



Public Health
England

Protecting and improving the nation's health

Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCWs) in England

Winter season 2014 to 2015

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Executive summary

This document describes and reports on the uptake of seasonal influenza vaccine among frontline healthcare workers (HCWs) during the 2014 to 2015 vaccination programme in England with a focus on the results from the final February survey (cumulative vaccinations administered up to end 28 February 2015).

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 267 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 2014 to 28 February 2015.

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, area teams (ATs), region and nationally. The 2014 to 2015 season saw 54.9% of all frontline HCWs (from all trusts) with direct patient care reported to have received the 2014 to 2015 seasonal influenza vaccine in England.

¹National influenza vaccination programme 2014 to 2015

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/316007/FluImmunisationLetter2014_accessible.pdf

Key findings

Survey response

A total of **267** out of **267** trusts (**100%**) returned data for the final survey on cumulative influenza vaccine administered from 1 September 2014 to 28 February 2015. The main results were as follows:

National vaccine uptake

- **54.9%** of all frontline HCWs (from all trusts) with direct patient care identified by trusts were reported to have received the 2014 to 2015 seasonal influenza vaccine in England (an increase in uptake compared with **54.8%** of all frontline HCWs administered with the seasonal influenza vaccine in 2013/14)

Regional and local vaccine uptake

- seasonal influenza vaccine uptake (from all trusts) aggregated by AT ranged from **42.0%** to **76.3%** with 1/25 ATs reporting uptake of 75% or greater
- the highest seasonal influenza vaccine uptake by trust was **90.1%**, with **13.1%** of all trusts (35/267) achieving vaccine uptake rates of 75% or more
- seasonal influenza vaccine uptake (from GP practices and ISHCPs) aggregated by AT ranged from **39.4%** to **72.1%** with 0/24 ATs reporting uptake of 75% or greater

Vaccine uptake by staff group

- seasonal influenza vaccine uptake by different staff groupings is set out in [Table 1](#).
- the highest seasonal influenza vaccine uptake by staff group was achieved among GP practice nurses across England with an uptake rate of **64.4%** followed by GPs with an uptake of **62.8%**. The lowest uptake was **48.8%** in qualified nurses (excluding GP practice nurses).

Table 1: Seasonal Influenza vaccine uptake in HCWs by Staff Group, for England 2014 to 2015

HCWs staff group (direct patient care)	Seasonal influenza doses administered in 2014 to 2015		
	Number of HCWs with direct patient care	Number vaccinated	Vaccine uptake (%)
All doctors (excluding GPs)	109,718	59,405	54.1
GPs only	27,315	17,152	62.8
Qualified nurses (excluding GP practice nurses)	350,683	171,261	48.8
Qualified nurses (GP practice nurses only)	18,281	11,777	64.4
All other professionally qualified clinical staff	162,976	90,087	55.3
Support to clinical staff	285,570	172,801	60.5
Support to GP staff	32,767	19,274	58.8
All HCWs with direct patient care	987,310	541,757	54.9

Aims and objectives

Background

Frontline HCWs involved in direct patient care are encouraged to receive seasonal influenza vaccination annually to protect themselves and their patients from influenza². To assess the uptake of influenza vaccines for the 2014 to 2015 winter season among HCWs, a seasonal influenza vaccine uptake survey of all 267 NHS trusts (acute, ambulance, mental health, primary care, Area 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 NHS and DH to track the progress of the programme during the 2014 to 2015 influenza season.

The aims and objectives of the 2014 to 2015 of 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

Methods

The seasonal influenza vaccine uptake collection included all NHS trusts³, with data collected using the ImmForm website. Cumulative data were collected in five monthly surveys for vaccinations administered between 1 September 2014 and 28 February 2015 (inclusive). Vaccine uptake data were collected on frontline HCWs with direct patient care. 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

²National influenza vaccination programme 2014 to 2015

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/316007/FluImmunisationLetter2014_accessible.pdf

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

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 open 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 2014 to 2015 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 allowing nine working days to submit further data on behalf of trusts, amend data if necessary, and validate data. ATs also had responsibility to follow up with non-responding trusts, GP practices and ISHCPs to obtain and 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 ATs and have not been altered except by specific request from nominated representatives of the trust (see [Appendix C](#)).

Survey form

Data was collected in a seasonal influenza vaccine uptake survey form ([Appendix D](#)) via the ImmForm website. On the form, trusts were required to provide information on the trust type, trust status, and survey coverage. The form automatically calculated percentage vaccine uptake rates, and performed data validation checks to ensure only logically correct data could be submitted.

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:

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

Results

A total of 267 out of 267 trusts (100% response rate) submitted data on seasonal influenza vaccinations administered up to 28 February 2015 compared with a response rate of 99.3% (269/271) in 2013 to 2014. A summary of the main results at national, regional, and local level are outlined below.

National vaccine uptake rates

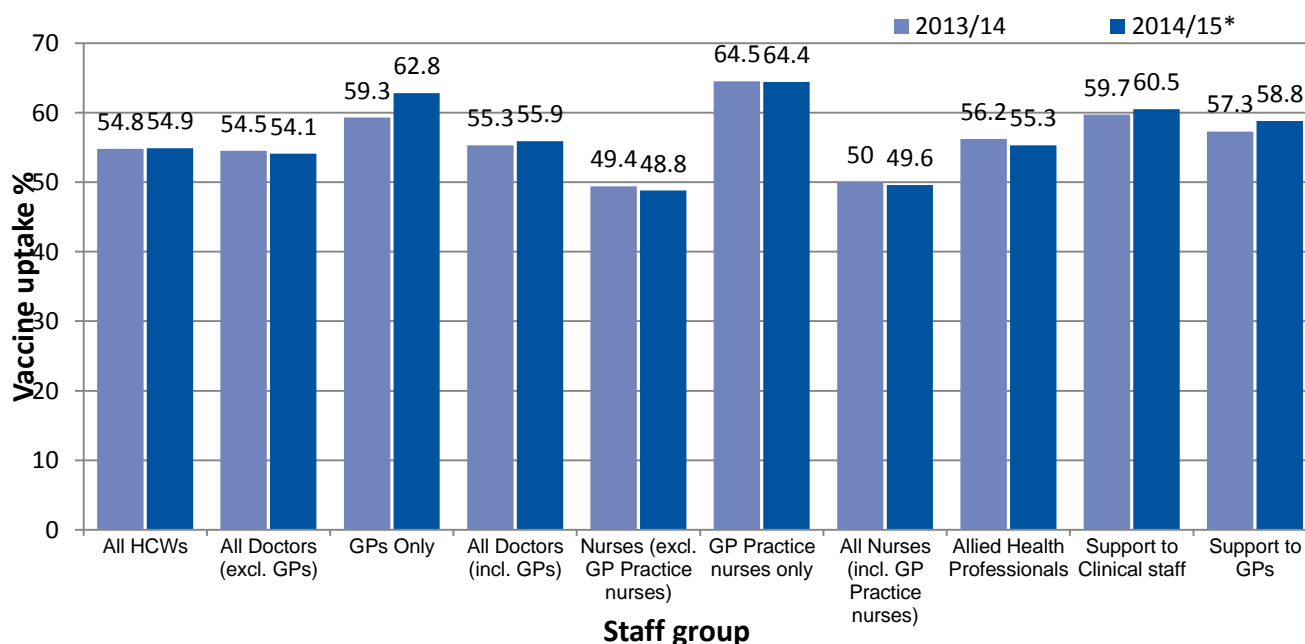
Overall, 54.9% (541,757/987,310) of frontline HCWs received the seasonal influenza vaccine during the 2014 to 2015 season, compared with 54.8% in 2013 to 2014, 45.6% in 2012 to 2013, and 44.6% during the 2011 to 2012 season⁴. Appendix E ([Table 3](#)) shows national (England) seasonal influenza vaccine uptake figures for the 2014 to 2015 season broken down by each AT and trust.

National vaccine uptake rates by staff group

The highest seasonal influenza vaccine uptake by staff group was amongst GP practice nurses (64.4%) and the lowest uptake was among qualified nurses (excluding GP practice nurses) (48.8%) (Figure 1). Uptake by all staff groups increased significantly during the first months of vaccination and began to level off from December onwards (Figure 2).

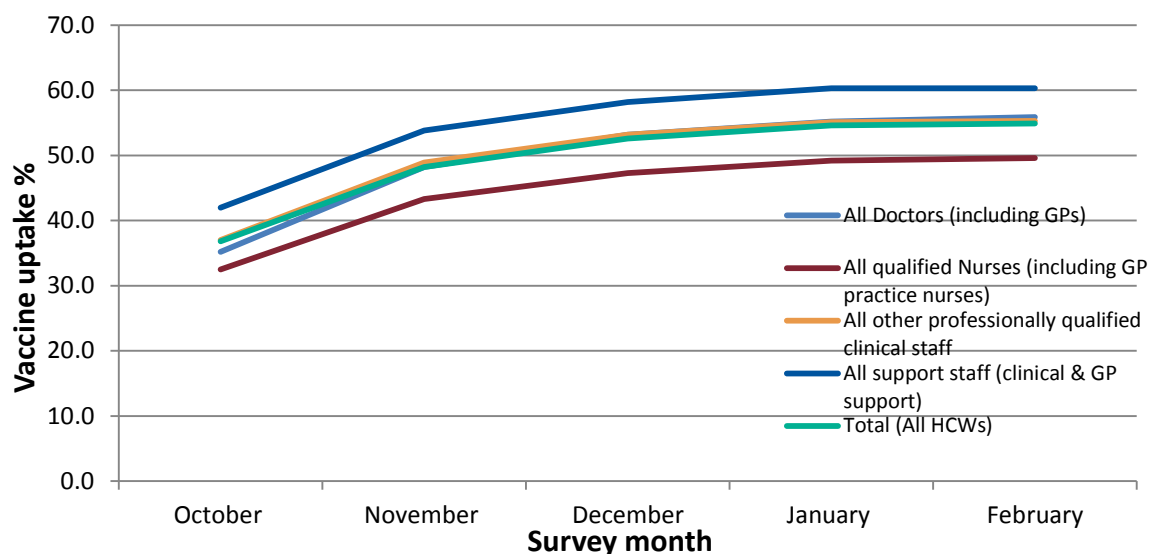
Figure 1: Seasonal influenza vaccine uptake in healthcare workers (HCWs) by staff groupings in England for 2014 to 2015 compared with 2013 to 2014

*2014/15 covered vaccines delivered between 1 September 2014 and 28 February 2015. Previous seasons have only collected data on vaccines up to the 31 January.



