

COVID-19 frontline healthcare workers vaccine uptake survey 2020 to 2021 guidance

ImmForm user guide for survey data providers

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Introduction

In December 2020, the COVID-19 vaccination programme commenced, with frontline health and social care workers among the first cohorts eligible to receive the vaccine. COVID-19 vaccine uptake data will be collected by Public Health England on frontline healthcare workers (HCWs) involved with direct patient care from all NHS Trusts, including Acute, Mental Health, Ambulance, Community and Foundation Trusts. Data will also be collected from GP Practices and Independent Sector Health Care Providers (ISHCPs), which will be submitted by their local NHS England or Screening and Immunisations Team, at Sustainability and Transformation Partnership (STP)-level.

All Trusts are responsible for submission of their data, including data on the vaccination of frontline HCWs in healthcare-providing organisations from which they commission services. Data will be collected via ImmForm and broken down by occupational staff grouping. Staff definitions will remain the same as the seasonal influenza vaccine uptake survey and are consistent with NHS national workforce census definitions. Definitions can be found at Annexe A.

Cumulative data will be collected monthly on vaccinations administered from December 2020. This survey began on a fortnightly basis, however as of January 2021 this has been reduced to run on a monthly basis.

A separate data collection tool is also provided for Local NHS England Teams and Screening and Immunisations Teams to use if they wish to facilitate their collection of uptake data for non-Trust frontline HCWs from GP Practices and ISHCPs. Please note it is an optional tool in order to collate uptake data from GP practices. UKHSA will not be collating this data.

1. Guidance for the COVID-19 vaccination programme

The Joint Committee on Vaccination and Immunisation (JCVI) has advised that the first priorities for any COVID-19 vaccination programme should be the prevention of COVID-19 mortality and the protection of health and social care staff and systems. <u>Further information on priority groups</u> for the COVID-19 vaccination programme is available online.

1.1 Why vaccination of frontline healthcare workers (HCWs) is important

Frontline health and social care workers are at increased personal risk of exposure to infection with COVID-19 and of transmitting that infection to susceptible and vulnerable patients in health and social care settings. As such, healthcare workers have been defined as a high priority group for vaccination. Protecting them protects the health and social care service and recognises the risks that they face in this service. Even a small reduction in transmission arising from vaccination would add to the benefits of vaccinating this population, by reducing transmission from health and social care workers to multiple vulnerable patients and other staff members¹. Vaccinating frontline HCWs could also protect them and their families from infection.

2. General questions and answers

2.1 Requirement to submit this data

The HCW's COVID-19 vaccine uptake data survey is a vital part of COVID-19 surveillance in England and provides important information to assist with the implementation of the vaccination campaign locally, regionally and nationally. As such it is highly important that this data is collected accurately and in a timely manner.

We understand that many organisations are also submitting a feed of COVID-19 vaccination count data via other point-of-vaccination systems. The COVID-19 Frontline Healthcare Workers Vaccine Uptake Survey is currently the only survey which allows collection of data on frontline healthcare workers vaccinated, broken down by occupational staff grouping. As such, it is necessary for this survey to run in parallel to other feeds of COVID-19 vaccination data at this stage.

¹ Priority groups for coronavirus (COVID-19) vaccination: advice from the JCVI, 2 December 2020 (Updated 2 December 2020)

2.2 Which staff groups you should collect data on

Vaccine uptake data is collected on all frontline HCWs who provide direct patient care and/or have contact with patients. For a detailed list of the frontline HCWs that are included in the survey see Annexe A.

Data on GP practice staff and from ISHCPs will be collected by local NHS England or Screening and Immunisations Teams with the option of using the data collection tool (see <u>Section 1</u>). Staff group definitions are identical to NHS Workforce Census definitions and are described in detail in <u>Annexe A</u>. Please refer to the <u>COVID-19 chapter of the Green Book</u> for more information on the clinical guidance on what immunisations should be given. Students and trainees in these disciplines and volunteers who are working with patients should also be included.

2.2.1 Setting the denominator baseline

Table 1. Individuals that should and should not be included in the denominator baseline

Criteria	Include or do not include
All doctors with patient contact	Include
Qualified nurses with patient contact	Include
 All other professionally qualified clinical staff with patient contact: qualified scientific, therapeutic and technical staff (ST&T) qualified allied health professionals (AHPs) other qualified ST&T qualified ambulance staff 	Include
Support to clinical staff with patient contact	Include
Support to GP staff with patient contact	Include
Students or staff in training with patient contact	Include
Agency or bank staff (minimum one shift) with patient contact	Include
Ward clerks and porters with patient contact	Include
Ambulance technicians and support workers with patient contact	Include
Staff employed by a third party with patient contact	Include
Staff working in an office with no patient contact	Do not include
Social care workers	Do not include
Staff out of the Trust for the whole of the vaccination period (for example, maternity leave or long-term sickness)	Do not include

2.2.2 Updating the numerator and denominators monthly

vaccination (numerators) should be recorded via the ImmForm monthly survey collection. Two numerators for each staff category are reported. 'Number of HCWs vaccinated with at least one dose' will include **all** healthcare workers who have begun to receive COVID-19 vaccinations, while 'Number of HCWs vaccinated with at least 2 doses' will include the number of healthcare workers who have received both doses of vaccine.

Data providers will also be able to update their denominators to take into consideration frontline healthcare workers who start working with (starters) or leave (leavers) a provider during the vaccination campaign. Therefore, providers should record monthly numerators and denominators which are the most up to date to maintain accurate COVID-19 vaccine uptake rates. The table below clarifies individuals who receive a vaccination that should and should not be included in the numerator and denominator each month.

