



Public Health
England

Protecting and improving the nation's health

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

Winter season 2015 to 2016

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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 2015 to 2016 vaccination campaign in England with a focus on the results from the final February survey (cumulative vaccinations administered up to end 29 February 2016).

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 263 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 2015 to 29 February 2016.

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 2015 to 2016 season saw 50.6% of all frontline HCWs (from all trusts) with direct patient care reported to have received the 2015 to 2016 seasonal influenza vaccine in England.

¹National influenza vaccination programme 2015 to 2016

[https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/418428/Annual flu letter 24 03 15 FINALv3 para9.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/418428/Annual_flu_letter_24_03_15_FINALv3_para9.pdf)

Key findings

Survey response

A total of **263** out of **263** trusts (**100%**) returned data for the final survey on cumulative influenza vaccine administered from 1 September 2015 to 29 February 2016. The main results were as follows:

National vaccine uptake

- **50.6%** of all frontline HCWs (from all trusts) with direct patient care identified by trusts were reported to have received the 2015 to 2016 seasonal influenza vaccine in England (a decrease in uptake compared with **54.9%** of all frontline HCWs who received the seasonal influenza vaccine in 2014/15)

Regional and local vaccine uptake

- seasonal influenza vaccine uptake (from all trusts) aggregated by AT ranged from **40.7%** to **71.1%**.
- the highest seasonal influenza vaccine uptake by trust was **83.5%**, with **6.8%** of all trusts (18/263) achieving vaccine uptake rates of 75% or more
- seasonal influenza vaccine uptake (from GP practices and ISHCPs) aggregated by AT ranged from **34.2%** to **72.3%** 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 **65.2%** followed by GPs with an uptake of **58.8%**. The lowest uptake was **44.9%** in qualified nurses (excluding GP practice nurses).

Table 1: Seasonal Influenza vaccine uptake in HCWs by Staff Group, for England 2015 to 2016

HCWs staff group (direct patient care)	Seasonal influenza doses administered in 2015 to 2016		
	Number of HCWs with direct patient care	Number vaccinated	Vaccine uptake (%)
All doctors (excluding GPs)	111,378	55,386	49.7
GPs only	22,953	13,491	58.8
Qualified nurses (excluding GP practice nurses)	351,479	157,832	44.9
Qualified nurses (GP practice nurses only)	14,082	9,176	65.2
All other professionally qualified clinical staff	165,782	87,123	52.6
Support to clinical staff	296,870	163,901	55.2
Support to GP staff	28,779	15,124	52.6
All HCWs with direct patient care	991,323	502,033	50.6

NB: This table excludes data from one trust as the breakdown by HCWs staff group was not provided.

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 2015 to 2016 winter season among HCWs, a seasonal influenza vaccine uptake survey of all 263 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 2015 to 2016 influenza season.

The aims and objectives of the 2015 to 2016 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

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 2015 and 29 February 2016 (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

²National influenza vaccination programme 2015 to 2016

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/418428/Annual_flu_letter_24_03_15_FINALv3_para9.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.

(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 2015 to 2016 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 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 263 out of 263 trusts (100% response rate) submitted data on seasonal influenza vaccinations administered up to 29 February 2016 compared to the same response rate of 100% (267/267) seen in 2014 to 2015. A summary of the main results at national, regional, and local level are outlined below.

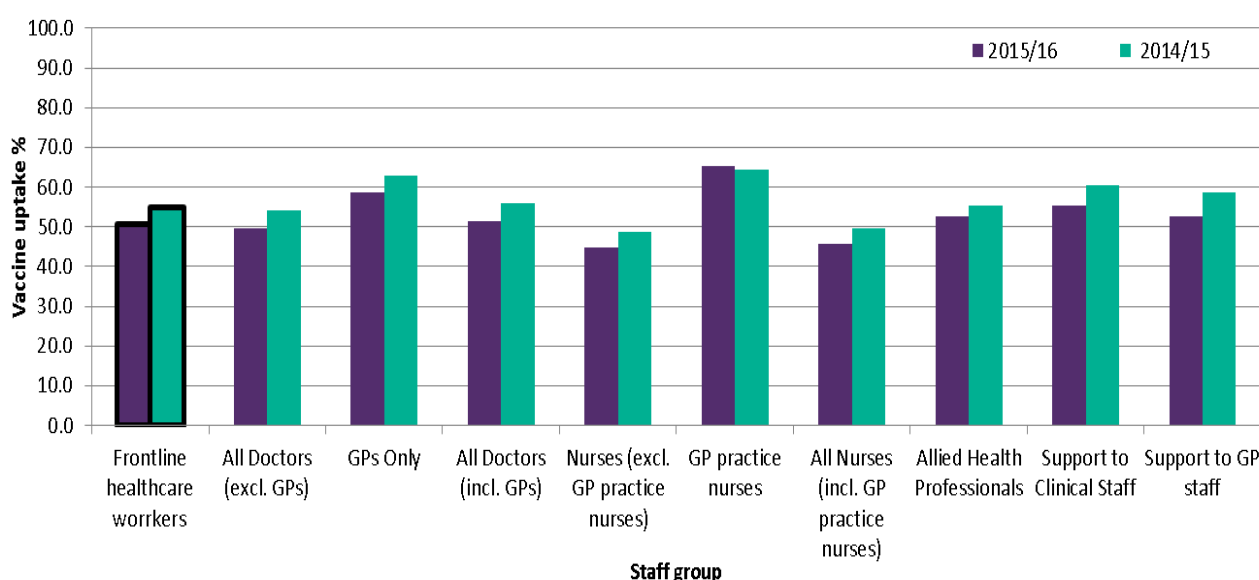
National vaccine uptake rates

Overall, 50.6% (504,830/996,977) of frontline HCWs received the seasonal influenza vaccine during the 2015 to 2016 season, compared with 54.9% in 2014 to 2015, 54.8% in 2013 to 2014 and 45.6% in 2012 to 2013⁴. Appendix E ([Table 3](#)) shows national (England) seasonal influenza vaccine uptake figures for the 2015 to 2016 season broken down by each AT and trust type.

National vaccine uptake rates by staff group

Similar to last season, the highest seasonal influenza vaccine uptake by staff group was amongst GP practice nurses (65.2%) compared to 64.4 % in 2014 to 15. The lowest uptake was among qualified nurses (excluding GP practice nurses at 44.9% compared to 48.8% in 2014 to 2015 (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).

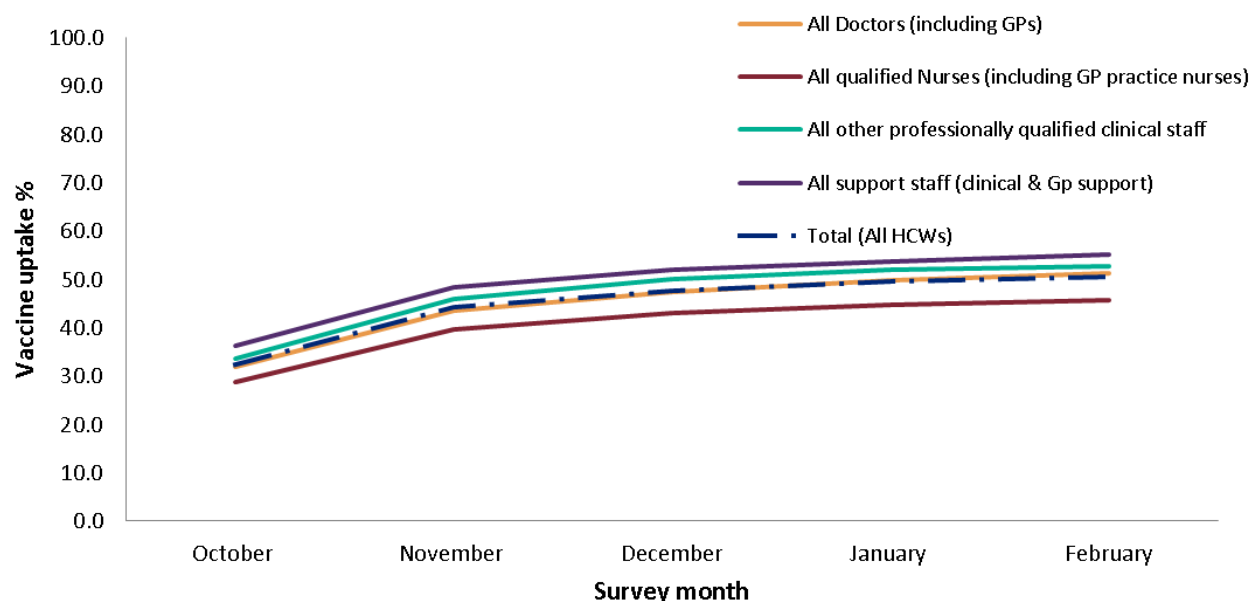
Figure 1: Seasonal influenza vaccine uptake in healthcare workers (HCWs) by staff groupings in England for 2015 to 2016 compared with 2014 to 2015



NB: This chart excludes data from one trust as the breakdown HCWs staff group was not provided.

⁴ Seasonal influenza vaccine uptake amongst frontline healthcare workers (HCW's) in England, 2012 to 2015 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 2015 to 2016



NB: This table excludes data from one trust as the breakdown of the HCWs by staff group was not provided.