⁴ Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCW's) in England, 2012 to 2014 figures available at www.gov.uk/government/collections/vaccine-uptake

Figure 2: Seasonal influenza vaccine uptake in healthcare workers (HCWs) by staff group and month for England 2014 to 2015

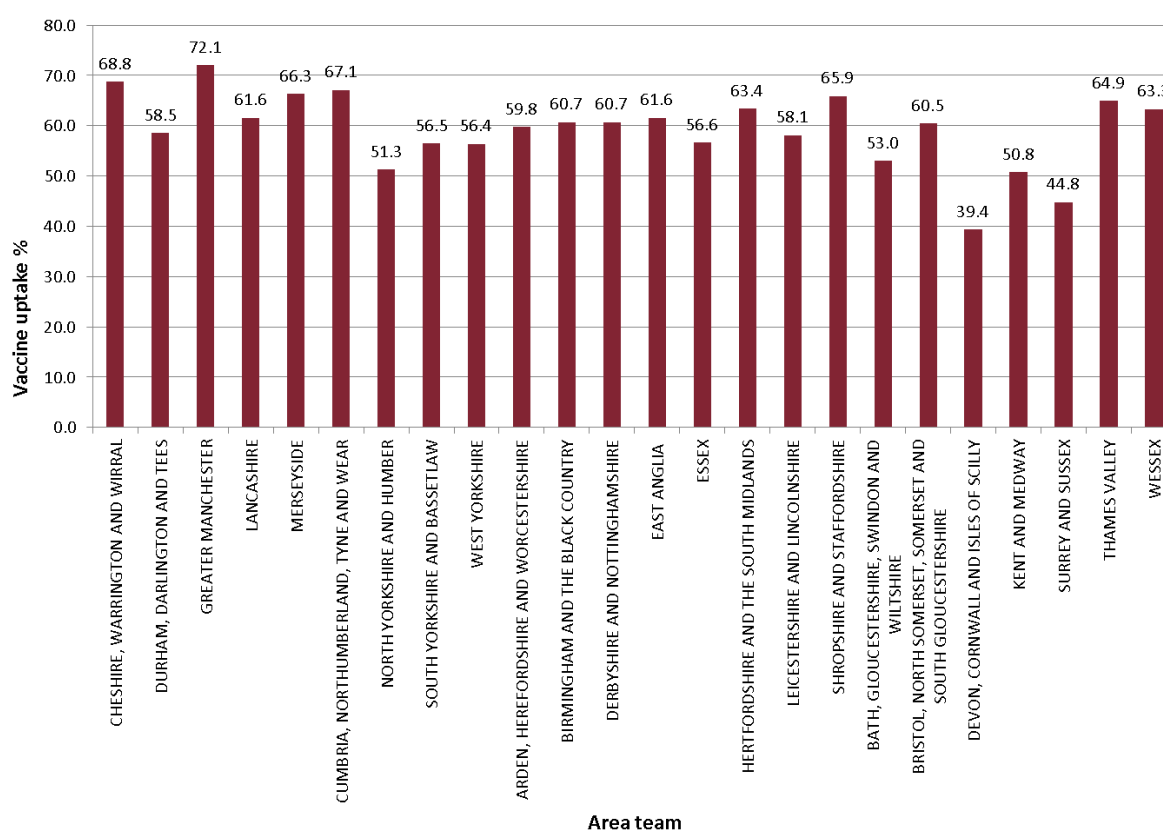


Vaccine uptake rates by Area Team

Seasonal influenza vaccine uptake (from all trusts) aggregated by AT ranged from 42.0% to 76.3% with 1/25 ATs reporting uptake of 75% or greater. (Appendix E, [Table 4](#))

Seasonal influenza vaccine uptake (from GP Practices and ISHCPs) aggregated by AT ranged from 39.4% to 72.1% with 0/24 ATs reporting uptake of 75% or greater.

Figure 3: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in primary care and ISHCP in England by AT 2014 to 2015



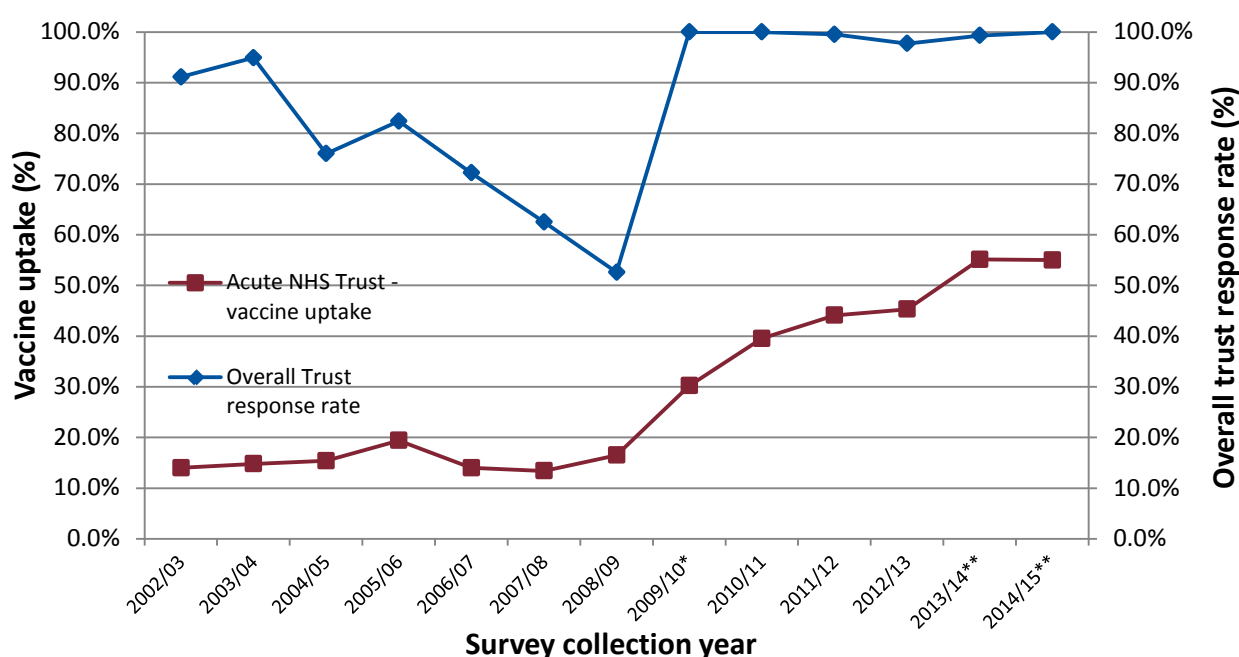
Vaccine uptake rates by trust

The median seasonal influenza vaccine uptake was 54.7%, with an interquartile range (IQR) of 43.9% to 65.1%. The highest seasonal influenza vaccine uptake reported by a trust was 90.1%, with 13.1% of all trusts (35/267) achieving vaccine uptake rates of 75% or more.

Vaccine uptake rates by trust type

Seasonal influenza vaccine uptake by trust type ranged from 44.7% for HCWs in ambulance trusts compared to 56.7% in primary care/ISHCP ([Table 2](#)). The uptake by trust type compared with rates achieved in previous seasons (up to 2011 to 2012) shows that for the majority of trusts, uptake increased. Uptake by acute trusts only (acute trusts, mental health trusts, care trusts, other NHS trusts) has increased with increasing response rates compared to previous survey years, but remains consistent with the uptake of 55.1% achieved in 2013 to 2014 (Figure 4).

Figure 4: Seasonal influenza vaccine uptake and response rate for acute trusts for season 2014 to 2015 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)

Table 2: Seasonal influenza vaccine uptake in frontline HCWs by trust type, for England 2014 to 2015 compared to previous seasons up to 2011 to 2012.

Trust Type	Seasonal Influenza Vaccinations in healthcare Workers with direct patient care (HCWs) All Trusts comparison for season 2011/12 to 2014/15											
	2011/12 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/11 to 31/01/12)			2012/13 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/12 to 31/01/13)			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)		
	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 ¹	837,868	373,540	44.6%	841,105	380,898	45.3%	851,826	469,766	55.1%	853,762	469,738	55.0%
Ambulance NHS Trust	30,405	8,940	29.4%	31,378	10,721	34.2%	28,787	12,072	41.9%	30,530	13,651	44.7%
Primary Care Trust	155,406	74,062	47.7%	151,280	74,982	49.6%	–	–	–	–	–	–
Area Team ²	–	–	–	–	–	–	94,019	52,252	55.6%	103,018	58,368	56.7%
Total Number of HCWs	1,023,679	456,542	44.6%	1,023,763	466,601	45.6%	974,632	534,090	54.8%	987,310	541,757	54.9%

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 and conclusions

The 2014 to 2015 influenza season recorded a seasonal influenza vaccine uptake of 54.9% amongst HCWs in England, consistent with an uptake of 54.8% achieved in 2013 to 2014. Coverage in the most recent two seasons remains well above the 44.6% (2011 to 2012) and 45.6% (2012 to 2013) uptake levels reported in the previous two seasons. Despite this, just under half (45.1%) of HCWs in direct contact with patients (approximately 445,553), did not receive the influenza vaccine this season.

Vaccine uptake by NHS trust shows a wide variation, with a small 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 recently been undertaken to identify what strategies NHS trusts employ and which might increase uptake⁵.

