1363	912	66.9	188	112	59.6	3009	1719	57.1
R1C	SOLENT NHS TRUST	2506	1330	53.1	173	80	46.2	878	451	51.4	657	393	59.8	798	406	50.9
R1F	ISLE OF WIGHT NHS TRUST	2149	1000	46.5	233	118	50.6	905	362	40.0	446	206	46.2	565	314	55.6
RBD	DORSET COUNTY HOSPITAL NHS FOUNDATION TRUST	1850	1108	59.9	320	193	60.3	718	410	57.1	264	171	64.8	548	334	60.9
RD3	POOLE HOSPITAL NHS FOUNDATION TRUST	3325	2688	80.8	470	356	75.7	1102	816	74.0	586	497	84.8	1167	1019	87.3
RDY	DORSET HEALTHCARE UNIVERSITY NHS FOUNDATION TRUST	4165	1431	34.4	147	52	35.4	1791	573	32.0	771	308	39.9	1456	498	34.2
RDZ	THE ROYAL BOURNEMOUTH AND CHRISTCHURCH HOSPITALS NHS FOUNDATION TRUST	3532	2503	70.9	461	351	76.1	1234	811	65.7	507	507	100.0	1330	834	62.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
RHM	UNIVERSITY HOSPITAL SOUTHAMPTON NHS FOUNDATION TRUST	9189	4919	53.5	1915	833	43.5	3635	1705	46.9	1358	672	49.5	2281	1709	74.9
RHU	PORTSMOUTH HOSPITALS NHS TRUST	7345	5065	69.0	975	709	72.7	2383	1613	67.7	826	595	72.0	3161	2148	68.0
RN5	HAMPSHIRE HOSPITALS NHS FOUNDATION TRUST	4991	4037	80.9	871	674	77.4	1711	1168	68.3	684	585	85.5	1725	1610	93.3
RW1	SOUTHERN HEALTH NHS FOUNDATION TRUST	5201	1772	34.1	281	97	34.5	1870	610	32.6	707	342	48.4	2343	723	30.9
NHS ENGLAND LONDON																
ATQ71	LONDON AREA TEAM HEALTH CARE WORKERS	7175	3628	50.6	2310	1222	52.9	1243	655	52.7	494	204	41.3	3128	1547	49.5
R1H	BARTS HEALTH NHS TRUST	8613	3253	37.8	2336	878	37.6	4645	1271	27.4	907	379	41.8	725	725	100.0
R1K	LONDON NORTH WEST HEALTHCARE NHS TRUST	8519	3682	43.2	1407	668	47.5	2993	1030	34.4	1239	583	47.1	2880	1401	48.6

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		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.	%
RAL	ROYAL FREE LONDON NHS FOUNDATION TRUST	7347	4463	60.7	1635	790	48.3	2897	1465	50.6	1141	681	59.7	1674	1527	91.2
RAN	ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	1032	625	60.6	203	101	49.8	403	241	59.8	264	178	67.4	162	105	64.8
RAP	NORTH MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	2275	1099	48.3	506	296	58.5	1108	324	29.2	178	174	97.8	483	305	63.1
RAS	THE HILLINGDON HOSPITALS NHS FOUNDATION TRUST	2206	1443	65.4	360	195	54.2	814	548	67.3	295	223	75.6	737	477	64.7
RAT	NORTH EAST LONDON NHS FOUNDATION TRUST	3532	1878	53.2	279	78	28.0	1435	563	39.2	1047	873	83.4	771	364	47.2
RAX	KINGSTON HOSPITAL NHS TRUST	2195	1465	66.7	498	248	49.8	936	633	67.6	297	163	54.9	464	421	90.7
RF4	BARKING, HAVERING AND REDBRIDGE UNIVERSITY HOSPITALS NHS TRUST	4708	2847	60.5	888	546	61.5	1992	982	49.3	349	338	96.8	1479	981	66.3

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		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.	%
RJ1	GUY'S AND ST THOMAS' NHS FOUNDATION TRUST	9214	7108	77.1	1874	1674	89.3	4261	3037	71.3	1426	1172	82.2	1653	1225	74.1
RJ2	LEWISHAM AND GREENWICH NHS TRUST	4489	3479	77.5	478	478	100.0	2205	1313	59.5	689	571	82.9	1117	1117	100.0
RJ6	CROYDON HEALTH SERVICES NHS TRUST	2668	2070	77.6	429	337	78.6	1088	841	77.3	378	286	75.7	773	606	78.4
RJ7	ST GEORGE'S HEALTHCARE NHS TRUST	6660	4845	72.7	1143	861	75.3	2788	1733	62.2	1123	903	80.4	1606	1348	83.9
RJZ	KING'S COLLEGE HOSPITAL NHS FOUNDATION TRUST	8175	4105	50.2	2084	950	45.6	3850	1552	40.3	858	683	79.6	1383	920	66.5
RKE	THE WHITTINGTON HOSPITAL NHS TRUST	2694	2149	79.8	472	439	93.0	1245	861	69.2	774	657	84.9	203	192	94.6
RKL	WEST LONDON MENTAL HEALTH NHS TRUST	3069	698	22.7	246	82	33.3	849	166	19.6	429	120	28.0	1545	330	21.4