Vaccine uptake rates by former Area Team

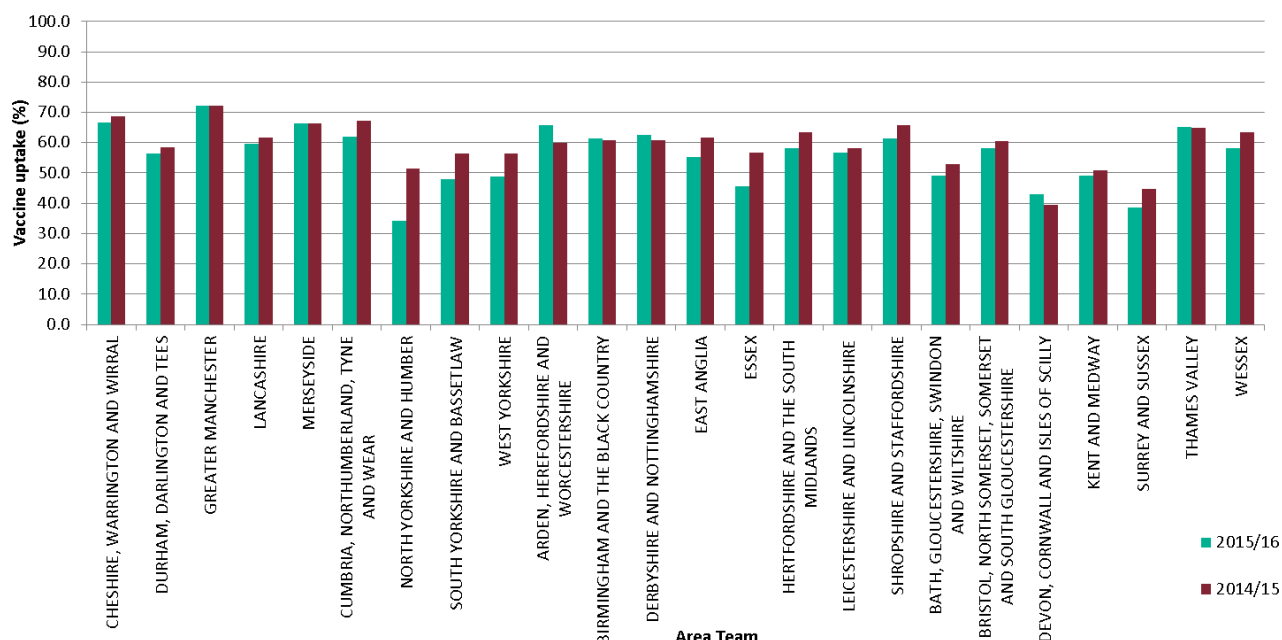
Seasonal influenza vaccine uptake (from all trusts) aggregated by former AT ranged from 40.7% to 71.1% with 0/25 ATs reporting uptake of 75% or greater. ([Appendix E, Table 3](#)). The highest vaccine uptake was achieved in the North of England in both 2015 to 2016 and 2014 to 2015 seasons. London reported the lowest uptake.

Figure 3: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in trust by former AT and Regions in 2015 to 2016 compared with 2014 to 2015.



Seasonal influenza vaccine uptake (from GP Practices and ISHCPs) aggregated by former AT ranged from 34.2% to 72.3% with 0/24 ATs reporting uptake of 75% or greater.

Figure 4: Seasonal influenza vaccine uptake in healthcare workers (HCWs) in primary care and ISHCP in England by former AT 2015 to 2016 compared with 2014 to 2015.



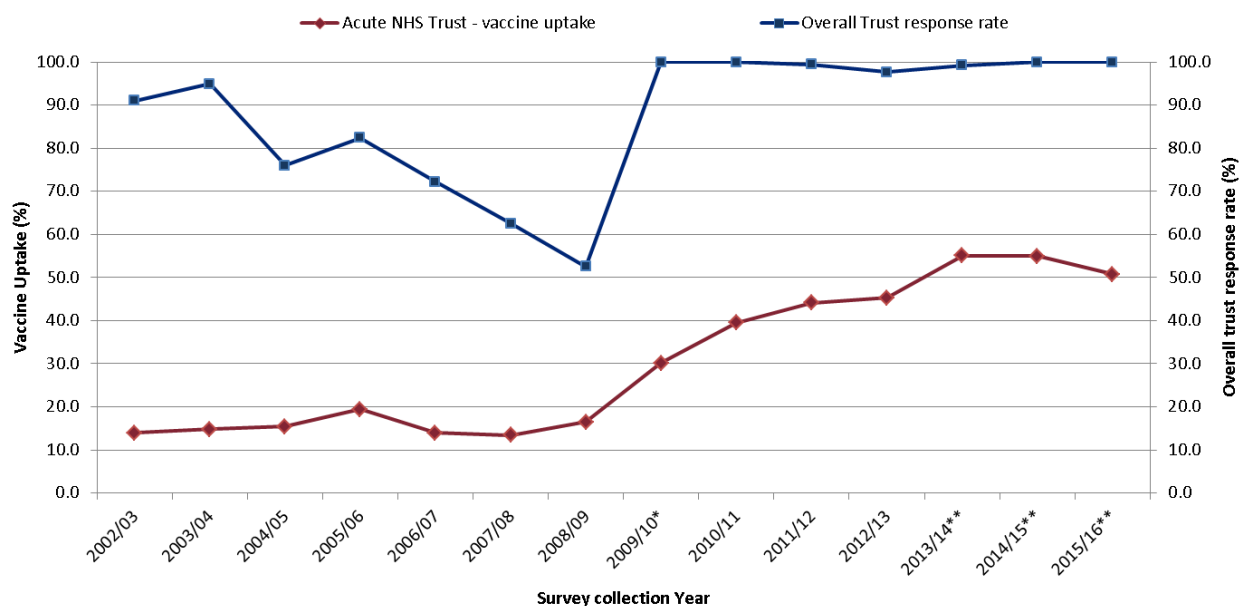
Vaccine uptake rates by trust

The median seasonal influenza vaccine uptake was 49.2%, with an interquartile range (IQR) of 39.6% to 60.4%. The highest seasonal influenza vaccine uptake reported by a trust was 83.5%, with 6.8% of all trusts (18/263) achieving vaccine uptake rates of 75% or more.

Vaccine uptake rates by trust type

Seasonal influenza vaccine uptake by trust type ranged from 42.9% for HCWs in ambulance trusts compared to 52.2% in primary care/ISHCP ([Table 2](#)). The uptake by trust type compared with rates achieved in 2014 to 2015 shows that uptake has decreased. Uptake by acute trusts (acute trusts, mental health trusts, care trusts, other NHS trusts) has also decreased in 2015 to 2016 compared to previous seasons (2014 to 2015). However, response rate remained consistent with the previous season at 100%.

Figure 5: Seasonal influenza vaccine uptake and response rate for acute trusts for season 2015 to 2016 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 2015 to 2016 compared to previous seasons up to 2012 to 2013.

Trust Type	Seasonal Influenza Vaccinations in healthcare Workers with direct patient care (HCWs) All Trusts comparison for season 2012/13 to 2015/16											
	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)			2015/16 Seasonal Influenza vaccine uptake (final cumulative data from 01/09/15 to 29/02/16)		
	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	841,105	380,898	45.3%	851,826	469,766	55.1%	853,762	469,738	55.0%	871,502	442,388	50.8%
Ambulance NHS Trust	31,378	10,721	34.2%	28,787	12,072	41.9%	30,530	13,651	44.7%	32,901	14,123	42.9%
Primary Care Trust	151,280	74,982	49.6%	–	–	–	-	-	-	–	–	–
Area Team	–	–	–	94,019	52,252	55.6%	103,018	58,368	56.7%	92,574	48,319	52.2%
Total Number of HCWs	1,023,763	466,601	45.6%	974,632	534,090	54.8%	987,310	541,757	54.9%	996,977	504,830	50.6%

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 2015 to 2016 influenza season recorded a seasonal influenza vaccine uptake of 50.6% amongst HCWs in England, a decrease in uptake by 4.3% (54.9% achieved in 2014 to 2015). Just under half (49.3%) of HCWs in direct contact with patients (approximately 489,290), did not receive the influenza vaccine this season. Since the last influenza season, the total number of trusts has decreased 267 to 263 trusts. This is mainly due to hospitals merging. Overall, the 2015 to 2016 season followed a similar trend to the previous two seasons.

Vaccine uptake by NHS trust shows a wide variation, with a small number of trusts (18) 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 FluFigghters⁵.

The 2015 to 2016 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 and, difficulty contacting ATs and data providers due to outdated contact details.

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 2016 to 2017 season to ensure effective participation, reporting and submission of data for future seasonal influenza surveys for healthcare workers.

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

UK studies have shown that the seasonal influenza vaccination lowers the risk of influenza infection^{6,7} and, when healthcare workers are vaccinated, lowers rates of influenza-like

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.

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.

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 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

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.

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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- 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
	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) and students.
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 bank nurses and students.
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>NHS infrastructure support – Staff directly involved in the day-to-day running of the organisation and its infrastructure</p>
<p>N/A – not relevant to this data collection as these groups not involved in direct patient care</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 – Staff working in direct support of GPs</p>
<p>Support to GP staff</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 2015 to 2016

The table below provides monthly data collection dates for trusts and Area Teams for the 2015 to 2016 programme.

Survey month	October 2015	November 2015	December 2015	January 2016	February 2016
Data should be provided on vaccinations given between the following dates (inclusive)	1 September to 31 October 2015	1 September to 30 November 2015	1 September to 31 December 2015	1 September to 2015 31 January 2016	1 September 2015 to 29 February 2016
Trusts	2 November to 10 November 2015	1 December to 9 December 2015	4 January to 14 January 2016	1 February to 09 February 2016	1 March to 09 March 2016
Area teams	2 November to 12 November 2015	1 December to 11 December 2015	4 January to 18 January 2016	1 February to 11 February 2016	1 March to 11 March 2016

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 five 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 2014 to 2015 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. 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 2015 to 2016

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

	(A) Number of HCWs involved in direct patient care on day of data extraction	(B) Number in (A) vaccinated since 1st Sept 2015	(C) % in (A) vaccinated since 1st Sept 2015
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 2015 to 2016

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 29 February 2016.