The 2014 to 2015 survey saw a number of challenges in collecting data for the seasonal influenza survey for frontline healthcare workers due to issues related to the availability of staff members to extract and report uptake figures to ImmForm, difficulty contacting ATs and data providers due to outdated contact details, and misperceptions regarding the mandate requiring all trusts to submit data (with the exception of foundation trusts). Feedback from previous seasons has indicated that vaccinations continue to the end of February. In order to best represent the number of vaccinations administered to staff on the ground, the 2014 to 2015 survey included an additional collection month covering vaccinations given from the 1 September 2014 to the 28 February 2015 instead of the usual 31 January cut-off period. An additional 11,658 vaccinations were reported between the 31 January and 28 February 2015.

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](#)). Recent feedback suggests there is a need to revisit and clarify what defines a frontline HCW with respect to social care workers, social workers, health and social care workers and how they are included in the collection. Additional guidelines and a collection tool user guide will be developed for the 2015 to 2016 season to ensure effective participation, reporting and submission of data for future seasonal influenza surveys for healthcare workers.

Continuing to increase seasonal influenza vaccine uptake amongst HCWs remains important to lower the risk of influenza infection amongst HCWs themselves (who may be

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.

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^{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

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.

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

⁸ Potter 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

⁹ Carman 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.

¹⁰ Hayward 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 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 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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- Angela Edwards, seasonal flu lead, PHE
- Odette Eugenio and Jess Colbert 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
	Professionally qualified clinical staff - consisting of all professional staff with direct patient care.
All doctors	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).
Qualified nurses	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 and bank nurses.
All other professionally qualified clinical staff This comprises: <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 	Qualified scientific, therapeutic and technical staff (ST&T) – qualified health professionals (includes consultant therapists, ST&T managers and healthcare scientists). These staff work alongside doctors, nurses and other health professionals and are categorised into the following two groups: Qualified AHPs – qualified allied health professionals (AHPs) are the following staff: <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
	<p>supporting ST&T staff.</p> <p>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.</p>
<p>N/A – not relevant to this data collection as these groups not involved in direct patient care</p>	<p>NHS infrastructure support – Staff directly involved in the day-to-day running of the organisation and its infrastructure</p> <p>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.</p> <p>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.</p> <p>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.</p>
<p>Support to GP staff</p>	<p>Support to GP staff – Staff working in direct support of GPs</p> <p>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.</p>

Appendix B Monthly data collection schedule for 2014 to 2015

The table below provides monthly data collection dates for trusts and Area Teams for the 2014 to 2015 programme.

Survey month	October 2014	November 2014	December 2014	January 2015	February 2015
Data should be provided on vaccinations given between the following dates (inclusive)	1 September to 31 October 2014	1 September to 30 November 2014	1 September to 31 December 2014	1 September 2014 to 31 January 2015	1 September 2014 to 28 February 2015
Trusts	3 November to 11 November 2014 (7 working days)	1 December to 9 December 2014 (7 working days)	2 January to 14 January 2015 (9 working days)	2 February to 10 February 2015 (7 working days)	2 March 2015 to 10 March 2015 (7 working days)
Area teams	3 November to 13 November 2014 (9 working days)	1 December to 11 December 2014 (9 working days)	2 January to 16 January 2015 (11 working days)	2 February to 12 February 2015 (9 working days)	2 March 2015 to 12 March 2015 (9 working days)

Appendix C Data quality

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 four 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, 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 through two processes.

Data validation checks were performed by comparing previous seasonal influenza vaccine uptake data with that from the 2013 to 2014 survey and through communication with trusts individually. A consistency check was performed by comparing the data collected for this report with data from the previous collection. However, it should be noted that the 2014 to 2015 collection included an additional survey month in February; therefore figures were compared to the previous year's January collection. To reduce multiple counting and determine true uptake rate, some trusts were also asked to revisit and sign off their data once the campaign had closed.

All data were supplied by the trusts nominated influenza coordinator or HCW vaccination data providers. The data were not changed or amended by the Public Health England unless requested by the trust's nominated data provider.

Appendix D Seasonal influenza vaccine uptake survey form for 2014 to 2015

Section 1

1. What Type of NHS Organisation are you (please select)	
Acute NHS Trust	
Ambulance NHS Trust	
Care Trust (NHS Trust based)	
Mental Health NHS Trust	
Other NHS Trust	
Area Team Health Care Workers	
2. Foundation Trust Status (please select)	
Foundation Trust?	
Non-Foundation Trust?	
3. For Trusts with Hospitals Only	
How many hospitals are there in this trust?	
Of the hospitals in the trust, how many provided data?	
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 Number of HCWs (calculated by system)	Sum of above

Section 2

5. Number of Health Care Workers and Number Vaccinated by Occupation			
	(A) Number of HCWs involved in direct patient care on day of data extraction	(B) Number in (A) vaccinated since 1st Sept 2013	(C) % in (A) vaccinated since 1st Sept 2013
Occupation			
All Doctors (excluding GPs)			Col B / Col A *100
GPs only			
Qualified Nurses, midwives and health visitors (excluding GP Practice Nurses)			Col B / Col A *100
Qualified Nurses, midwives and health visitors (GP Practice Nurses only)			Col B / Col A *100
All other professionally qualified clinical staff, which comprises of:-			
• Qualified scientific, therapeutic & technical staff (ST&T),			
• Qualified allied health professionals (AHPs)			
• Other qualified ST&T			
• Qualified ambulance staff			Col B / Col A *100
Support to Clinical Staff, which comprises of:-			
• Support to doctors (excluding GPs) & nurses			
• Support to ST&T staff			
• Support to ambulance staff			Col B / Col A *100
Support to GP staff			Col B / Col A *100
Total (calculated by system)	Sum of above*	Sum of above	Col B / Col A *100

Appendix E Vaccine uptake data

Table 3: Seasonal influenza national vaccine uptake data by AT and trust, England 2014 to 2015

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 2015.

Org Code	Organisation name	All HCWs involved in direct patient care			All doctors (including GPs)			All 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																
ATQ44	Cheshire, Warrington And Wirral area team health care workers	3,554	2,446	68.8	1,037	734	70.8	617	490	79.4	33	27	81.8	1,867	1,195	64.0
RWW	Warrington and Halton Hospitals NHS Foundation Trust	2,544	1,996	78.5	299	296	99.0	1,103	652	59.1	541	447	82.6	601	601	100.0
RJR	Countess of Chester Hospital NHS Foundation Trust	3,711	2,895	78.0	309	297	96.1	1,038	700	67.4	430	385	89.5	1,934	1,513	78.2
RBL	Wirral University Teaching Hospital NHS Foundation Trust	4,670	3,567	76.4	457	451	98.7	1,608	1,125	70.0	620	493	79.5	1,985	1,498	75.5
RBT	Mid Cheshire Hospitals NHS Foundation Trust	3,087	2,350	76.1	312	225	72.1	1,130	884	78.2	320	270	84.4	1,325	971	73.3
RY7	Wirral Community NHS Trust	1,032	739	71.6	32	27	84.4	516	369	71.5	184	140	76.1	300	203	67.7
REN	The Clatterbridge Cancer Centre NHS Foundation Trust	690	398	57.7	88	36	40.9	170	101	59.4	197	137	69.5	235	124	52.8
RJN	East Cheshire NHS Trust	3,144	1,599	50.9	231	116	50.2	1,170	596	50.9	594	323	54.4	1,149	564	49.1
RTV	5 Boroughs Partnership NHS Foundation Trust	2,929	1,302	44.5	98	82	83.7	1,043	443	42.5	540	235	43.5	1,248	542	43.4

Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCWs) in England

Org Code	Organisation name	All HCWs involved in direct patient care			All doctors (including GPs)			All 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.	%
RXA	Cheshire and Wirral Partnership NHS Foundation Trust	3,516	1,219	34.7	124	44	35.5	1,328	515	38.8	381	130	34.1	1,683	530	31.5
Durham, Darlington and Tees																
ATQ45	Durham, Darlington and Tees Area Team Health Care Workers	2,092	1,223	58.5	718	432	60.2	561	348	62.0	48	28	58.3	765	415	54.2
RXP	County Durham and Darlington NHS Foundation Trust	7,532	5,769	76.6	601	600	99.8	2,662	1,704	64.0	799	551	69.0	3,470	2,914	84.0
RTR	South Tees Hospitals NHS Foundation Trust	7,785	5,880	75.5	713	699	98.0	2,849	1,931	67.8	1,060	761	71.8	3,163	2,489	78.7
RVW	North Tees and Hartlepool NHS Foundation Trust	4,456	2,474	55.5	491	289	58.9	1,628	865	53.1	670	416	62.1	1,667	904	54.2
RX3	Tees, Esk and Wear VALLEYS NHS Foundation Trust	4,400	1,853	42.1	280	164	58.6	1,849	724	39.2	604	256	42.4	1,667	709	42.5
ATQ46	Greater Manchester Area Team Health Care Workers	2,877	2,074	72.1	1,331	943	70.9	623	473	75.9	113	91	80.5	810	567	70.0
RX7	North West Ambulance Service NHS Trust	3,432	1,927	56.2	0	0	0.0	0	0	0.0	1,030	666	64.7	2,402	1,261	52.5
RBV	The Christie NHS Foundation Trust	1,399	1,203	86.0	166	144	86.8	526	459	87.3	272	231	84.9	435	369	84.8
RMP	Tameside Hospital NHS Foundation Trust	2,024	1,562	77.2	236	218	92.4	856	585	68.3	227	128	56.4	705	631	89.5
RW3	Central Manchester University Hospitals NHS Foundation Trust	6,794	5,110	75.2	562	396	70.5	2,527	1,799	71.2	1,133	976	86.1	2,572	1,939	75.4
RWJ	Stockport NHS Foundation Trust	3,867	2,615	67.6	312	235	75.3	1,747	1,043	59.7	625	481	77.0	1,183	856	72.4
RRF	Wrightington, Wigan and Leigh NHS Foundation Trust	2,339	1,577	67.4	380	206	54.2	1,216	658	54.1	220	198	90.0	523	515	98.5
RM2	University Hospital Of South Manchester NHS Foundation Trust	4,912	3,206	65.3	556	372	66.9	2,181	1,131	51.9	810	539	66.5	1,365	1,164	85.3
RM3	Salford Royal NHS Foundation Trust	4,714	2,813	59.7	585	338	57.8	2,064	855	41.4	893	655	73.4	1,172	965	82.3
TAE	Manchester Mental Health and Social Care Trust	1,376	818	59.5	132	79	59.9	521	322	61.8	239	140	58.6	484	277	57.2
RW6	Pennine Acute Hospitals NHS Trust	8,926	4,777	53.5	756	512	67.7	2,928	1,375	47.0	2,537	656	25.9	2,705	2,234	82.6