Org Code	Org Name	All Frontline HCWs			All Doctors			Qualified Nurses (including GP Practice Nurses)			All other professionally qualified clinical staff			All Support Staff		
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			No.	%		No.	%		No.	%		No.	%		No.	%
RNK	TAVISTOCK AND PORTMAN NHS FOUNDATION TRUST	383	98	25.6	52	16	30.8	23	7	30.4	308	75	24.4	0	0	0.0
RP4	GREAT ORMOND STREET HOSPITAL FOR CHILDREN NHS FOUNDATION TRUST	3617	2238	61.9	606	487	80.4	1270	921	72.5	655	331	50.5	1086	499	45.9
RP6	MOORFIELDS EYE HOSPITAL NHS FOUNDATION TRUST	1017	770	75.7	308	239	77.6	308	213	69.2	234	165	70.5	167	153	91.6
RPG	OXLEAS NHS FOUNDATION TRUST	2693	823	30.6	159	70	44.0	1148	337	29.4	698	214	30.7	688	202	29.4
RPY	THE ROYAL MARSDEN NHS FOUNDATION TRUST	3280	1996	60.9	396	271	68.4	1243	647	52.1	577	390	67.6	1064	688	64.7
RQM	CHELSEA AND WESTMINSTER HOSPITAL NHS FOUNDATION TRUST	4319	3029	70.1	1030	789	76.6	1972	1161	58.9	464	370	79.7	853	709	83.1

Org Code	Org Name	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.	%
RQX	HOMERTON UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	4141	2137	51.6	771	561	72.8	1425	677	47.5	724	417	57.6	1221	482	39.5
RQY	SOUTH WEST LONDON AND ST GEORGE'S MENTAL HEALTH NHS TRUST	1521	1011	66.5	221	154	69.7	543	337	62.1	439	263	59.9	318	257	80.8
RRP	BARNET, ENFIELD AND HARINGEY MENTAL HEALTH NHS TRUST	2260	971	43.0	206	77	37.4	869	295	33.9	501	247	49.3	684	352	51.5
RRU	LONDON AMBULANCE SERVICE NHS TRUST	3282	2156	65.7	0	0	0.0	0	0	0.0	3282	2156	65.7	0	0	0.0
RRV	UNIVERSITY COLLEGE LONDON HOSPITALS NHS FOUNDATION TRUST	6880	4337	63.0	1599	1066	66.7	2447	1380	56.4	1075	765	71.2	1759	1126	64.0
RT3	ROYAL BROMPTON AND HAREFIELD NHS FOUNDATION TRUST	2860	1753	61.3	719	288	40.1	1239	638	51.5	280	280	100.0	622	547	87.9

Org Code	Org Name	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.	%
RV3	CENTRAL AND NORTH WEST LONDON NHS FOUNDATION TRUST	4040	1779	44.0	266	181	68.0	1560	569	36.5	1156	437	37.8	1058	592	56.0
RV5	SOUTH LONDON AND MAUDSLEY NHS FOUNDATION TRUST	4074	860	21.1	458	100	21.8	1344	255	19.0	966	219	22.7	1306	286	21.9
RVR	EPSOM AND ST HELIER UNIVERSITY HOSPITALS NHS TRUST	4682	3058	65.3	719	581	80.8	1647	969	58.8	472	329	69.7	1844	1179	63.9
RWK	EAST LONDON NHS FOUNDATION TRUST	4590	3036	66.1	412	338	82.0	1462	890	60.9	958	567	59.2	1758	1241	70.6
RY9	HOUNSLOW AND RICHMOND COMMUNITY HEALTHCARE NHS TRUST	829	433	52.2	13	9	69.2	315	169	53.7	264	123	46.6	237	132	55.7
RYJ	IMPERIAL COLLEGE HEALTHCARE NHS TRUST	8574	2661	31.0	2447	485	19.8	3483	570	16.4	1376	825	60.0	1268	781	61.6

Org Code	Org Name	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.	%
RYX	CENTRAL LONDON COMMUNITY HEALTHCARE NHS TRUST	2526	1078	42.7	74	24	32.4	1115	478	42.9	532	267	50.2	805	309	38.4
TAF	CAMDEN & ISLINGTON MENTAL HEALTH AND SOCIAL CARE TRUST (Trust based)	1376	506	36.8	122	66	54.1	417	119	28.5	355	161	45.4	482	160	33.2

Table 3: Seasonal influenza vaccine uptake in HCWs for all Trusts by Area Teams (ATs) in England for 2016 to 2017 compared with 2015 to 2016