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																
RBL	WIRRAL UNIVERSITY TEACHING HOSPITAL NHS FOUNDATION TRUST	4543	3600	79.2	480	452	94.2	1552	1231	79.3	626	470	75.1	1885	1447	76.8
RBT	MID CHESHIRE HOSPITALS NHS FOUNDATION TRUST	3162	2101	66.5	254	190	74.8	1009	635	62.9	382	229	60.0	1517	1047	69.0
REN	THE CLATTERBRIDGE CANCER CENTRE NHS FOUNDATION TRUST	702	416	59.3	115	49	42.6	173	110	63.6	222	138	62.2	192	119	62.0
RJN	EAST CHESHIRE NHS TRUST	2966	1686	56.8	224	147	65.6	1053	604	57.4	565	328	58.1	1124	607	54.0
RJR	COUNTESS OF CHESTER HOSPITAL NHS FOUNDATION TRUST	3733	2731	73.2	290	290	100.0	1066	630	59.1	443	430	97.1	1934	1381	71.4
RTV	5 BOROUGHES PARTNERSHIP NHS FOUNDATION TRUST	2554	1404	55.0	92	75	81.5	949	492	51.8	419	266	63.5	1094	571	52.2
RWW	WARRINGTON AND HALTON HOSPITALS NHS FOUNDATION TRUST	2544	2076	81.6	299	280	93.7	1103	662	60.0	541	533	98.5	601	601	100.0

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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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.	%
RY7	WIRRAL COMMUNITY NHS TRUST	1185	708	59.8	22	12	54.6	671	408	60.8	194	126	65.0	298	162	54.4
ATQ44	CHESHIRE, WARRINGTON AND WIRRAL AREA TEAM HEALTH CARE WORKERS	4107	2730	66.5	1039	686	66.0	1031	788	76.4	66	47	71.2	1971	1209	61.3
RXA	CHESHIRE AND WIRRAL PARTNERSHIP NHS FOUNDATION TRUST	2519	1297	51.5	115	93	80.9	1204	558	46.4	359	260	72.4	841	386	45.9
DURHAM, DARLINGTON AND TEES																
RTR	SOUTH TEES HOSPITALS NHS FOUNDATION TRUST	7502	5642	75.2	692	680	98.3	2781	1984	71.3	1199	839	70.0	2830	2139	75.6
RVW	NORTH TEES AND HARTLEPOOL NHS FOUNDATION TRUST	4769	2072	43.5	506	251	49.6	1525	645	42.3	696	308	44.3	2042	868	42.5
RX3	TEES, ESK AND WEAR VALLEYS NHS FOUNDATION TRUST	4448	1741	39.1	267	155	58.1	1926	687	35.7	639	230	36.0	1616	669	41.4
RXP	COUNTY DURHAM AND DARLINGTON NHS FOUNDATION TRUST	7673	4063	53.0	630	345	54.8	2833	1269	44.8	857	323	37.7	3353	2126	63.4
ATQ45	DURHAM, DARLINGTON AND TEES AREA TEAM HEALTH CARE WORKERS	2089	1175	56.3	695	387	55.7	562	345	61.4	39	18	46.2	793	425	53.6
RBV	THE CHRISTIE NHS FOUNDATION TRUST	1570	1308	83.3	165	162	98.2	505	409	81.0	336	290	86.3	564	447	79.3
RM2	UNIVERSITY HOSPITAL OF SOUTH MANCHESTER NHS FOUNDATION TRUST	4820	2651	55.0	612	320	52.3	2004	989	49.4	781	410	52.5	1423	932	65.5

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			No.	%		No.	%		No.	%		No.	%		No.	%
RM3	SALFORD ROYAL NHS FOUNDATION TRUST	5508	2350	42.7	609	325	53.4	2044	709	34.7	886	414	46.7	1969	902	45.8
RMC	BOLTON NHS FOUNDATION TRUST	3860	1250	32.4	375	131	34.9	1899	604	31.8	460	169	36.7	1126	346	30.7
RMP	TAMESIDE HOSPITAL NHS FOUNDATION TRUST	2109	1297	61.5	238	147	61.8	795	459	57.7	229	131	57.2	847	560	66.1
RRF	WRIGHTINGTON, WIGAN AND LEIGH NHS FOUNDATION TRUST	2584	1442	55.8	377	164	43.5	1268	584	46.1	242	197	81.4	697	497	71.3
RT2	PENNINE CARE NHS FOUNDATION TRUST	4269	1835	43.0	161	98	60.9	2141	985	46.0	911	446	49.0	1056	306	29.0
RW3	CENTRAL MANCHESTER UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	7408	5319	71.8	871	485	55.7	3216	2049	63.7	1131	992	87.7	2190	1793	81.9
RW6	PENNINE ACUTE HOSPITALS NHS TRUST	8509	4603	54.1	467	379	81.2	2857	1478	51.7	2528	624	24.7	2657	2122	79.9
RWJ	STOCKPORT NHS FOUNDATION TRUST	3880	2567	66.2	327	281	85.9	1754	1125	64.1	630	361	57.3	1169	800	68.4
RXV	GREATER MANCHESTER WEST MENTAL HEALTH NHS FOUNDATION TRUST	3044	1015	33.3	96	63	65.6	922	325	35.3	610	243	39.8	1416	384	27.1
RY2	BRIDGEWATER COMMUNITY HEALTHCARE NHS TRUST	1949	891	45.7	87	37	42.5	1051	480	45.7	751	347	46.2	60	27	45.0
TAE	MANCHESTER MENTAL HEALTH AND SOCIAL CARE TRUST	1508	702	46.6	97	68	70.1	525	221	42.1	244	117	48.0	642	296	46.1

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			No.	%		No.	%		No.	%		No.	%		No.	%
RX7	NORTH WEST AMBULANCE SERVICE NHS TRUST	4539	2150	47.4	0	0	0.0	0	0	0.0	2128	898	42.2	2411	1252	51.9
ATQ46	GREATER MANCHESTER AREA TEAM HEALTH CARE WORKERS	878	635	72.3	330	232	70.3	159	125	78.6	10	8	80.0	379	270	71.2
LANCASHIRE																
RJX	CALDERSTONES PARTNERSHIP NHS FOUNDATION TRUST	737	384	52.1	16	9	56.3	182	79	43.4	54	52	96.3	485	244	50.3
RTX	UNIVERSITY HOSPITALS OF MORECAMBE BAY NHS FOUNDATION TRUST	3381	2655	78.5	387	260	67.2	1537	981	63.8	374	373	99.7	1083	1041	96.1
RW5	LANCASHIRE CARE NHS FOUNDATION TRUST	4872	2104	43.2	192	90	46.9	2296	901	39.2	843	433	51.4	1541	680	44.1
RXL	BLACKPOOL TEACHING HOSPITALS NHS FOUNDATION TRUST	5145	4011	78.0	370	300	81.1	2325	1612	69.3	983	878	89.3	1467	1221	83.2
RXN	LANCASHIRE TEACHING HOSPITALS NHS FOUNDATION TRUST	5500	2415	43.9	586	238	40.6	2170	859	39.6	767	356	46.4	1977	962	48.7
RXR	EAST LANCASHIRE HOSPITALS NHS TRUST	7001	5848	83.5	567	419	73.9	2507	1712	68.3	1953	1814	92.9	1974	1903	96.4
ATQ47	LANCASHIRE AREA TEAM HEALTH CARE WORKERS	2956	1759	59.5	790	465	58.9	548	370	67.5	50	33	66.0	1568	891	56.8
MERSEYSIDE																

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			No.	%		No.	%		No.	%		No.	%		No.	%
RBN	ST HELENS AND KNOWSLEY HOSPITALS NHS TRUST	3429	2626	76.6	408	317	77.7	1442	919	63.7	345	283	82.0	1234	1107	89.7
RBQ	LIVERPOOL HEART AND CHEST NHS FOUNDATION TRUST	1408	912	64.8	94	70	74.5	502	322	64.1	204	161	78.9	608	359	59.0
RBS	ALDER HEY CHILDREN'S NHS FOUNDATION TRUST	1670	1312	78.6	200	173	86.5	900	692	76.9	290	232	80.0	280	215	76.8
REM	AINTREE UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	4058	3052	75.2	410	371	90.5	1162	798	68.7	667	455	68.2	1819	1428	78.5
REP	LIVERPOOL WOMEN'S NHS FOUNDATION TRUST	1234	928	75.2	85	76	89.4	696	440	63.2	35	19	54.3	418	393	94.0
RET	THE WALTON CENTRE NHS FOUNDATION TRUST	994	715	71.9	153	87	56.9	420	265	63.1	175	121	69.1	246	242	98.4
RQ6	ROYAL LIVERPOOL AND BROADGREEN UNIVERSITY HOSPITALS NHS TRUST	4500	2922	64.9	710	239	33.7	1789	1004	56.1	829	511	61.6	1172	1168	99.7
RVY	SOUTHPORT AND ORMSKIRK HOSPITAL NHS TRUST	2371	1873	79.0	230	198	86.1	1080	736	68.2	483	387	80.1	578	552	95.5
RW4	MERSEY CARE NHS TRUST	2427	1714	70.6	84	65	77.4	849	609	71.7	312	202	64.7	1182	838	70.9
RY1	LIVERPOOL COMMUNITY HEALTH NHS TRUST	2256	1349	59.8	49	33	67.4	1295	794	61.3	345	208	60.3	567	314	55.4
ATQ48	MERSEYSIDE AREA TEAM HEALTH CARE WORKERS	1818	1203	66.2	595	428	71.9	302	212	70.2	19	14	73.7	902	549	60.9