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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.	%
RY2	Bridgewater Community Healthcare NHS Trust	2,347	1,240	52.8	96	33	34.4	1,091	563	51.6	343	203	59.2	817	441	54.0
RT2	Pennine Care NHS Foundation Trust	4,459	2,269	50.9	206	131	63.6	2,155	1,073	49.8	1,034	595	57.5	1,064	470	44.2
RMC	Bolton NHS Foundation Trust	4,455	2,056	46.2	668	260	38.9	1,795	820	45.7	574	284	49.5	1,418	692	48.8
RXV	Greater Manchester West Mental Health NHS Foundation Trust	2,555	1,107	43.3	163	86	52.8	769	342	44.5	598	255	42.6	1,025	424	41.4
Lancashire																
ATQ47	Lancashire Area Team Health Care Workers	2,926	1,803	61.6	756	478	63.2	484	354	73.1	91	46	50.6	1,595	925	58.0
RXR	East Lancashire Hospitals NHS Trust	6,950	5,573	80.2	557	471	84.6	2,448	1,727	70.6	2,226	1,755	78.8	1,719	1,620	94.2
RXL	Blackpool Teaching Hospitals NHS Foundation Trust	4,756	3,637	76.5	374	349	93.3	2,254	1,617	71.7	888	799	90.0	1,240	872	70.3
RJX	Calderstones Partnership NHS Foundation Trust	813	430	52.9	16	16	100.0	220	124	56.4	60	33	55.0	517	257	49.7
RXN	Lancashire Teaching Hospitals NHS Foundation Trust	6,008	2,452	40.8	656	246	37.5	2,732	1,017	37.2	738	364	49.3	1,882	825	43.8
RW5	Lancashire Care NHS Foundation Trust	5,022	1,785	35.5	175	84	48.0	2,541	719	28.3	1,009	532	52.7	1,297	450	34.7
Merseyside																
ATQ48	Merseyside Area Team Health Care Workers	2,192	1,453	66.3	838	546	65.2	408	305	74.8	16	15	93.8	930	587	63.1
RBN	St Helens and Knowsley Hospitals NHS Trust	3,431	2,864	83.5	353	299	84.7	1,209	941	77.8	389	383	98.5	1,480	1,241	83.9
RVY	Southport and Ormskirk Hospital NHS Trust	2,337	1,903	81.4	230	207	90.0	1,099	698	63.5	276	274	99.3	732	724	98.9
RBS	Alder Hey Children's NHS Foundation Trust	1,690	1,358	80.4	200	155	77.5	930	770	82.8	293	232	79.2	267	201	75.3
REP	Liverpool Women's NHS Foundation Trust	979	758	77.4	73	62	84.9	605	455	75.2	80	61	76.3	221	180	81.4
REM	Aintree University Hospital NHS Foundation Trust	3,708	2,850	76.9	394	371	94.2	1,182	793	67.1	623	369	59.2	1,509	1,317	87.3
RET	The Walton Centre NHS Foundation Trust	973	743	76.4	157	105	66.9	399	264	66.2	168	125	74.4	249	249	100.0

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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.	%
RQ6	Royal Liverpool And Broadgreen University Hospitals NHS Trust	4,190	3,198	76.3	610	382	62.6	1,680	1,169	69.6	1,100	947	86.1	800	700	87.5
RBQ	Liverpool Heart and Chest NHS Foundation Trust	1,179	885	75.1	98	95	96.9	504	305	60.5	213	121	56.8	364	364	100.0
RW4	Mersey Care NHS Trust	2,432	1,807	74.3	98	68	69.4	917	667	72.7	227	158	69.6	1,190	914	76.8
RY1	Liverpool Community Health NHS Trust	2,008	1,347	67.1	53	34	64.2	1,175	814	69.3	305	185	60.7	475	314	66.1
Cumbria, Northumberland, Tyne and Wear																
ATQ49	Cumbria, Northumberland, Tyne and Wear Area Team Health Care Workers	1,490	999	67.1	548	355	64.8	314	223	71.0	9	7	77.8	619	414	66.9
RX6	North East Ambulance Service NHS Foundation Trust	2,080	720	34.6	1	1	100.0	4	2	50.0	475	173	36.4	1,600	544	34.0
RTX	University Hospitals Of Morecambe Bay NHS Foundation Trust	3,221	2,260	70.2	378	266	70.4	1,495	926	61.9	466	328	70.4	882	740	83.9
RTD	The Newcastle Upon Tyne Hospitals NHS Foundation Trust	7,886	5,117	64.9	1,118	807	72.2	4,376	2,413	55.1	1,059	887	83.8	1,333	1,010	75.8
RE9	South Tyneside NHS Foundation Trust	3,882	2,424	62.4	214	116	54.2	1,788	991	55.4	424	225	53.1	1,456	1,092	75.0
RX4	Northumberland, Tyne and Wear NHS Foundation Trust	4,472	2,790	62.4	308	188	61.0	1,731	1,188	68.6	556	333	59.9	1,877	1,081	57.6
RTF	Northumbria Healthcare NHS Foundation Trust	6,255	3,586	57.3	587	391	66.6	2,727	1,205	44.2	731	504	69.0	2,210	1,486	67.2
RR7	Gateshead Health NHS Foundation Trust	3,303	1,890	57.2	399	226	56.6	1,010	625	61.9	499	300	60.1	1,395	739	53.0
RNL	North Cumbria University Hospitals NHS Trust	3,855	2,158	56.0	433	295	68.1	1,482	864	58.3	450	289	64.2	1,490	710	47.7
RLN	City Hospitals Sunderland NHS Foundation Trust	4,170	2,325	55.8	418	222	53.1	1,633	755	46.2	602	276	45.9	1,517	1,072	70.7
RNN	Cumbria Partnership NHS Foundation Trust	2,765	1,361	49.2	109	48	44.0	1,250	594	47.5	539	303	56.2	867	416	48.0

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			No.	%		No.	%		No.	%		No.	%		No.	%
North Yorkshire and Humber																
ATQ50	North Yorkshire and Humber Area Team Health Care Workers	5,670	2,907	51.3	1,305	699	53.6	792	454	57.3	94	29	30.9	3,479	1,725	49.6
RWA	Hull and East Yorkshire Hospitals NHS Trust	6,755	5,118	75.8	1,120	606	54.1	2,605	1,919	73.7	1,430	1,007	70.4	1,600	1,586	99.1
RJL	Northern Lincolnshire and Goole Hospitals NHS Foundation Trust	4,144	2,701	65.2	512	389	76.0	1,670	983	58.9	517	403	78.0	1,445	926	64.1
RCD	Harrogate and District NHS Foundation Trust	2,489	1,451	58.3	303	175	57.8	1,029	601	58.4	471	288	61.2	686	387	56.4
RCB	York Teaching Hospital NHS Foundation Trust	6,723	3,666	54.5	720	381	52.9	2,322	1,139	49.1	1,002	633	63.2	2,679	1,513	56.5
RV9	Humber NHS Foundation Trust	2,107	852	40.4	71	13	18.3	1,047	355	33.9	367	164	44.7	622	320	51.4
South Yorkshire and Bassetlaw																
ATQ51	South Yorkshire and Bassetlaw Area Team Health Care Workers	4,669	2,637	56.5	1,168	673	57.6	677	414	61.2	55	25	45.5	2,769	1,525	55.1
RP5	Doncaster and Bassetlaw Hospitals NHS Foundation Trust	4,090	3,374	82.5	502	461	91.8	1,812	1,290	71.2	421	400	95.0	1,355	1,223	90.3
RFR	The Rotherham NHS Foundation Trust	3,096	2,344	75.7	357	304	85.2	1,323	846	64.0	558	382	68.5	858	812	94.6
RFF	Barnsley Hospital NHS Foundation Trust	2,089	1,502	71.9	225	224	99.6	913	524	57.4	275	176	64.0	676	578	85.5
RHQ	Sheffield Teaching Hospitals NHS Foundation Trust	9,593	5,934	61.9	1,333	1,129	84.7	4,093	2,673	65.3	1,944	838	43.1	2,223	1,294	58.2
RXE	Rotherham, Doncaster and South Humber NHS Foundation Trust	2,772	1,697	61.2	79	47	59.5	1,254	565	45.1	374	177	47.3	1,065	908	85.3