Geographical Area	2016/17						2015/16					
	Response Summary			Vaccine Uptake (%)			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 2016	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 2015	Vaccine Uptake (%)
NORTH OF ENGLAND COMMISSIONING REGION	82	82	100.0	311,359	210,118	67.5	83	83	100.0	317,514	184,151	58.0
CHESHIRE, WARRINGTON AND WIRRAL AREA TEAM	10	10	100.0	26,426	19,079	72.2	10	10	100.0	28,015	18,749	66.9
DURHAM, DARLINGTON AND TEES AREA TEAM	5	5	100.0	26,830	16,785	62.6	5	5	100.0	26,481	14,693	55.5
GREATER MANCHESTER AREA TEAM	15	15	100.0	59,371	35,674	60.1	15	15	100.0	56,435	30,015	53.2
LANCASHIRE AREA TEAM	6	6	100.0	28,388	21,753	76.6	7	7	100.0	29,592	19,176	64.8
MERSEYSIDE AREA TEAM	11	11	100.0	26,327	20,158	76.6	11	11	100.0	26,165	18,606	71.1
CUMBRIA, NORTHUMBERLAND, TYNE AND WEAR AREA TEAM	10	10	100.0	42,551	28,045	65.9	10	10	100.0	41,484	23,427	56.5
NORTH YORKSHIRE AND HUMBER AREA TEAM	6	6	100.0	26,327	16,663	63.3	6	6	100.0	28,051	15,360	54.8
SOUTH YORKSHIRE AND BASSETLAW AREA TEAM	8	8	100.0	31,723	21,779	68.7	8	8	100.0	33,133	16,796	50.7
WEST YORKSHIRE AREA TEAM	11	11	100.0	43,416	30,182	69.5	11	11	100.0	48,158	27,329	56.7
MIDLANDS AND EAST OF ENGLAND COMMISSIONING REGION	81	81	100.0	278,761	184,626	66.2	81	81	100.0	279,814	144,853	51.8
ARDEN, HEREFORDSHIRE AND WORCESTERSHIRE AREA TEAM	8	8	100.0	26,884	19,793	73.6	8	8	100.0	25,736	13,920	54.1
BIRMINGHAM AND THE BLACK COUNTRY AREA TEAM	15	15	100.0	49,191	33,748	68.6	15	15	100.0	50,012	24,459	48.9
DERBYSHIRE AND NOTTINGHAMSHIRE AREA TEAM	9	9	100.0	39,605	25,051	63.3	9	9	100.0	41,675	21,689	52.0
EAST ANGLIA AREA TEAM	15	15	100.0	52,801	34,054	64.5	15	15	100.0	50,352	25,042	49.7
ESSEX AREA TEAM	8	8	100.0	24,546	13,229	53.9	8	8	100.0	24,708	11,059	44.8
HERTFORDSHIRE AND THE SOUTH MIDLANDS AREA TEAM	11	11	100.0	33,557	23,118	68.9	11	11	100.0	34,110	17,412	51.0
LEICESTERSHIRE AND LINCOLNSHIRE AREA TEAM	6	6	100.0	28,219	18,223	64.6	6	6	100.0	25,740	14,600	56.7
SHROPSHIRE AND STAFFORDSHIRE AREA TEAM	9	9	100.0	23,958	17,410	72.7	9	9	100.0	27,481	16,672	60.7
LONDON COMMISSIONING REGION	37	37	100.0	151,515	83,567	55.2	37	37	100.0	148,637	60,456	40.7
LONDON AREA TEAM	37	37	100.0	151,515	83,567	55.2	37	37	100.0	148,637	60,456	40.7
SOUTH OF ENGLAND COMMISSIONING REGION	62	62	100.0	248,095	146,775	59.2	62	62	100.0	251,012	115,370	46.0
BATH, GLOUCESTERSHIRE, SWINDON AND WILTSHIRE AREA TEAM	8	8	100.0	26,768	16,285	60.8	8	8	100.0	28,901	12,983	44.9
BRISTOL, NORTH SOMERSET, SOMERSET AND SOUTH GLOUCESTERSHIRE AREA TEAM	7	7	100.0	24,463	16,141	66.0	7	7	100.0	25,801	12,101	46.9
DEVON, CORNWALL AND ISLES OF SCILLY AREA TEAM	9	9	100.0	33,951	19,749	58.2	9	9	100.0	36,205	16,421	45.4
KENT AND MEDWAY AREA TEAM	8	8	100.0	30,098	17,782	59.1	8	8	100.0	29,592	13,967	47.2
SURREY AND SUSSEX AREA TEAM	12	12	100.0	50,246	26,663	53.1	12	12	100.0	48,409	20,439	42.2
THAMES VALLEY AREA TEAM	7	7	100.0	31,749	20,305	64.0	7	7	100.0	31,388	17,256	55.0
WESSEX AREA TEAM	11	11	100.0	50,820	29,850	58.7	11	11	100.0	50,716	22,203	43.8