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			No.	%		No.	%		No.	%		No.	%		No.	%
CUMBRIA, NORTHUMBERLAND, TYNE AND WEAR																
RE9	SOUTH TYNESIDE NHS FOUNDATION TRUST	3902	1916	49.1	220	158	71.8	1823	753	41.3	422	321	76.1	1437	684	47.6
RLN	CITY HOSPITALS SUNDERLAND NHS FOUNDATION TRUST	3658	2582	70.6	414	314	75.9	1623	1027	63.3	626	309	49.4	995	932	93.7
RNL	NORTH CUMBRIA UNIVERSITY HOSPITALS NHS TRUST	3493	2028	58.1	448	286	63.8	1487	816	54.9	452	277	61.3	1106	649	58.7
RNN	CUMBRIA PARTNERSHIP NHS FOUNDATION TRUST	2932	1260	43.0	111	50	45.1	1303	566	43.4	557	260	46.7	961	384	40.0
RR7	GATESHEAD HEALTH NHS FOUNDATION TRUST	3010	2006	66.6	343	270	78.7	1005	684	68.1	445	275	61.8	1217	777	63.8
RTD	THE NEWCASTLE UPON TYNE HOSPITALS NHS FOUNDATION TRUST	8436	4543	53.9	1298	692	53.3	4664	2121	45.5	830	694	83.6	1644	1036	63.0
RTF	NORTHUMBRIA HEALTHCARE NHS FOUNDATION TRUST	6274	3240	51.6	596	337	56.5	2763	1022	37.0	624	472	75.6	2291	1409	61.5
RX4	NORTHUMBERLAND, TYNE AND WEAR NHS FOUNDATION TRUST	4629	2944	63.6	339	176	51.9	1782	1193	67.0	604	359	59.4	1904	1216	63.9
RX6	NORTH EAST AMBULANCE SERVICE NHS FOUNDATION TRUST	2013	963	47.8	1	1	100.0	2	1	50.0	491	236	48.1	1519	725	47.7
ATQ49	CUMBRIA, NORTHUMBERLAND, TYNE AND WEAR AREA TEAM HEALTH CARE WORKERS	3137	1945	62.0	1161	728	62.7	713	473	66.3	29	19	65.5	1234	725	58.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
NORTH YORKSHIRE AND HUMBER																
RCB	YORK TEACHING HOSPITAL NHS FOUNDATION TRUST	6936	3402	49.1	830	360	43.4	2428	1043	43.0	1013	595	58.7	2665	1404	52.7
RCD	HARROGATE AND DISTRICT NHS FOUNDATION TRUST	2446	1317	53.8	306	162	52.9	995	527	53.0	469	267	56.9	676	361	53.4
RJL	NORTHERN LINCOLNSHIRE AND GOOLE HOSPITALS NHS FOUNDATION TRUST	3869	2736	70.7	377	324	85.9	1594	868	54.5	507	402	79.3	1391	1142	82.1
RV9	HUMBER NHS FOUNDATION TRUST	2112	732	34.7	64	16	25.0	1007	305	30.3	388	163	42.0	653	248	38.0
RWA	HULL AND EAST YORKSHIRE HOSPITALS NHS TRUST	6779	5154	76.0	1137	551	48.5	2597	1774	68.3	1372	1166	85.0	1673	1663	99.4
ATQ50	NORTH YORKSHIRE AND HUMBER AREA TEAM HEALTH CARE WORKERS	5909	2019	34.2	1221	558	45.7	1315	593	45.1	248	80	32.3	3125	788	25.2
SOUTH YORKSHIRE AND BASSETLAW																
RCU	SHEFFIELD CHILDREN'S NHS FOUNDATION TRUST	2101	998	47.5	269	127	47.2	834	409	49.0	346	162	46.8	652	300	46.0
RFF	BARNSELY HOSPITAL NHS FOUNDATION TRUST	2053	1365	66.5	232	205	88.4	899	495	55.1	287	183	63.8	635	482	75.9
RFR	THE ROTHERHAM NHS FOUNDATION TRUST	3185	1921	60.3	325	164	50.5	1332	597	44.8	582	311	53.4	946	849	89.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
RHQ	SHEFFIELD TEACHING HOSPITALS NHS FOUNDATION TRUST	10973	5415	49.4	1415	813	57.5	4114	2128	51.7	2051	892	43.5	3393	1582	46.6
RP5	DONCASTER AND BASSETLAW HOSPITALS NHS FOUNDATION TRUST	4701	3040	64.7	482	407	84.4	1777	1084	61.0	707	409	57.9	1735	1140	65.7
RXE	ROTHERHAM, DONCASTER AND SOUTH HUMBER NHS FOUNDATION TRUST	2796	1356	48.5	68	40	58.8	1207	448	37.1	404	209	51.7	1117	659	59.0
TAH	SHEFFIELD HEALTH AND SOCIAL CARE NHS FOUNDATION TRUST	2740	507	18.5	182	38	20.9	619	144	23.3	319	96	30.1	1620	229	14.1
ATQ51	SOUTH YORKSHIRE AND BASSETLAW AREA TEAM HEALTH CARE WORKERS	4584	2194	47.9	1151	578	50.2	673	327	48.6	50	10	20.0	2710	1279	47.2
WEST YORKSHIRE																
RAE	BRADFORD TEACHING HOSPITALS NHS FOUNDATION TRUST	4350	2693	61.9	682	431	63.2	1717	855	49.8	609	441	72.4	1342	966	72.0
RCF	AIREDALE NHS FOUNDATION TRUST	1604	968	60.4	277	139	50.2	673	414	61.5	249	150	60.2	405	265	65.4
RGD	LEEDS AND YORK PARTNERSHIP NHS FOUNDATION TRUST	1816	884	48.7	166	65	39.2	681	303	44.5	314	158	50.3	655	358	54.7
RR8	LEEDS TEACHING HOSPITALS NHS TRUST	11911	8982	75.4	2073	1367	65.9	3838	2815	73.4	2380	1575	66.2	3620	3225	89.1
RWY	CALDERDALE AND HUDDERSFIELD NHS FOUNDATION TRUST	4649	2478	53.3	525	234	44.6	1797	860	47.9	577	288	49.9	1750	1096	62.6

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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			No.	%		No.	%		No.	%		No.	%		No.	%
RXF	MID YORKSHIRE HOSPITALS NHS TRUST	5246	2373	45.2	845	343	40.6	2206	842	38.2	743	369	49.7	1452	819	56.4
RXG	SOUTH WEST YORKSHIRE PARTNERSHIP NHS FOUNDATION TRUST	3150	1038	33.0	168	74	44.1	1402	386	27.5	578	190	32.9	1002	388	38.7
RY6	LEEDS COMMUNITY HEALTHCARE NHS TRUST	2310	1496	64.8	78	51	65.4	1079	659	61.1	604	366	60.6	549	420	76.5
TAD	BRADFORD DISTRICT CARE TRUST (Trust based)	1912	1478	77.3	95	70	73.7	989	777	78.6	379	266	70.2	449	365	81.3
RX8	YORKSHIRE AMBULANCE SERVICE NHS TRUST	4344	1597	36.8	0	0	0.0	59	32	54.2	1592	643	40.4	2693	922	34.2
ATQ52	WEST YORKSHIRE AREA TEAM HEALTH CARE WORKERS	6866	3342	48.7	1976	1031	52.2	1813	913	50.4	919	121	13.2	2158	1277	59.2
ARDEN, HEREFORDSHIRE AND WORCESTERSHIRE																
R1A	WORCESTERSHIRE HEALTH AND CARE NHS TRUST	3041	1348	44.3	139	77	55.4	1193	401	33.6	465	289	62.2	1244	581	46.7
RJC	SOUTH WARWICKSHIRE NHS FOUNDATION TRUST	4236	2036	48.1	396	137	34.6	1422	710	49.9	657	360	54.8	1761	829	47.1
RKB	UNIVERSITY HOSPITALS COVENTRY AND WARWICKSHIRE NHS TRUST	5805	3711	63.9	908	579	63.8	2280	1131	49.6	1008	407	40.4	1609	1594	99.1
RLQ	WYE VALLEY NHS TRUST	2406	1579	65.6	292	205	70.2	989	571	57.7	442	298	67.4	683	505	73.9

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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			No.	%		No.	%		No.	%		No.	%		No.	%
RLT	GEORGE ELIOT HOSPITAL NHS TRUST	1669	851	51.0	241	123	51.0	684	328	48.0	163	79	48.5	581	321	55.2
RWP	WORCESTERSHIRE ACUTE HOSPITALS NHS TRUST	4899	2888	59.0	684	350	51.2	1936	856	44.2	760	331	43.6	1519	1351	88.9
RYG	COVENTRY AND WARWICKSHIRE PARTNERSHIP NHS TRUST	2969	1040	35.0	206	81	39.3	1080	413	38.2	636	218	34.3	1047	328	31.3
ATQ53	ARDEN, HEREFORDSHIRE AND WORCESTERSHIRE AREA TEAM HEALTH CARE WORKERS	711	467	65.7	276	185	67.0	173	113	65.3	7	6	85.7	255	163	63.9
BIRMINGHAM AND THE BLACK COUNTRY																
RBK	WALSALL HEALTHCARE NHS TRUST	2878	1198	41.6	404	141	34.9	1211	369	30.5	670	152	22.7	593	536	90.4
RL4	THE ROYAL WOLVERHAMPTON NHS TRUST	5004	3376	67.5	700	379	54.1	2143	1064	49.7	769	625	81.3	1392	1308	94.0
RLU	BIRMINGHAM WOMEN'S NHS FOUNDATION TRUST	1271	600	47.2	126	97	77.0	602	302	50.2	307	126	41.0	236	75	31.8
RNA	THE DUDLEY GROUP NHS FOUNDATION TRUST	3996	1046	26.2	505	124	24.6	1570	334	21.3	616	262	42.5	1305	326	25.0
RQ3	BIRMINGHAM CHILDREN'S HOSPITAL NHS FOUNDATION TRUST	2748	2262	82.3	416	353	84.9	1135	1027	90.5	518	374	72.2	679	508	74.8
RR1	HEART OF ENGLAND NHS FOUNDATION TRUST	8064	4989	61.9	1153	715	62.0	3297	1647	50.0	1058	626	59.2	2556	2001	78.3