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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.	%
RCU	Sheffield Children's NHS Foundation Trust	2,051	1,192	58.1	268	184	68.7	826	470	56.9	348	208	59.8	609	330	54.2
TAH	Sheffield Health and Social Care NHS Foundation Trust	2,060	1,044	50.7	173	60	34.7	564	170	30.1	338	168	49.7	985	646	65.6
West Yorkshire																
ATQ52	West Yorkshire Area Team Health Care Workers	5,530	3,118	56.4	1,824	970	53.2	1,638	856	52.3	329	89	27.1	1,739	1,203	69.2
RX8	Yorkshire Ambulance Service NHS Trust	3,060	1,451	47.4	0	0	0.0	63	45	71.4	1,496	684	45.7	1,501	722	48.1
RR8	Leeds Teaching Hospitals NHS Trust	11,768	8,994	76.4	2,076	1,185	57.1	3,757	2,554	68.0	2,217	1,605	72.4	3,718	3,650	98.2
TAD	Bradford District Care Trust (Trust Based)	1,853	1,416	76.4	98	60	61.2	984	751	76.3	381	260	68.2	390	345	88.5
RCF	Airedale NHS Foundation Trust	1,556	1,097	70.5	279	193	69.2	663	456	68.8	229	171	74.7	385	277	71.9
RY6	Leeds Community Healthcare NHS Trust	2,343	1,579	67.4	86	45	52.3	1,076	720	66.9	626	354	56.6	555	460	82.9
RWY	Calderdale and Huddersfield NHS Foundation Trust	4,664	3,040	65.2	552	296	53.6	1,861	1,001	53.8	568	348	61.3	1,683	1,395	82.9
RXF	Mid Yorkshire Hospitals NHS Trust	5,358	3,249	60.6	818	613	74.9	2,319	1,373	59.2	651	506	77.7	1,570	757	48.2
RAE	Bradford Teaching Hospitals NHS Foundation Trust	4,881	2,571	52.7	684	358	52.3	1,704	787	46.2	590	407	69.0	1,903	1,019	53.5
RGD	Leeds and York Partnership NHS Foundation Trust	2,359	1,020	43.2	200	90	45.0	1,043	376	36.1	353	181	51.3	763	373	48.9
RXG	South West Yorkshire Partnership NHS Foundation Trust	3,265	1,174	36.0	173	79	45.7	1,447	471	32.6	559	252	45.1	1,086	372	34.3
Arden, Herefordshire and Worcestershire																

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			No.	%		No.	%		No.	%		No.	%		No.	%
ATQ53	Arden, Herefordshire and Worcestershire Area Team Health Care Workers	3,106	1,857	59.8	1,180	721	61.1	805	461	57.3	51	32	62.8	1,070	643	60.1
RWP	Worcestershire Acute Hospitals NHS Trust	4,834	3,086	63.8	711	414	58.2	1,920	928	48.3	724	365	50.4	1,479	1,379	93.2
RLT	George Eliot Hospital NHS Trust	1,726	1,032	59.8	258	181	70.2	661	393	59.5	206	122	59.2	601	336	55.9
RLQ	Wye Valley NHS Trust	2,308	1,363	59.1	281	153	54.5	1,010	515	51.0	465	246	52.9	552	449	81.3
RKB	University Hospitals Coventry and Warwickshire NHS Trust	6,839	3,609	52.8	1,213	443	36.5	2,590	975	37.6	1,066	584	54.8	1,970	1,607	81.6
R1A	Worcestershire Health and Care NHS Trust	3,139	1,582	50.4	152	67	44.1	1,242	502	40.4	493	282	57.2	1,252	731	58.4
RJC	South Warwickshire NHS Foundation Trust	4,022	1,985	49.4	307	116	37.8	1,428	743	52.0	602	338	56.2	1,685	788	46.8
RYG	Coventry and Warwickshire Partnership NHS Trust	2,873	1,367	47.6	197	104	52.8	1,080	552	51.1	482	292	60.6	1,114	419	37.6
Birmingham and the Black Country																
ATQ54	Birmingham and the Black Country Area Team Health Care Workers	2,268	1,377	60.7	749	450	60.1	421	293	69.6	27	19	70.4	1,071	615	57.4
RYA	West Midlands Ambulance Service NHS Trust	3,967	1,366	34.4	0	0	0.0	51	10	19.6	2,289	778	34.0	1,627	578	35.5
RQ3	Birmingham Children's Hospital NHS Foundation Trust	2,610	2,351	90.1	357	327	91.6	1,134	1,069	94.3	490	387	79.0	629	568	90.3
RL4	The Royal Wolverhampton NHS Trust	4,436	3,673	82.8	676	636	94.1	2,106	1,515	71.9	844	712	84.4	810	810	100.0
RXK	Sandwell and West Birmingham Hospitals NHS Trust	4,740	3,849	81.2	796	656	82.4	1,939	1,559	80.4	879	562	63.9	1,126	1,072	95.2
RBK	Walsall Healthcare NHS Trust	2,874	2,186	76.1	402	293	72.9	1,299	900	69.3	358	234	65.4	815	759	93.1

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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.	%
RR1	Heart of England NHS Foundation Trust	7,893	5,994	75.9	1,047	908	86.7	3,084	1,992	64.6	997	743	74.5	2,765	2,351	85.0
RRK	University Hospitals Birmingham NHS Foundation Trust	5,027	2,522	50.2	448	438	97.8	2,462	1,045	42.5	861	492	57.1	1,256	547	43.6
RRJ	The Royal Orthopaedic Hospital NHS Foundation Trust	757	301	39.8	108	22	20.4	226	79	35.0	242	61	25.2	181	139	76.8
RNA	The Dudley Group NHS Foundation Trust	4,491	1,781	39.7	591	214	36.2	1,641	492	30.0	642	369	57.5	1,617	706	43.7
RLU	Birmingham Women's NHS Foundation Trust	1,268	495	39.0	128	46	35.9	599	278	46.4	272	57	21.0	269	114	42.4
RYW	Birmingham Community Healthcare NHS Trust	4,327	1,626	37.6	231	98	42.4	1,491	638	42.8	760	294	38.7	1,845	596	32.3
TAJ	Black Country Partnership Nhs Foundation Trust (Trust Based)	1,629	612	37.6	156	36	23.1	645	200	31.0	323	137	42.4	505	239	47.3
RXT	Birmingham and Solihull Mental Health NHS Foundation Trust	3,082	1,149	37.3	278	105	37.8	1,328	484	36.5	528	261	49.4	948	299	31.5
RYK	Dudley and Walsall Mental Health Partnership NHS Trust	951	325	34.2	87	35	40.2	371	118	31.8	86	47	54.7	407	125	30.7
Derbyshire and Nottinghamshire																
ATQ55	Derbyshire and Nottinghamshire Area Team Health Care Workers	5,442	3,301	60.7	1,594	1,135	71.2	1,999	1,254	62.7	170	105	61.8	1,679	807	48.1
RX9	East Midlands Ambulance Service NHS Trust	2,929	1,445	49.3	0	0	0.0	0	0	0.0	2,223	1,072	48.2	706	373	52.8
RK5	Sherwood Forest Hospitals NHS Ft	3,888	2,729	70.2	564	386	68.4	1,324	801	60.5	508	208	40.9	1,492	1,334	89.4
RHA	Nottinghamshire Healthcare NHS Trust	5,226	3,434	65.7	254	131	51.6	2,797	1,260	45.1	478	478	100.0	1,697	1,565	92.2
RTG	Derby Hospitals NHS Foundation Trust	6,303	3,854	61.2	849	361	42.5	2,631	1,463	55.6	1,005	638	63.5	1,818	1,392	76.6
RX1	Nottingham University Hospitals NHS Trust	7,814	4,759	60.9	910	809	88.9	3,963	1,930	48.7	655	617	94.2	2,286	1,403	61.4

Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCWs) in England

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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.	%
RFS	Chesterfield Royal Hospital NHS Foundation Trust	3,015	1,832	60.8	359	192	53.5	1,021	522	51.1	320	295	92.2	1,315	823	62.6
RY8	Derbyshire Community Health Services NHS Trust	3,487	1,796	51.5	148	41	27.7	1,175	507	43.2	539	341	63.3	1,625	907	55.8
RXM	Derbyshire Healthcare NHS Foundation Trust	2,095	498	23.8	151	49	32.5	901	199	22.1	304	59	19.4	739	191	25.8
East Anglia																
ATQ56	East Anglia Area Team Health Care Workers	4,207	2,593	61.6	1,404	871	62.0	1,374	923	67.2	419	145	34.6	1,010	654	64.8
RYC	East of England Ambulance Service NHS Trust	4,107	1,709	41.6	0	0	0.0	22	5	22.7	3,760	1,453	38.6	325	251	77.2
RQQ	Hinchingbrooke Health Care NHS Trust	1,079	829	76.8	126	125	99.2	540	421	78.0	170	139	81.8	243	144	59.3
RGN	Peterborough and Stamford Hospitals NHS Foundation Trust	3,117	2,166	69.5	451	312	69.2	1,355	847	62.5	438	388	88.6	873	619	70.9
RGM	Papworth Hospital NHS Foundation Trust	1,511	1,047	69.3	202	128	63.4	652	417	64.0	267	195	73.0	390	307	78.7
RM1	Norfolk and Norwich University Hospitals NHS Foundation Trust	6,826	4,400	64.5	912	424	46.5	2,239	946	42.3	1,019	527	51.7	2,656	2,503	94.2
RGR	West Suffolk NHS Foundation Trust	3,023	1,745	57.7	336	213	63.4	890	472	53.0	352	231	65.6	1,445	829	57.4
RGQ	Ipswich Hospital NHS Trust	2,875	1,533	53.3	468	230	49.2	1,252	570	45.5	399	326	81.7	756	407	53.8
RYV	Cambridgeshire Community Services NHS Trust	2,565	1,350	52.6	85	58	68.2	1,058	410	38.8	422	333	78.9	1,000	549	54.9
RT1	Cambridgeshire and Peterborough NHS Foundation Trust	2,042	1,046	51.2	162	119	73.5	698	327	46.9	406	279	68.7	776	321	41.4
RCX	The Queen Elizabeth Hospital, King's Lynn, NHS Foundation Trust	2,619	1,286	49.1	345	176	51.0	910	378	41.5	271	164	60.5	1,093	568	52.0
RGT	Cambridge University Hospitals NHS Foundation Trust	7,302	3,465	47.5	1,271	468	36.8	2,648	1,319	49.8	914	479	52.4	2,469	1,199	48.6
RY3	Norfolk Community Health and Care NHS Trust	2,613	930	35.6	42	19	45.2	1,066	272	25.5	496	293	59.1	1,009	346	34.3

Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCWs) in England

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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.	%
RMY	Norfolk and Suffolk NHS Foundation Trust	3,089	1,078	34.9	196	81	41.3	1,280	351	27.4	448	221	49.3	1,165	425	36.5
RGP	James Paget University Hospitals NHS Foundation Trust	2,712	840	31.0	356	95	26.7	911	324	35.6	273	138	50.6	1,172	283	24.1
Essex																
ATQ57	Essex Area Team Health Care Workers	3,884	2,200	56.6	1,108	630	56.9	668	479	71.7	43	29	67.4	2,065	1,062	51.4
RDD	Basildon and Thurrock University Hospitals NHS Foundation Trust	4,148	2,782	67.1	554	366	66.1	1,584	1,061	67.0	474	301	63.5	1,536	1,054	68.6
RDE	Colchester Hospital University NHS Foundation Trust	3,422	2,064	60.3	489	249	50.9	1,281	799	62.4	518	372	71.8	1,134	644	56.8
RAJ	Southend University Hospital NHS Foundation Trust	3,431	2,021	58.9	510	247	48.4	1,249	601	48.1	491	368	75.0	1,181	805	68.2
RQW	The Princess Alexandra Hospital NHS Trust	2,692	1,399	52.0	426	119	27.9	889	453	51.0	328	249	75.9	1,049	578	55.1
RRD	North Essex Partnership NHS Foundation Trust	1,512	672	44.4	132	58	43.9	618	265	42.9	273	93	34.1	489	256	52.4
RQ8	Mid Essex Hospital Services NHS Trust	3,708	1,539	41.5	728	260	35.7	1,401	548	39.1	504	235	46.6	1,075	496	46.1
RWN	South Essex Partnership University NHS Foundation Trust	4,309	1,323	30.7	210	64	30.5	1,803	390	21.6	946	265	28.0	1,350	604	44.7
Hertfordshire and The South Midlands																
ATQ58	Hertfordshire and The South Midlands Area Team Health Care Workers	3,069	1,945	63.4	875	569	65.0	1,057	695	65.8	15	7	46.7	1,122	674	60.1
RWG	West Hertfordshire Hospitals NHS Trust	4,200	3,344	79.6	1,200	956	79.7	1,200	956	79.7	600	478	79.7	1,200	954	79.5

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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.	%
RNS	Northampton General Hospital NHS Trust	3,429	2,422	70.6	512	276	53.9	1,453	788	54.2	633	529	83.6	831	829	99.8
RD8	Milton Keynes Hospital NHS Foundation Trust	2,358	1,622	68.8	417	278	66.7	960	545	56.8	335	178	53.1	646	621	96.1
RC1	Bedford Hospital NHS Trust	2,244	1,519	67.7	285	169	59.3	797	518	65.0	260	208	80.0	902	624	69.2
RC9	Luton and Dunstable Hospital NHS Foundation Trust	2,834	1,880	66.3	511	381	74.6	1,291	692	53.6	369	271	73.4	663	536	80.8
RP1	Northamptonshire Healthcare NHS Foundation Trust	2,622	1,715	65.4	126	76	60.3	1,203	811	67.4	455	327	71.9	838	501	59.8
RNQ	Kettering General Hospital NHS Foundation Trust	2,669	1,646	61.7	432	250	57.9	1,103	698	63.3	429	275	64.1	705	423	60.0
RWH	East and North Hertfordshire NHS Trust	4,249	2,527	59.5	734	488	66.5	1,655	903	54.6	518	214	41.3	1,342	922	68.7
RY4	Hertfordshire Community NHS Trust	2,229	998	44.8	55	22	40.0	1,023	334	32.7	643	344	53.5	508	298	58.7
RWR	Hertfordshire Partnership NHS Foundation Trust	2,127	0	0.0	176	0	0.0	719	0	0.0	544	0	0.0	688	0	0.0
Leicestershire and Lincolnshire Area Team																
ATQ59	Leicestershire and Lincolnshire Area Team Health Care Workers	4,924	2,863	58.1	1,188	689	58.0	753	499	66.3	0	0	0.0	2,983	1,675	56.2
RWD	United Lincolnshire Hospitals NHS Trust	5,361	3,408	63.6	850	367	43.2	2,289	1,383	60.4	606	508	83.8	1,616	1,150	71.2
RWE	University Hospitals Of Leicester NHS Trust	7,685	4,665	60.7	1,799	719	40.0	3,696	1,810	49.0	489	489	100.0	1,701	1,647	96.8
RT5	Leicestershire Partnership NHS Trust	3,781	2,001	52.9	128	114	89.1	1,884	784	41.6	652	413	63.3	1,117	690	61.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
RY5	Lincolnshire Community Health Services NHS Trust	1,927	957	49.7	27	24	88.9	1,025	523	51.0	199	131	65.8	676	279	41.3
RP7	Lincolnshire Partnership NHS Foundation Trust	1,599	663	41.5	126	31	24.6	547	198	36.2	221	177	80.1	705	257	36.5
Shropshire and Staffordshire																
ATQ60	Shropshire and Staffordshire Area Team Health Care Workers	3,576	2,358	65.9	1,020	679	66.6	741	511	69.0	95	57	60.0	1,720	1,111	64.6
RJE	University Hospital Of North Staffordshire NHS Trust	6,336	4,972	78.5	1,010	679	67.2	2,807	2,306	82.2	675	558	82.7	1,844	1,429	77.5
RJF	Burton Hospitals NHS Foundation Trust	2,031	1,585	78.0	311	162	52.1	1,006	734	73.0	207	184	88.9	507	505	99.6
RRE	South Staffordshire and Shropshire Healthcare NHS Foundation Trust	2,155	1,509	70.0	139	102	73.4	972	479	49.3	602	553	91.9	442	375	84.8
R1D	Shropshire Community Health NHS Trust	1,196	804	67.2	61	39	63.9	673	431	64.0	243	128	52.7	219	206	94.1
RXW	Shrewsbury and Telford Hospital NHS Trust	4,272	2,661	62.3	599	392	65.4	1,870	943	50.4	802	481	60.0	1,001	845	84.4
R1E	Staffordshire and Stoke On Trent Partnership NHS Trust	4,046	2,352	58.1	112	26	23.2	1,701	794	46.7	804	680	84.6	1,429	852	59.6
RL1	The Robert Jones and Agnes Hunt Orthopaedic Hospital NHS Foundation Trust	892	499	55.9	127	38	29.9	334	167	50.0	196	106	54.1	235	188	80.0
RLY	North Staffordshire Combined Healthcare NHS Trust	1,168	501	42.9	55	52	94.6	435	211	48.5	236	111	47.0	442	127	28.7
Bath, Gloucestershire, Swindon and Wiltshire																
ATQ64	Bath, Gloucestershire, Swindon and Wiltshire Area Team Health Care Workers	5,023	2,664	53.0	809	551	68.1	1,347	651	48.3	488	303	62.1	2,379	1,159	48.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
RBB	Royal National Hospital For Rheumatic Diseases NHS Foundation Trust	143	84	58.7	18	12	66.7	33	21	63.6	66	37	56.1	26	14	53.8
RTQ	2gether NHS Foundation Trust	1,415	774	54.7	105	45	42.9	626	365	58.3	293	107	36.5	391	257	65.7
RN3	Great Western Hospitals NHS Foundation Trust	4,368	2,186	50.1	600	311	51.8	1,898	729	38.4	723	347	48.0	1,147	799	69.7
RD1	Royal United Hospital Bath NHS Trust	3,835	1,851	48.3	516	264	51.2	1,433	704	49.1	609	285	46.8	1,277	598	46.8
RNZ	Salisbury NHS Foundation Trust	2,413	1,100	45.6	360	181	50.3	1,006	353	35.1	369	170	46.1	678	396	58.4
RTE	Gloucestershire Hospitals NHS Foundation Trust	6,337	2,806	44.3	839	305	36.4	2,232	1,030	46.2	902	430	47.7	2,364	1,041	44.0
RVN	Avon and Wiltshire Mental Health Partnership NHS Trust	3,085	1,359	44.1	255	113	44.3	1,071	277	25.9	475	207	43.6	1,284	762	59.3
R1J	The Gloucestershire Care Services National Health Service Trust	2,077	882	42.5	43	25	58.1	894	379	42.4	493	215	43.6	647	263	40.6
Bristol, North Somerset, Somerset and South Gloucestershire																
ATQ65	Bristol, North Somerset, Somerset and South Gloucestershire Area Team Health Care Workers	5,085	3,076	60.5	1,201	793	66.0	1,699	950	55.9	378	230	60.9	1,807	1,103	61.0
RA3	Weston Area Health NHS Trust	1,425	963	67.6	185	140	75.7	478	316	66.1	152	85	55.9	610	422	69.2
RA7	University Hospitals Bristol NHS Foundation Trust	5,771	3,444	59.7	1,083	616	56.9	2,481	1,244	50.1	1,191	571	47.9	1,016	1,013	99.7
RBA	Taunton and Somerset NHS Foundation Trust	2,692	1,587	59.0	463	296	63.9	1,162	553	47.6	393	285	72.5	674	453	67.2
RA4	Yeovil District Hospital NHS Foundation Trust	1,808	916	50.7	328	167	50.9	615	278	45.2	190	119	62.6	675	352	52.1
RH5	Somerset Partnership NHS Foundation Trust	2,731	1,200	43.9	87	36	41.4	1,217	309	25.4	567	281	49.6	860	574	66.7
RVJ	North Bristol NHS Trust	5,695	2,409	42.3	902	402	44.6	2,488	877	35.3	855	344	40.2	1,450	786	54.2