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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			No.	%		No.	%		No.	%		No.	%		No.	%
RRJ	THE ROYAL ORTHOPAEDIC HOSPITAL NHS FOUNDATION TRUST	803	345	43.0	112	38	33.9	248	110	44.4	131	59	45.0	312	138	44.2
RRK	UNIVERSITY HOSPITALS BIRMINGHAM NHS FOUNDATION TRUST	6132	2194	35.8	1182	382	32.3	2566	849	33.1	860	509	59.2	1524	454	29.8
RXK	SANDWELL AND WEST BIRMINGHAM HOSPITALS NHS TRUST	4426	3245	73.3	775	530	68.4	1829	1148	62.8	802	564	70.3	1020	1003	98.3
RXT	BIRMINGHAM AND SOLIHULL MENTAL HEALTH NHS FOUNDATION TRUST	3050	904	29.6	287	132	46.0	1287	353	27.4	528	212	40.2	948	207	21.8
RYK	DUDLEY AND WALSALL MENTAL HEALTH PARTNERSHIP NHS TRUST	913	332	36.4	87	28	32.2	381	142	37.3	85	43	50.6	360	119	33.1
RYW	BIRMINGHAM COMMUNITY HEALTHCARE NHS TRUST	4040	1496	37.0	255	101	39.6	1503	574	38.2	780	288	36.9	1502	533	35.5
TAJ	BLACK COUNTRY PARTNERSHIP NHS FOUNDATION TRUST (Trust based)	1517	578	38.1	167	46	27.5	578	202	35.0	424	163	38.4	348	167	48.0
RYA	WEST MIDLANDS AMBULANCE SERVICE NHS TRUST	3908	1120	28.7	0	0	0.0	2	2	100.0	2429	690	28.4	1477	428	29.0
ATQ54	BIRMINGHAM AND THE BLACK COUNTRY AREA TEAM HEALTH CARE WORKERS	1262	774	61.3	484	310	64.1	262	186	71.0	16	9	56.3	500	269	53.8
DERBYSHIRE AND NOTTINGHAMSHIRE																
RFS	CHESTERFIELD ROYAL HOSPITAL NHS FOUNDATION TRUST	3152	2503	79.4	358	302	84.4	979	620	63.3	374	374	100.0	1441	1207	83.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
RHA	NOTTINGHAMSHIRE HEALTHCARE NHS TRUST	5681	2170	38.2	206	86	41.8	2573	961	37.4	885	382	43.2	2017	741	36.7
RK5	SHERWOOD FOREST HOSPITALS NHS FOUNDATION TRUST	3820	2420	63.4	519	313	60.3	1318	706	53.6	517	332	64.2	1466	1069	72.9
RTG	DERBY HOSPITALS NHS FOUNDATION TRUST	6577	4105	62.4	880	510	58.0	2462	1356	55.1	1025	618	60.3	2210	1621	73.3
RX1	NOTTINGHAM UNIVERSITY HOSPITALS NHS TRUST	9682	4140	42.8	1655	670	40.5	4348	1764	40.6	1314	628	47.8	2365	1078	45.6
RXM	DERBYSHIRE HEALTHCARE NHS FOUNDATION TRUST	2075	470	22.7	150	40	26.7	900	191	21.2	317	54	17.0	708	185	26.1
RY8	DERBYSHIRE COMMUNITY HEALTH SERVICES NHS TRUST	3435	1700	49.5	65	19	29.2	1275	587	46.0	692	310	44.8	1403	784	55.9
RX9	EAST MIDLANDS AMBULANCE SERVICE NHS TRUST	3120	1598	51.2	0	0	0.0	0	0	0.0	2339	1178	50.4	781	420	53.8
ATQ55	DERBYSHIRE AND NOTTINGHAMSHIRE AREA TEAM HEALTH CARE WORKERS	4133	2583	62.5	1411	936	66.3	1437	899	62.6	169	88	52.1	1116	660	59.1
EAST ANGLIA																
RCX	THE QUEEN ELIZABETH HOSPITAL, KING'S LYNN, NHS FOUNDATION TRUST	2784	1365	49.0	357	189	52.9	962	512	53.2	293	174	59.4	1172	490	41.8
RGM	PAPWORTH HOSPITAL NHS FOUNDATION TRUST	1512	996	65.9	207	103	49.8	684	430	62.9	243	172	70.8	378	291	77.0

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			No.	%		No.	%		No.	%		No.	%		No.	%
RGN	PETERBOROUGH AND STAMFORD HOSPITALS NHS FOUNDATION TRUST	3696	2329	63.0	471	276	58.6	1311	832	63.5	496	314	63.3	1418	907	64.0
RGP	JAMES PAGET UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	3137	1231	39.2	379	256	67.6	975	371	38.1	299	150	50.2	1484	454	30.6
RGQ	IPSWICH HOSPITAL NHS TRUST	2924	1610	55.1	510	210	41.2	1287	619	48.1	324	287	88.6	803	494	61.5
RGR	WEST SUFFOLK NHS FOUNDATION TRUST	3181	1713	53.9	345	199	57.7	958	465	48.5	360	214	59.4	1518	835	55.0
RGT	CAMBRIDGE UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	8023	4292	53.5	1193	562	47.1	2747	1403	51.1	2198	1142	52.0	1885	1185	62.9
RM1	NORFOLK AND NORWICH UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	6276	2994	47.7	912	474	52.0	2239	703	31.4	1019	543	53.3	2106	1274	60.5
RMY	NORFOLK AND SUFFOLK NHS FOUNDATION TRUST	3260	1032	31.7	243	99	40.7	1250	333	26.6	298	212	71.1	1469	388	26.4
RQQ	HINCHINGBROOKE HEALTH CARE NHS TRUST	1244	814	65.4	196	148	75.5	555	370	66.7	156	98	62.8	337	198	58.8
RT1	CAMBRIDGESHIRE AND PETERBOROUGH NHS FOUNDATION TRUST	3091	1914	61.9	166	111	66.9	1130	625	55.3	598	547	91.5	1197	631	52.7
RY3	NORFOLK COMMUNITY HEALTH AND CARE NHS TRUST	3147	1093	34.7	26	12	46.2	1158	292	25.2	568	282	49.7	1395	507	36.3

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			No.	%		No.	%		No.	%		No.	%		No.	%
RYV	CAMBRIDGESHIRE COMMUNITY SERVICES NHS TRUST	1324	784	59.2	83	49	59.0	667	263	39.4	230	170	73.9	344	302	87.8
RYC	EAST OF ENGLAND AMBULANCE SERVICE NHS TRUST	4723	1753	37.1	0	0	0.0	22	10	45.5	4376	1650	37.7	325	93	28.6
ATQ56	EAST ANGLIA AREA TEAM HEALTH CARE WORKERS	2030	1122	55.3	530	290	54.7	727	472	64.9	410	174	42.4	363	186	51.2
ESSEX																
RAJ	SOUTHEND UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	3440	1901	55.3	510	257	50.4	1269	569	44.8	515	332	64.5	1146	743	64.8
RDD	BASILDON AND THURROCK UNIVERSITY HOSPITALS NHS FOUNDATION TRUST	3281	1631	49.7	504	200	39.7	1358	634	46.7	321	131	40.8	1098	666	60.7
RDE	COLCHESTER HOSPITAL UNIVERSITY NHS FOUNDATION TRUST	3623	1845	50.9	504	231	45.8	1332	724	54.4	530	329	62.1	1257	561	44.6
RQ8	MID ESSEX HOSPITAL SERVICES NHS TRUST	4015	1547	38.5	733	324	44.2	1610	555	34.5	721	286	39.7	951	382	40.2
RQW	THE PRINCESS ALEXANDRA HOSPITAL NHS TRUST	2658	1257	47.3	441	186	42.2	885	328	37.1	319	239	74.9	1013	504	49.8
RRD	NORTH ESSEX PARTNERSHIP NHS FOUNDATION TRUST	1427	502	35.2	122	31	25.4	372	163	43.8	199	93	46.7	734	215	29.3
RWN	SOUTH ESSEX PARTNERSHIP UNIVERSITY NHS FOUNDATION TRUST	3144	953	30.3	47	28	59.6	1402	334	23.8	678	230	33.9	1017	361	35.5

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			No.	%		No.	%		No.	%		No.	%		No.	%
ATQ57	ESSEX AREA TEAM HEALTH CARE WORKERS	3120	1423	45.6	778	401	51.5	1011	424	41.9	243	66	27.2	1088	532	48.9
HERTFORDSHIRE AND THE SOUTH MIDLANDS																
RC1	BEDFORD HOSPITAL NHS TRUST	2428	1523	62.7	306	180	58.8	812	528	65.0	284	188	66.2	1026	627	61.1
RC9	LUTON AND DUNSTABLE HOSPITAL NHS FOUNDATION TRUST	2912	1668	57.3	625	300	48.0	1269	630	49.7	243	226	93.0	775	512	66.1
RD8	MILTON KEYNES HOSPITAL NHS FOUNDATION TRUST	3166	1855	58.6	403	229	56.8	998	566	56.7	296	179	60.5	1469	881	60.0
RNQ	KETTERING GENERAL HOSPITAL NHS FOUNDATION TRUST	3273	1427	43.6	464	191	41.2	1161	526	45.3	446	241	54.0	1202	469	39.0
RNS	NORTHAMPTON GENERAL HOSPITAL NHS TRUST	3610	2354	65.2	518	278	53.7	1468	678	46.2	473	378	79.9	1151	1020	88.6
RP1	NORTHAMPTONSHIRE HEALTHCARE NHS FOUNDATION TRUST	2415	1312	54.3	80	63	78.8	1225	557	45.5	355	301	84.8	755	391	51.8
RWG	WEST HERTFORDSHIRE HOSPITALS NHS TRUST	4034	1521	37.7	596	241	40.4	1421	487	34.3	538	241	44.8	1479	552	37.3
RWH	EAST AND NORTH HERTFORDSHIRE NHS TRUST	4585	2300	50.2	769	407	52.9	1767	720	40.8	417	192	46.0	1632	981	60.1
RWR	HERTFORDSHIRE PARTNERSHIP NHS FOUNDATION TRUST	2530	725	28.7	169	64	37.9	723	179	24.8	548	168	30.7	1090	314	28.8