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			No.	%		No.	%		No.	%		No.	%		No.	%
Devon, Cornwall and Isles of Scilly																
ATQ66	Devon, Cornwall and Isles of Scilly Area Team Health Care Workers	10,208	4,023	39.4	1,552	934	60.2	3,543	1,261	35.6	893	301	33.7	4,220	1,527	36.2
RYF	South Western Ambulance Service NHS Trust	3,121	1,374	44.0	0	0	0.0	0	0	0.0	3,121	1,374	44.0	0	0	0.0
RK9	Plymouth Hospitals NHS Trust	4,366	2,481	56.8	928	417	44.9	1,798	771	42.9	628	363	57.8	1,012	930	91.9
RWV	Devon Partnership NHS Trust	1,588	832	52.4	158	55	34.8	690	224	32.5	292	115	39.4	448	438	97.8
RA9	South Devon Healthcare NHS Foundation Trust	4,645	2,098	45.2	505	227	45.0	1,244	471	37.9	646	259	40.1	2,250	1,141	50.7
RBZ	Northern Devon Healthcare NHS Trust	3,106	1,347	43.4	227	111	48.9	1,298	424	32.7	645	285	44.2	936	527	56.3
R1G	Torbay and Southern Devon Health and Care NHS Trust	2,408	962	40.0	19	10	52.6	704	230	32.7	404	192	47.5	1,281	530	41.4
REF	Royal Cornwall Hospitals NHS Trust	3,776	1,415	37.5	636	301	47.3	1,509	568	37.6	724	244	33.7	907	302	33.3
RH8	Royal Devon and Exeter NHS Foundation Trust	5,506	2,014	36.6	769	296	38.5	1,807	636	35.2	758	358	47.2	2,172	724	33.3
RJ8	Cornwall Partnership NHS Foundation Trust	1,388	293	21.1	70	37	52.9	658	116	17.6	201	52	25.9	459	88	19.2
Kent and Medway																
ATQ67	Kent and Medway Area Team Health Care Workers	5,192	2,638	50.8	1,229	693	56.4	1,237	635	51.3	286	131	45.8	2,440	1,179	48.3
RYD	South East Coast Ambulance Service NHS Trust	2,916	1,626	55.8	0	0	0.0	0	0	0.0	2,916	1,626	55.8	0	0	0.0
RN7	Dartford and Gravesham NHS Trust	2,444	1,571	64.3	367	235	64.0	1,081	616	57.0	278	159	57.2	718	561	78.1
RPA	Medway NHS Foundation Trust	2,738	1,436	52.5	505	210	41.6	1,253	603	48.1	272	168	61.8	708	455	64.3
RYY	Kent Community Health NHS Trust	4,220	1,977	46.9	105	34	32.4	1,686	642	38.1	798	476	59.7	1,631	825	50.6

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			No.	%		No.	%		No.	%		No.	%		No.	%
RWF	Maidstone and Tunbridge Wells NHS Trust	4,706	2,009	42.7	698	267	38.3	1,550	541	34.9	773	454	58.7	1,685	747	44.3
RXY	Kent and Medway NHS and Social Care Partnership Trust	2,575	1,099	42.7	175	64	36.6	867	279	32.2	415	182	43.9	1,118	574	51.3
RVV	East Kent Hospitals University NHS Foundation Trust	5,672	2,042	36.0	905	342	37.8	2,301	731	31.8	1,070	506	47.3	1,396	463	33.2
Surrey and Sussex																
ATQ68	Surrey and Sussex Area Team Health Care Workers	7,553	3,383	44.8	1,480	860	58.1	2,080	899	43.2	820	319	38.9	3,173	1,305	41.1
RDU	Frimley Park Hospital NHS Foundation Trust	4,653	2,514	54.0	609	272	44.7	1,501	811	54.0	506	325	64.2	2,037	1,106	54.3
RXC	East Sussex Healthcare NHS Trust	4,465	2,377	53.2	590	258	43.7	2,076	860	41.4	648	335	51.7	1,151	924	80.3
RPC	Queen Victoria Hospital NHS Foundation Trust	983	517	52.6	139	50	36.0	216	118	54.6	79	77	97.5	549	272	49.5
RXH	Brighton and Sussex University Hospitals NHS Trust	5,776	2,683	46.5	1,045	348	33.3	2,505	802	32.0	922	322	34.9	1,304	1,211	92.9
RTP	Surrey and Sussex Healthcare NHS Trust	3,360	1,492	44.4	524	200	38.2	1,096	476	43.4	361	183	50.7	1,379	633	45.9
RYR	Western Sussex Hospitals NHS Trust	4,857	2,011	41.4	743	281	37.8	1,928	709	36.8	748	379	50.7	1,438	642	44.6
RDR	Sussex Community NHS Trust	4,016	1,654	41.2	86	30	34.9	1,495	676	45.2	894	295	33.0	1,541	653	42.4
RX2	Sussex Partnership NHS Foundation Trust	2,582	1,048	40.6	465	105	22.6	874	314	35.9	287	155	54.0	956	474	49.6
RA2	Royal Surrey County Hospital NHS Foundation Trust	2,816	1,081	38.4	569	192	33.7	1,086	371	34.2	590	316	53.6	571	202	35.4
RTK	Ashford and St Peter's Hospitals NHS Foundation Trust	2,588	919	35.5	531	119	22.4	1,072	345	32.2	379	193	50.9	606	262	43.2
RXX	Surrey and Borders Partnership NHS Foundation Trust	1,712	575	33.6	166	62	37.4	598	167	27.9	407	186	45.7	541	160	29.6

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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.	%
Thames Valley																
ATQ69	Thames Valley Area Team Health Care Workers	3,718	2,413	64.9	1,207	773	64.0	804	576	71.6	36	22	61.1	1,671	1,042	62.4
RYE	South Central Ambulance Service NHS Trust	2,079	784	37.7	26	1	3.9	9	2	22.2	1,070	458	42.8	974	323	33.2
RWX	Berkshire Healthcare NHS Foundation Trust	3,001	2,166	72.2	169	153	90.5	1,268	786	62.0	715	672	94.0	849	555	65.4
RTH	Oxford University Hospitals NHS Trust	8,988	5,634	62.7	2,080	1,392	66.9	3,641	2,131	58.5	1,564	1,048	67.0	1,703	1,063	62.4
RNU	Oxford Health NHS Foundation Trust	3,948	2,404	60.9	295	178	60.3	1,869	784	42.0	674	502	74.5	1,110	940	84.7
RXQ	Buckinghamshire Healthcare NHS Trust	5,483	3,061	55.8	604	338	56.0	1,840	991	53.9	750	493	65.7	2,289	1,239	54.1
RD7	Heatherwood and Wexham Park Hospitals NHS Foundation Trust	3,145	1,612	51.3	500	228	45.6	1,193	459	38.5	400	357	89.3	1,052	568	54.0
RHW	Royal Berkshire NHS Foundation Trust	4,599	2,157	46.9	719	314	43.7	1,784	846	47.4	521	269	51.6	1,575	728	46.2
Wessex																
ATQ70	Wessex Area Team Health Care Workers	4,763	3,017	63.3	1,700	1,089	64.1	1,180	744	63.1	42	28	66.7	1,841	1,156	62.8
RN5	Hampshire Hospitals NHS Foundation Trust	4,438	3,008	67.8	864	402	46.5	1,756	985	56.1	536	521	97.2	1,282	1,100	85.8
RHU	Portsmouth Hospitals NHS Trust	5,895	3,654	62.0	862	525	60.9	1,994	1,266	63.5	786	478	60.8	2,253	1,385	61.5
R1C	Solent NHS Trust	2,820	1,673	59.3	202	97	48.0	1,034	526	50.9	712	269	37.8	872	781	89.6

Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCWs) in England

Org Code	Organisation name	All HCWs involved in direct patient care			All doctors (including GPs)			All 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.	%
RHM	University Hospital Southampton NHS Foundation Trust	8,484	4,853	57.2	1,772	786	44.4	3,320	1,757	52.9	1,265	664	52.5	2,127	1,646	77.4
RDZ	The Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust	4,040	2,223	55.0	625	332	53.1	1,470	770	52.4	621	324	52.2	1,324	797	60.2
RBD	Dorset County Hospital NHS Foundation Trust	2,002	941	47.0	296	164	55.4	814	344	42.3	276	137	49.6	616	296	48.1
RD3	Poole Hospital NHS Foundation Trust	3,814	1,749	45.9	495	224	45.3	1,146	548	47.8	609	359	59.0	1,564	618	39.5
R1F	Isle of Wight NHS Trust	2,372	956	40.3	223	74	33.2	872	337	38.7	483	252	52.2	794	293	36.9
RW1	Southern Health NHS Foundation Trust	7,210	2,221	30.8	348	84	24.1	2,060	586	28.5	865	506	58.5	3,937	1,045	26.5
RDY	Dorset Healthcare University NHS Foundation Trust	4,680	1,086	23.2	189	52	27.5	1,920	411	21.4	723	201	27.8	1,848	422	22.8
London																
ATQ71	London Area Team Health Care Workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RRU	London Ambulance Service NHS Trust	2,839	1,249	44.0	0	0	0.0	0	0	0.0	2,839	1,249	44.0	0	0	0.0
RKE	The Whittington Hospital NHS Trust	2,694	2,229	82.7	472	459	97.3	1,245	874	70.2	774	695	89.8	203	201	99.0
RFW	West Middlesex University Hospital NHS Trust	1,494	1,136	76.0	354	266	75.1	686	448	65.3	108	82	75.9	346	340	98.3
RAX	Kingston Hospital NHS Trust	2,593	1,569	60.5	519	279	53.8	926	573	61.9	175	126	72.0	973	591	60.7
RQM	Chelsea and Westminster Hospital NHS Foundation Trust	2,799	1,618	57.8	644	340	52.8	1,069	565	52.9	404	238	58.9	682	475	69.6
RQY	South West London and St George's Mental Health NHS Trust	1,637	923	56.4	256	116	45.3	595	335	56.3	469	253	53.9	317	219	69.1

Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCWs) in England

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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.	%
RJ2	Lewisham and Greenwich NHS Trust	4,696	2,611	55.6	846	533	63.0	2,188	911	41.6	690	396	57.4	972	771	79.3
RVR	Epsom and St Helier University Hospitals NHS Trust	3,904	2,164	55.4	662	393	59.4	1,533	730	47.6	373	183	49.1	1,336	858	64.2
RAS	The Hillingdon Hospitals NHS Foundation Trust	2,206	1,199	54.4	360	150	41.7	814	448	55.0	295	166	56.3	737	435	59.0
RJ1	Guy's and St Thomas' NHS Foundation Trust	8,490	4,560	53.7	1,893	995	52.6	4,112	2,095	51.0	1,432	780	54.5	1,053	690	65.5
RT3	Royal Brompton and Harefield NHS Foundation Trust	2,723	1,458	53.5	468	219	46.8	1,492	499	33.5	359	340	94.7	404	400	99.0
RY9	Hounslow and Richmond Community Healthcare NHS Trust	763	376	49.3	9	8	88.9	316	151	47.8	313	95	30.4	125	122	97.6
RYJ	Imperial College Healthcare NHS Trust	8,399	4,027	48.0	2,159	1,052	48.7	3,291	1,395	42.4	1,337	556	41.6	1,612	1,024	63.5
RQX	Homerton University Hospital NHS Foundation Trust	3,189	1,520	47.7	485	348	71.8	1,173	484	41.3	578	304	52.6	953	384	40.3
RF4	Barking, Havering and Redbridge University Hospitals NHS Trust	4,334	2,064	47.6	867	403	46.5	1,991	664	33.4	526	321	61.0	950	676	71.2
RJ6	Croydon Health Services NHS Trust	2,413	1,146	47.5	474	249	52.5	1,087	492	45.3	386	199	51.6	466	206	44.2
RJ7	St George's Healthcare NHS Trust	6,230	2,951	47.4	1,147	513	44.7	2,619	1,229	46.9	1,312	620	47.3	1,152	589	51.1
RAP	North Middlesex University Hospital NHS Trust	2,344	1,091	46.5	543	222	40.9	988	343	34.7	160	156	97.5	653	370	56.7
RJZ	King's College Hospital NHS Foundation Trust	7,795	3,587	46.0	2,086	829	39.7	3,660	1,595	43.6	813	627	77.1	1,236	536	43.4
RPY	The Royal Marsden NHS Foundation Trust	2,628	1,152	43.8	353	162	45.9	1,136	408	35.9	757	302	39.9	382	280	73.3
RAL	Royal Free London NHS Foundation Trust	7,589	3,256	42.9	1,554	456	29.3	2,943	855	29.1	1,283	519	40.5	1,809	1,426	78.8

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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.	%
RRV	University College London Hospitals NHS Foundation Trust	7,363	3,072	41.7	1,439	686	47.7	2,659	926	34.8	1,662	554	33.3	1,603	906	56.5
RP4	Great Ormond Street Hospital For Children NHS Foundation Trust	3,768	1,568	41.6	682	269	39.4	1,292	628	48.6	723	250	34.6	1,071	421	39.3
TAF	Camden and Islington Mental Health and Social Care Trust (Trust Based)	1,172	454	38.7	131	53	40.5	371	104	28.0	250	148	59.2	420	149	35.5
RV3	Central and North West London NHS Foundation Trust	4,888	1,810	37.0	533	186	34.9	2,107	668	31.7	1,213	385	31.7	1,035	571	55.2
R1K	London North West Healthcare NHS Trust	8,098	2,833	35.0	1,253	501	40.0	3,043	939	30.9	1,145	442	38.6	2,657	951	35.8
R1H	Barts Health NHS Trust	9,773	3,103	31.8	2,110	743	35.2	4,266	1,043	24.5	1,668	482	28.9	1,729	835	48.3
RP6	Moorfields Eye Hospital NHS Foundation Trust	1,477	465	31.5	329	97	29.5	395	157	39.8	439	73	16.6	314	138	43.9
RPG	Oxleas NHS Foundation Trust	2,768	849	30.7	179	71	39.7	1,201	379	31.6	750	203	27.1	638	196	30.7
RAN	Royal National Orthopaedic Hospital NHS Trust	1,328	404	30.4	172	54	31.4	448	131	29.2	291	89	30.6	417	130	31.2
RKL	West London Mental Health NHS Trust	2,732	814	29.8	312	99	31.7	940	219	23.3	395	125	31.7	1,085	371	34.2
RRP	Barnet, Enfield and Haringey Mental Health NHS Trust	2,282	674	29.5	236	78	33.1	849	274	32.3	580	79	13.6	617	243	39.4
RYX	Central London Community Healthcare NHS Trust	2,142	568	26.5	71	13	18.3	1,063	253	23.8	589	159	27.0	419	143	34.1
RNK	Tavistock and Portman NHS Foundation Trust	356	90	25.3	26	17	65.4	19	4	21.1	311	69	22.2	0	0	0.0

Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCWs) in England

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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.	%
RAT	North East London NHS Foundation Trust	4,523	1,117	24.7	257	42	16.3	2,332	343	14.7	662	221	33.4	1,272	511	40.2
RWK	East London NHS Foundation Trust	3,435	732	21.3	343	68	19.8	1,129	220	19.5	678	157	23.2	1,285	287	22.3
RV5	South London and Maudsley NHS Foundation Trust	3,454	677	19.6	458	96	21.0	1,303	244	18.7	962	205	21.3	731	132	18.1

Table 4: Seasonal influenza vaccine uptake in HCWs for all trusts by AT in England for 2014 to 2015 compared with 2013 to 2014

Geographical Area	2014/15						2013/14					
	Response Summary			Vaccine Uptake (%)			Response Summary			Vaccine Uptake (%)		
	Number of Organisations	Number of Organisations making a return	% of Organisations making a return	Number of HCWs with Direct Patient Care	Seasonal flu doses given since 1 September 2014	Vaccine Uptake (%)	Number of Organisations	Number of Organisations making a return	% of Organisations making a return	Number of HCWs with Direct Patient Care	Seasonal flu doses given since 1 September 2013	Vaccine Uptake (%)
NORTH OF ENGLAND COMMISSIONING REGION	83	83	100.0	311,536	195,668	62.8	83	83	100.0	310,354	202,728	65.3
CHESHIRE, WARRINGTON AND WIRRAL	10	10	100.0	28,877	18,511	64.1	10	10	100.0	26,838	17,834	66.5
DURHAM, DARLINGTON AND TEES	5	5	100.0	26,265	17,199	65.5	5	5	100.0	27,238	17,449	64.1
GREATER MANCHESTER	15	15	100.0	56,476	34,354	60.8	15	15	100.0	59,903	37,479	62.6
LANCASHIRE	6	6	100.0	26,475	15,680	59.2	6	6	100.0	24,565	16,819	68.5
MERSEYSIDE	11	11	100.0	25,119	19,166	76.3	11	11	100.0	26,773	19,491	72.8
CUMBRIA, NORTHUMBERLAND, TYNE AND WEAR	11	11	100.0	43,379	25,630	59.1	11	11	100.0	45,346	28,321	62.5
NORTH YORKSHIRE AND HUMBER	6	6	100.0	27,888	16,695	59.9	6	6	100.0	22,168	15,462	69.7
SOUTH YORKSHIRE AND BASSETLAW	8	8	100.0	30,420	19,724	64.8	8	8	100.0	29,934	21,011	70.2
WEST YORKSHIRE	11	11	100.0	46,637	28,709	61.6	11	11	100.0	47,589	28,862	60.6
MIDLANDS AND EAST OF ENGLAND COMMISSIONING REGION	81	81	100.0	279,138	160,569	57.5	82	82	100.0	274,469	149,874	54.6
ARDEN, HEREFORDSHIRE AND WORCESTERSHIRE	8	8	100.0	28,847	15,881	55.1	8	8	100.0	26,287	13,552	51.6
BIRMINGHAM AND THE BLACK COUNTRY	15	15	100.0	50,320	29,607	58.8	15	15	100.0	48,699	24,602	50.5
DERBYSHIRE AND NOTTINGHAMSHIRE	9	9	100.0	40,199	23,648	58.8	9	9	100.0	40,513	23,970	59.2
EAST ANGLIA	15	15	100.0	49,687	26,017	52.4	15	15	100.0	48,923	25,055	51.2
ESSEX	8	8	100.0	27,106	14,000	51.6	8	8	100.0	29,257	15,245	52.1
HERTFORDSHIRE AND THE SOUTH MIDLANDS	11	11	100.0	32,030	19,618	61.2	11	11	100.0	32,473	17,462	53.8
LEICESTERSHIRE AND LINCOLNSHIRE	6	6	100.0	25,277	14,557	57.6	6	6	100.0	22,633	13,125	58.0
SHROPSHIRE AND STAFFORDSHIRE	9	9	100.0	25,672	17,241	67.2	10	10	100.0	25,684	16,863	65.7
LONDON COMMISSIONING REGION	38	38	100.0	141,318	61,116	43.2	41	39	95.1	141,146	57,989	41.1
LONDON	38	38	100.0	141,318	61,116	43.2	41	39	95.1	141,146	57,989	41.1
SOUTH OF ENGLAND COMMISSIONING REGION	65	65	100.0	255,318	124,404	48.7	65	65	100.0	248,663	123,499	49.7
BATH, GLOUCESTERSHIRE, SWINDON AND WILTSHIRE	9	9	100.0	28,696	13,706	47.8	9	9	100.0	25,306	12,596	49.8
BRISTOL, NORTH SOMERSET, SOMERSET AND SOUTH GLOUCESTERSHIRE	7	7	100.0	25,207	13,595	53.9	7	7	100.0	29,395	14,455	49.2
DEVON, CORNWALL AND ISLES OF SCILLY	10	10	100.0	40,112	16,839	42.0	10	10	100.0	35,368	16,188	45.8
KENT AND MEDWAY	8	8	100.0	30,463	14,398	47.3	8	8	100.0	27,824	13,952	50.1
SURREY AND SUSSEX	12	12	100.0	45,361	20,254	44.7	12	12	100.0	46,623	22,334	47.9
THAMES VALLEY	8	8	100.0	34,961	20,231	57.9	8	8	100.0	35,027	20,699	59.1
WESSEX	11	11	100.0	50,518	25,381	50.2	11	11	100.0	49,120	23,275	47.4
ENGLAND	267	267	100.0	987,310	541,757	54.9	269	271	100.0	974,632	534,090	54.8