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			No.	%		No.	%		No.	%		No.	%		No.	%
RY4	HERTFORDSHIRE COMMUNITY NHS TRUST	2291	1058	46.2	46	25	54.4	1056	350	33.1	630	365	57.9	559	318	56.9
ATQ58	HERTFORDSHIRE AND THE SOUTH MIDLANDS AREA TEAM HEALTH CARE WORKERS	2866	1669	58.2	817	453	55.5	567	373	65.8	64	42	65.6	1418	801	56.5
LEICESTERSHIRE AND LINCOLNSHIRE AREA TEAM																
RP7	LINCOLNSHIRE PARTNERSHIP NHS FOUNDATION TRUST	1320	472	35.8	122	18	14.8	515	117	22.7	236	124	52.5	447	213	47.7
RT5	LEICESTERSHIRE PARTNERSHIP NHS TRUST	4098	1925	47.0	132	110	83.3	1965	757	38.5	623	398	63.9	1378	660	47.9
RWD	UNITED LINCOLNSHIRE HOSPITALS NHS TRUST	5361	3431	64.0	850	361	42.5	2289	1435	62.7	597	516	86.4	1625	1119	68.9
RWE	UNIVERSITY HOSPITALS OF LEICESTER NHS TRUST	7896	4947	62.7	1826	898	49.2	3805	1863	49.0	531	525	98.9	1734	1661	95.8
RY5	LINCOLNSHIRE COMMUNITY HEALTH SERVICES NHS TRUST	1909	908	47.6	21	11	52.4	998	419	42.0	168	86	51.2	722	392	54.3
ATQ59	LEICESTERSHIRE AND LINCOLNSHIRE AREA TEAM HEALTH CARE WORKERS	5156	2917	56.6	1190	678	57.0	860	509	59.2	0	0	0.0	3106	1730	55.7
SHROPSHIRE AND STAFFORDSHIRE																
R1D	SHROPSHIRE COMMUNITY HEALTH NHS TRUST	1196	818	68.4	61	35	57.4	673	474	70.4	243	110	45.3	219	199	90.9

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			No.	%		No.	%		No.	%		No.	%		No.	%
R1E	STAFFORDSHIRE AND STOKE ON TRENT PARTNERSHIP NHS TRUST	4114	2110	51.3	90	36	40.0	1689	618	36.6	825	637	77.2	1510	819	54.2
RJE	UNIVERSITY HOSPITAL OF NORTH MIDLANDS NHS TRUST	9218	6996	75.9	1275	960	75.3	3730	2981	79.9	1327	937	70.6	2886	2118	73.4
RJF	BURTON HOSPITALS NHS FOUNDATION TRUST	2059	1509	73.3	318	146	45.9	1017	659	64.8	185	179	96.8	539	525	97.4
RL1	THE ROBERT JONES AND AGNES HUNT ORTHOPAEDIC HOSPITAL NHS FOUNDATION TRUST	1225	507	41.4	117	43	36.8	526	127	24.1	187	104	55.6	395	233	59.0
RLY	NORTH STAFFORDSHIRE COMBINED HEALTHCARE NHS TRUST	1170	533	45.6	44	21	47.7	439	172	39.2	215	204	94.9	472	136	28.8
RRE	SOUTH STAFFORDSHIRE AND SHROPSHIRE HEALTHCARE NHS FOUNDATION TRUST	2291	1218	53.2	140	84	60.0	876	352	40.2	545	502	92.1	730	280	38.4
RXW	SHREWSBURY AND TELFORD HOSPITAL NHS TRUST	4583	1984	43.3	573	233	40.7	1667	467	28.0	524	417	79.6	1819	867	47.7
ATQ60	SHROPSHIRE AND STAFFORDSHIRE AREA TEAM HEALTH CARE WORKERS	1625	997	61.4	534	333	62.4	393	251	63.9	16	12	75.0	682	401	58.8
BATH, GLOUCESTERSHIRE, SWINDON AND WILTSHIRE																
R1J	THE GLOUCESTERSHIRE CARE SERVICES NATIONAL HEALTH SERVICE TRUST	2396	871	36.4	39	28	71.8	960	340	35.4	493	190	38.5	904	313	34.6
RD1	ROYAL UNITED HOSPITAL BATH NHS TRUST	3972	1732	43.6	524	244	46.6	1424	589	41.4	684	340	49.7	1340	559	41.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
RN3	GREAT WESTERN HOSPITALS NHS FOUNDATION TRUST	4591	2197	47.9	619	304	49.1	1986	651	32.8	752	333	44.3	1234	909	73.7
RNZ	SALISBURY NHS FOUNDATION TRUST	2413	1007	41.7	360	167	46.4	1006	330	32.8	369	185	50.1	678	325	47.9
RTE	GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST	5943	2709	45.6	849	370	43.6	2248	976	43.4	908	513	56.5	1938	850	43.9
RTQ	2GETHER NHS FOUNDATION TRUST	1402	778	55.5	104	66	63.5	611	280	45.8	304	147	48.4	383	285	74.4
RVN	AVON AND WILTSHIRE MENTAL HEALTH PARTNERSHIP NHS TRUST	3020	1159	38.4	277	139	50.2	1068	290	27.2	449	179	39.9	1226	551	44.9
ATQ64	BATH, GLOUCESTERSHIRE, SWINDON AND WILTSHIRE AREA TEAM HEALTH CARE WORKERS	5164	2530	49.0	787	524	66.6	1362	659	48.4	626	272	43.5	2389	1075	45.0
BRISTOL, NORTH SOMERSET, SOMERSET AND SOUTH GLOUCESTERSHIRE																
RA3	WESTON AREA HEALTH NHS TRUST	1412	778	55.1	227	57	25.1	518	255	49.2	211	211	100.0	456	255	55.9
RA4	YEOVIL DISTRICT HOSPITAL NHS FOUNDATION TRUST	1770	909	51.4	321	160	49.8	648	334	51.5	185	91	49.2	616	324	52.6
RA7	UNIVERSITY HOSPITALS BRISTOL NHS FOUNDATION TRUST	6736	3158	46.9	1240	560	45.2	2700	1219	45.2	1222	437	35.8	1574	942	59.8
RBA	TAUNTON AND SOMERSET NHS FOUNDATION TRUST	3108	1456	46.9	470	268	57.0	1169	500	42.8	383	186	48.6	1086	502	46.2

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			No.	%		No.	%		No.	%		No.	%		No.	%
RH5	SOMERSET PARTNERSHIP NHS FOUNDATION TRUST	2837	1190	42.0	119	38	31.9	1206	302	25.0	591	295	49.9	921	555	60.3
RVJ	NORTH BRISTOL NHS TRUST	5138	1816	35.3	934	331	35.4	2511	817	32.5	583	267	45.8	1110	401	36.1
ATQ65	BRISTOL, NORTH SOMERSET, SOMERSET AND SOUTH GLOUCESTERSHIRE AREA TEAM HEALTH CARE WORKERS	4800	2794	58.2	1107	726	65.6	1546	866	56.0	376	228	60.6	1771	974	55.0
DEVON, CORNWALL AND ISLES OF SCILLY																
RA9	TORBAY AND SOUTH DEVON NHS FOUNDATION TRUST	4975	2536	51.0	455	215	47.3	1384	574	41.5	1086	399	36.7	2050	1348	65.8
RBZ	NORTHERN DEVON HEALTHCARE NHS TRUST	3698	1421	38.4	279	100	35.8	1328	387	29.1	597	281	47.1	1494	653	43.7
REF	ROYAL CORNWALL HOSPITALS NHS TRUST	3702	1462	39.5	625	260	41.6	1483	511	34.5	695	238	34.2	899	453	50.4
RH8	ROYAL DEVON AND EXETER NHS FOUNDATION TRUST	5476	2766	50.5	714	369	51.7	1900	922	48.5	727	359	49.4	2135	1116	52.3
RJ8	CORNWALL PARTNERSHIP NHS FOUNDATION TRUST	1437	300	20.9	69	34	49.3	659	113	17.2	208	46	22.1	501	107	21.4
RK9	PLYMOUTH HOSPITALS NHS TRUST	4435	2370	53.4	941	395	42.0	1914	754	39.4	533	341	64.0	1047	880	84.0
RWV	DEVON PARTNERSHIP NHS TRUST	1653	914	55.3	152	80	52.6	674	268	39.8	302	195	64.6	525	371	70.7

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			No.	%		No.	%		No.	%		No.	%		No.	%
RYF	SOUTH WESTERN AMBULANCE SERVICE NHS TRUST	2612	1109	42.5	0	0	0.0	0	0	0.0	1979	697	35.2	633	412	65.1
ATQ66	DEVON, CORNWALL AND ISLES OF SCILLY AREA TEAM HEALTH CARE WORKERS	8217	3543	43.1	1422	832	58.5	2682	1032	38.5	916	282	30.8	3197	1397	43.7
KENT AND MEDWAY																
RN7	DARTFORD AND GRAVESHAM NHS TRUST	2546	1516	59.5	360	209	58.1	1104	569	51.5	271	131	48.3	811	607	74.8
RPA	MEDWAY NHS FOUNDATION TRUST	2823	1214	43.0	561	152	27.1	1191	451	37.9	317	207	65.3	754	404	53.6
RVV	EAST KENT HOSPITALS UNIVERSITY NHS FOUNDATION TRUST	5737	2272	39.6	902	356	39.5	2260	731	32.4	583	445	76.3	1992	740	37.1
RWF	MAIDSTONE AND TUNBRIDGE WELLS NHS TRUST	4426	2021	45.7	662	289	43.7	1655	621	37.5	714	323	45.2	1395	788	56.5
RXY	KENT AND MEDWAY NHS AND SOCIAL CARE PARTNERSHIP TRUST	2650	1185	44.7	173	93	53.8	877	355	40.5	201	193	96.0	1399	544	38.9
RYY	KENT COMMUNITY HEALTH NHS TRUST	3780	1706	45.1	95	32	33.7	1677	495	29.5	778	311	40.0	1230	868	70.6
RYD	SOUTH EAST COAST AMBULANCE SERVICE NHS TRUST	2489	1529	61.4	0	0	0.0	0	0	0.0	2489	1529	61.4	0	0	0.0
ATQ67	KENT AND MEDWAY AREA TEAM HEALTH CARE WORKERS	5141	2524	49.1	1232	650	52.8	1180	554	47.0	261	128	49.0	2468	1192	48.3

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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.	%
SURREY AND SUSSEX																
RA2	ROYAL SURREY COUNTY HOSPITAL NHS FOUNDATION TRUST	2586	1003	38.8	550	148	26.9	934	407	43.6	525	288	54.9	577	160	27.7
RDR	SUSSEX COMMUNITY NHS TRUST	4133	1725	41.7	75	38	50.7	1509	601	39.8	937	377	40.2	1612	709	44.0
RDU	FRIMLEY HEALTH NHS FOUNDATION TRUST	6730	3321	49.4	1226	386	31.5	2728	1083	39.7	957	377	39.4	1819	1475	81.1
RPC	QUEEN VICTORIA HOSPITAL NHS FOUNDATION TRUST	972	478	49.2	137	49	35.8	215	106	49.3	138	57	41.3	482	266	55.2
RTK	ASHFORD AND ST PETER'S HOSPITALS NHS FOUNDATION TRUST	2575	978	38.0	545	112	20.6	946	264	27.9	476	187	39.3	608	415	68.3
RTP	SURREY AND SUSSEX HEALTHCARE NHS TRUST	3495	1732	49.6	553	257	46.5	1144	529	46.2	382	305	79.8	1416	641	45.3
RX2	SUSSEX PARTNERSHIP NHS FOUNDATION TRUST	2852	1052	36.9	528	87	16.5	971	275	28.3	340	159	46.8	1013	531	52.4
RXC	EAST SUSSEX HEALTHCARE NHS TRUST	4900	2021	41.2	586	152	25.9	1932	606	31.4	736	389	52.9	1646	874	53.1
RXX	SURREY AND BORDERS PARTNERSHIP NHS FOUNDATION TRUST	1584	462	29.2	161	69	42.9	583	144	24.7	369	150	40.7	471	99	21.0
RYR	WESTERN SUSSEX HOSPITALS NHS TRUST	4676	1681	36.0	738	251	34.0	1851	620	33.5	650	329	50.6	1437	481	33.5

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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.	%
ATQ68	SURREY AND SUSSEX AREA TEAM HEALTH CARE WORKERS	8252	3189	38.7	1570	903	57.5	2438	904	37.1	742	250	33.7	3502	1132	32.3
RXH	BRIGHTON AND SUSSEX UNIVERSITY HOSPITALS NHS TRUST**	5654	2797	49.5	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
THAMES VALLEY																
RHW	ROYAL BERKSHIRE NHS FOUNDATION TRUST	4669	2271	48.6	750	351	46.8	1713	864	50.4	556	277	49.8	1650	779	47.2
RNU	OXFORD HEALTH NHS FOUNDATION TRUST	3948	2013	51.0	313	150	47.9	1379	626	45.4	1092	472	43.2	1164	765	65.7
RTH	OXFORD UNIVERSITY HOSPITALS NHS TRUST	8788	5345	60.8	2195	1382	63.0	3842	2197	57.2	975	693	71.1	1776	1073	60.4
RWX	BERKSHIRE HEALTHCARE NHS FOUNDATION TRUST	3098	1985	64.1	196	129	65.8	1288	685	53.2	750	678	90.4	864	493	57.1
RXQ	BUCKINGHAMSHIRE HEALTHCARE NHS TRUST	5040	2478	49.2	632	336	53.2	1889	906	48.0	724	435	60.1	1795	801	44.6
RYE	SOUTH CENTRAL AMBULANCE SERVICE NHS TRUST	1858	567	30.5	32	4	12.5	16	16	100.0	1099	284	25.8	711	263	37.0
ATQ69	THAMES VALLEY AREA TEAM HEALTH CARE WORKERS	3987	2597	65.1	1441	912	63.3	877	641	73.1	62	34	54.8	1607	1010	62.9
WESSEX																

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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.	%
R1C	SOLENT NHS TRUST	2754	1333	48.4	191	97	50.8	984	456	46.3	690	341	49.4	889	439	49.4
R1F	ISLE OF WIGHT NHS TRUST	2439	820	33.6	250	95	38.0	883	270	30.6	399	185	46.4	907	270	29.8
RBD	DORSET COUNTY HOSPITAL NHS FOUNDATION TRUST	2379	1081	45.4	303	172	56.8	805	329	40.9	426	227	53.3	845	353	41.8
RD3	POOLE HOSPITAL NHS FOUNDATION TRUST	4089	1352	33.1	503	229	45.5	1192	398	33.4	631	320	50.7	1763	405	23.0
RDY	DORSET HEALTHCARE UNIVERSITY NHS FOUNDATION TRUST	4391	1250	28.5	163	63	38.7	1882	530	28.2	713	236	33.1	1633	421	25.8
RDZ	THE ROYAL BOURNEMOUTH AND CHRISTCHURCH HOSPITALS NHS FOUNDATION TRUST	4591	1712	37.3	596	217	36.4	1515	525	34.7	578	382	66.1	1902	588	30.9
RHM	UNIVERSITY HOSPITAL SOUTHAMPTON NHS FOUNDATION TRUST	8615	3989	46.3	1814	595	32.8	3348	1475	44.1	1296	588	45.4	2157	1331	61.7
RHU	PORTSMOUTH HOSPITALS NHS TRUST	6633	3827	57.7	914	578	63.2	2291	1429	62.4	756	431	57.0	2672	1389	52.0
RN5	HAMPSHIRE HOSPITALS NHS FOUNDATION TRUST	4348	2827	65.0	824	387	47.0	1800	873	48.5	545	541	99.3	1179	1026	87.0
RW1	SOUTHERN HEALTH NHS FOUNDATION TRUST	6711	1824	27.2	315	100	31.8	1963	624	31.8	748	383	51.2	3685	717	19.5
ATQ70	WESSEX AREA TEAM HEALTH CARE WORKERS	3766	2188	58.1	1397	780	55.8	1013	626	61.8	46	17	37.0	1310	765	58.4

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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.	%
LONDON																
R1H	BARTS HEALTH NHS TRUST	12806	3257	25.4	2347	834	35.5	4796	1129	23.5	1985	457	23.0	3678	837	22.8
R1K	LONDON NORTH WEST HEALTHCARE NHS TRUST	7628	2912	38.2	1208	497	41.1	3000	835	27.8	1167	497	42.6	2253	1083	48.1
RAL	ROYAL FREE LONDON NHS FOUNDATION TRUST	7377	2433	33.0	1560	424	27.2	2846	590	20.7	1166	404	34.7	1805	1015	56.2
RAN	ROYAL NATIONAL ORTHOPAEDIC HOSPITAL NHS TRUST	887	281	31.7	187	60	32.1	411	141	34.3	162	39	24.1	127	41	32.3
RAP	NORTH MIDDLESEX UNIVERSITY HOSPITAL NHS TRUST	2306	1108	48.1	504	263	52.2	1084	314	29.0	157	157	100.0	561	374	66.7
RAS	THE HILLINGDON HOSPITALS NHS FOUNDATION TRUST	2206	1398	63.4	360	180	50.0	814	469	57.6	295	144	48.8	737	605	82.1
RAT	NORTH EAST LONDON NHS FOUNDATION TRUST	4507	1172	26.0	269	48	17.8	1821	329	18.1	980	241	24.6	1437	554	38.6
RAX	KINGSTON HOSPITAL NHS TRUST	2853	1531	53.7	532	287	54.0	975	505	51.8	273	190	69.6	1073	549	51.2
RF4	BARKING, HAVERING AND REDBRIDGE UNIVERSITY HOSPITALS NHS TRUST	4470	2101	47.0	866	412	47.6	1987	715	36.0	439	298	67.9	1178	676	57.4
RJ1	GUY'S AND ST THOMAS' NHS FOUNDATION TRUST	8490	4932	58.1	1893	1024	54.1	4112	1987	48.3	1432	1028	71.8	1053	893	84.8

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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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	4915	1979	40.3	821	395	48.1	2223	649	29.2	708	301	42.5	1163	634	54.5
RJ6	CROYDON HEALTH SERVICES NHS TRUST	2497	1311	52.5	458	247	53.9	1125	593	52.7	414	235	56.8	500	236	47.2
RJ7	ST GEORGE'S HEALTHCARE NHS TRUST	6411	3445	53.7	1730	656	37.9	2838	1414	49.8	972	730	75.1	871	645	74.1
RJZ	KING'S COLLEGE HOSPITAL NHS FOUNDATION TRUST	7869	3214	40.8	2013	733	36.4	3752	1277	34.0	834	599	71.8	1270	605	47.6
RKE	THE WHITTINGTON HOSPITAL NHS TRUST	2694	1702	63.2	472	446	94.5	1245	583	46.8	774	475	61.4	203	198	97.5
RKL	WEST LONDON MENTAL HEALTH NHS TRUST	3090	712	23.0	254	64	25.2	883	186	21.1	452	107	23.7	1501	355	23.7
RNK	TAVISTOCK AND PORTMAN NHS FOUNDATION TRUST	608	122	20.1	55	6	10.9	22	5	22.7	307	47	15.3	224	64	28.6
RP4	GREAT ORMOND STREET HOSPITAL FOR CHILDREN NHS FOUNDATION TRUST	3614	1680	46.5	610	298	48.9	1302	740	56.8	657	329	50.1	1045	313	30.0
RP6	MOORFIELDS EYE HOSPITAL NHS FOUNDATION TRUST	1680	673	40.1	400	88	22.0	443	116	26.2	467	206	44.1	370	263	71.1
RPG	OXLEAS NHS FOUNDATION TRUST	2792	877	31.4	170	70	41.2	1213	378	31.2	718	205	28.6	691	224	32.4
RPY	THE ROYAL MARSDEN NHS FOUNDATION TRUST	3062	1798	58.7	387	258	66.7	1194	570	47.7	784	404	51.5	697	566	81.2

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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.	%
RQM	CHELSEA AND WESTMINSTER HOSPITAL NHS FOUNDATION TRUST	4269	2570	60.2	939	668	71.1	1921	828	43.1	529	340	64.3	880	734	83.4
RQX	HOMERTON UNIVERSITY HOSPITAL NHS FOUNDATION TRUST	3529	1570	44.5	475	388	81.7	1224	535	43.7	707	314	44.4	1123	333	29.7
RQY	SOUTH WEST LONDON AND ST GEORGE'S MENTAL HEALTH NHS TRUST	1626	627	38.6	256	112	43.8	587	183	31.2	466	151	32.4	317	181	57.1
RRP	BARNET, ENFIELD AND HARINGEY MENTAL HEALTH NHS TRUST		623	26.1	209	42	20.1	867	155	17.9	540	143	26.5	772	283	36.7
RRV	UNIVERSITY COLLEGE LONDON HOSPITALS NHS FOUNDATION TRUST	6193	3582	57.8	1195	789	66.0	2359	1171	49.6	1063	555	52.2	1576	1067	67.7
RT3	ROYAL BROMPTON AND HAREFIELD NHS FOUNDATION TRUST	3276	1524	46.5	790	202	25.6	1400	518	37.0	323	246	76.2	763	558	73.1
RV3	CENTRAL AND NORTH WEST LONDON NHS FOUNDATION TRUST	5056	1504	29.8	545	158	29.0	2100	478	22.8	1345	362	26.9	1066	506	47.5
RV5	SOUTH LONDON AND MAUDSLEY NHS FOUNDATION TRUST	4074	444	10.9	458	70	15.3	1344	136	10.1	967	179	18.5	1305	59	4.5
RVR	EPSOM AND ST HELIER UNIVERSITY HOSPITALS NHS TRUST	4126	2346	56.9	636	413	64.9	1542	760	49.3	458	266	58.1	1490	907	60.9
RWK	EAST LONDON NHS FOUNDATION TRUST	4590	954	20.8	401	102	25.4	1439	311	21.6	923	200	21.7	1827	341	18.7
RY9	HOUNSLOW AND RICHMOND COMMUNITY HEALTHCARE NHS TRUST	761	189	24.8	14	4	28.6	294	79	26.9	258	66	25.6	195	40	20.5

Seasonal influenza vaccine uptake among frontline healthcare workers England winter season 2015 to 2016

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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.	%
RYJ	IMPERIAL COLLEGE HEALTHCARE NHS TRUST	8935	2716	30.4	2283	465	20.4	3292	816	24.8	1152	461	40.0	2208	974	44.1
RYX	CENTRAL LONDON COMMUNITY HEALTHCARE NHS TRUST	2182	1003	46.0	74	37	50.0	935	369	39.5	505	282	55.8	668	315	47.2
TAF	CAMDEN & ISLINGTON MENTAL HEALTH AND SOCIAL CARE TRUST (Trust based)	1575	429	27.2	128	55	43.0	436	99	22.7	685	138	20.2	326	137	42.0
RRU	LONDON AMBULANCE SERVICE NHS TRUST	3295	1737	52.7	0	0	0.0	0	0	0.0	3295	1737	52.7	0	0	0.0
ATQ71	LONDON AREA TEAM HEALTH CARE WORKERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NB: This table excludes data from one trust as the breakdown by HCWs staff group was not provided.

Table 4: Seasonal influenza vaccine uptake in HCWs for all trusts by AT in England for 2015 to 2016 compared with 2014 to 2015

Geographical Area	2015/16						2014/15					
	Response Summary			Vaccine Uptake (%)			Response Summary			Vaccine Uptake (%)		
	No. of Organi-sations	No. of Organi-sations making a return	% of Organi-sations making a return	No. of HCWs with Direct Patient Care	Seasonal flu doses given since 1 September 2015	Vaccine Uptake (%)	No. of Organi-sations	No. of Organi-sations making a return	% of Organi-sations making a return	No. of HCWs with Direct Patient Care	Seasonal flu doses given since 1 September 2014	Vaccine Uptake (%)
NORTH OF ENGLAND	83	83	100.0	317,514	184,151	58.0	83.0	83.0	100.0	311536.0	195668.0	62.8
CHESHIRE, WARRINGTON AND WIRRAL	10	10	100.0	28,015	18,749	66.9	10	10	100.0	28,877	18,511	64.1
DURHAM, DARLINGTON AND TEES	5	5	100.0	26,481	14,693	55.5	5	5	100.0	26,265	17,199	65.5
GREATER MANCHESTER	15	15	100.0	56,435	30,015	53.2	15	15	100.0	56,476	34,354	60.8
LANCASHIRE	7	7	100.0	29,592	19,176	64.8	6	6	100.0	26,475	15,680	59.2
MERSEYSIDE	11	11	100.0	26,165	18,606	71.1	11	11	100.0	25,119	19,166	76.3
CUMBRIA, NORTHUMBERLAND, TYNE AND WEAR	10	10	100.0	41,484	23,427	56.5	11	11	100.0	43,379	25,630	59.1
NORTH YORKSHIRE AND HUMBER	6	6	100.0	28,051	15,360	54.8	6	6	100.0	27,888	16,695	59.9
SOUTH YORKSHIRE AND BASSETLAW	8	8	100.0	33,133	16,796	50.7	8	8	100.0	30,420	19,724	64.8
WEST YORKSHIRE	11	11	100.0	48,158	27,329	56.7	11	11	100.0	46,637	28,709	61.6
MIDLANDS AND EAST OF ENGLAND	81	81	100.0	279,814	144,853	51.8	81.0	81.0	100.0	279138.0	160569.0	57.5
ARDEN, HEREFORDSHIRE AND WORCESTERSHIRE	8	8	100.0	25,736	13,920	54.1	8	8	100.0	28,847	15,881	55.1
BIRMINGHAM AND THE BLACK COUNTRY	15	15	100.0	50,012	24,459	48.9	15	15	100.0	50,320	29,607	58.8
DERBYSHIRE AND NOTTINGHAMSHIRE	9	9	100.0	41,675	21,689	52.0	9	9	100.0	40,199	23,648	58.8
EAST ANGLIA	15	15	100.0	50,352	25,042	49.7	15	15	100.0	49,687	26,017	52.4
ESSEX	8	8	100.0	24,708	11,059	44.8	8	8	100.0	27,106	14,000	51.6
HERTFORDSHIRE AND THE SOUTH MIDLANDS	11	11	100.0	34,110	17,412	51.0	11	11	100.0	32,030	19,618	61.2
LEICESTERSHIRE AND LINCOLNSHIRE	6	6	100.0	25,740	14,600	56.7	6	6	100.0	25,277	14,557	57.6
SHROPSHIRE AND STAFFORDSHIRE	9	9	100.0	27,481	16,672	60.7	9	9	100.0	25,672	17,241	67.2
LONDON	37	37	100.0	148,637	60,456	40.7	38.0	38.0	100.0	141318.0	61116.0	43.2
LONDON	37	37	100.0	148,637	60,456	40.7	38	38	100.0	141,318	61,116	43.2
SOUTH OF ENGLAND	62	62	100.0	251,012	115,370	46.0	65.0	65.0	100.0	255318.0	124404.0	48.7
BATH, GLOUCESTERSHIRE, SWINDON AND WILTSHIRE	8	8	100.0	28,901	12,983	44.9	9	9	100.0	28,696	13,706	47.8
BRISTOL, NORTH SOMERSET, SOMERSET AND SOUTH GLOUCESTERSHIRE	7	7	100.0	25,801	12,101	46.9	7	7	100.0	25,207	13,595	53.9
DEVON, CORNWALL AND ISLES OF SCILLY	9	9	100.0	36,205	16,421	45.4	10	10	100.0	40,112	16,839	42.0
KENT AND MEDWAY	8	8	100.0	29,592	13,967	47.2	8	8	100.0	30,463	14,398	47.3
SURREY AND SUSSEX	12	12	100.0	48,409	20,439	42.2	12	12	100.0	45,361	20,254	44.7
THAMES VALLEY	7	7	100.0	31,388	17,256	55.0	8	8	100.0	34,961	20,231	57.9
WESSEX	11	11	100.0	50,716	22,203	43.8	11	11	100.0	50,518	25,381	50.2
England	263	263	100	996977	504830	50.6	267	267	100	987310	541757	54.9