Table 2. Individuals who receive a vaccination that should be added or removed from the numerator and denominator each month

			who receive a v added or remo numerator	accination that wed from the	Individuals th	at should be added denominato	or removed from the
			Numerator		Denominator		
	Criteria	Add	Remove	Do not add	Add	Remove	Do not remove
	All doctors with patient contact	Add					Do not remove
	Qualified nurses with patient contact	Add					Do not remove
	All other professionally qualified clinical staff with patient contact: • qualified scientific, therapeutic and technical staff (ST&T) • qualified allied health professionals (AHPs) • other qualified ST&T • qualified ambulance staff	Add					Do not remove
	Support to clinical staff with patient contact	Add					Do not remove
Currently	Support to GP staff with patient contact	Add					Do not remove
working in	Students or staff in training with patient contact	Add					Do not remove
the Trust	Agency or bank staff (minimum one shift) with patient contact	Add					Do not remove
	Ward clerks and porters with patient contact	Add					Do not remove
	Ambulance technicians and support workers with patient contact	Add					Do not remove
	Staff employed by a third party with patient contact	Add					Do not remove
	Staff member categorically states they do not want a vaccine			Do not add			Do not remove
	Staff who decline the vaccine for health reasons			Do not add			Do not remove
	Staff vaccinated at the Trust but leave the trust during the vaccination period (Leavers)		Remove			Remove	
Leavers and starters	Staff arrives at the Trust during the vaccination period and receives vaccination (Starter)	Add		_	Add		
	Staff arrives at the Trust during the vaccination period and was vaccinated at another Trust (Starter)	Add			Add		

Permanent staff covering one or more bank shifts, for the same trust, should not be double counted in the collection. Therefore, these staff should only be included once in the denominator and numerator as permanent staff.

2.3 Vaccine uptake data is not being collected from social care workers

Vaccine uptake data on social care workers is not collected by this data collection.

2.4 Vaccines delivered to HCWs outside the Trust should still be counted towards the Trust's vaccine uptake

While vaccination will be offered to all frontline HCWs within a Trust, some staff members may seek vaccination elsewhere (for example, in other Trusts, PCNs). In this case, frontline HCWs are requested to report back to their Trust regarding their vaccination status. Trusts should record this in staff records, and therefore vaccination outside the Trust still contributes to the overall recorded vaccination coverage of Trust staff. Trusts who are currently vaccinating their own staff as well as staff from other Trusts should record only their own staff in the Trust's data return.

This also applies to staff members within clinical risk groups, who may be eligible for vaccination elsewhere. These staff members should also report their vaccination status back to their Trust.

Please note: the ImmForm frontline HCW data collection tool is a manual collection and does not allow the extraction of information from information systems on frontline HCWs vaccinated outside of their Trust.

2.5 Trust staff members who are absent from work for the entire period of the vaccination campaign should not be included in the Trust's reporting

Staff who are not present at work in person for reasons such as maternity leave, long term sick leave or home working, will not be in direct patient contact. They therefore should not be included in the denominators and numerators for the Trust.

2.6 Staff not directly employed by the Trust should be included in the Trust's reporting

The staff employed by a third party working within the Trust, who have direct patient contact and/or fall into staff groups (definitions can be found in <u>Annexe A</u>) should be included in the Trust's denominator and numerator.

2.7 A Trust can sometimes report vaccine uptake data for another Trust

In some cases, one Trust may have agreements to vaccinate staff working within another Trust. Despite this, vaccine uptake data must be reported at the **individual** Trust level. All Trusts are registered on ImmForm, although not all Trusts have a registered data provider contact. A Trust may only report for another Trust if they have both agreed for a registered data provider contact to submit the other Trust's data, and data must be reported **separately** for each Trust.

2.8 Who needs to provide vaccine uptake data

NHS England Teams and Screening and Immunisation Teams will be able to access the survey, as can Trust HCW data provider contacts. New data provider contacts can also be registered at any time (see section 4 for more information).

2.9 The ImmForm staff groups are not the same as the staff groups in ESR

ImmForm groups do not directly correspond to ESR workforce groups but can broadly be classified as per the table below:

ImmForm staff groups	ESR staff groups
All doctors (excluding GPs)	Medical and dental (excluding GPs)
GPs only	Medical and Dental (GPs only)
Qualified nurses, midwives and health visitors (excluding GP practice nurses)	Nursing and midwife registered (excluding GP practice nurses)
GP practice nurses	Nursing and midwife registered (GP practice nurses only)
All other professionally qualified clinical staff which comprises:	Additional professional scientific and technical staff Allied health professionals

ImmForm staff groups	ESR staff groups
 qualified scientific, therapeutic and technical staff (ST&T) 	
 qualified allied health professionals (AHPs) 	
other qualified ST&T	
qualified ambulance staff	
Support to clinical staff which comprises:	Additional clinical services
 support to doctors (excluding GPs) 	
and nurses	Administrative and clerical
support to ST&T staff	
support to ambulance staff	Estates and ancillary
Support to CD staff	Additional clinical services (in GP practices)
Support to GP staff	Administrative and clerical (in GP practices)

3. Data collection dates

3.1 Data collection schedule

Please see below for collection dates for this survey. If further collections are required after these dates, colleagues will be informed. Please note that this survey began with fortnightly collections which ran in December 2020 and January 2021. Reporting frequency has now been reduced to monthly, as per the schedule below.

Survey month	Data up to date	Survey start date	Survey end date for trusts and GPs	Survey end date for NHS England and screening and immunisation teams
January	Sun 24 January 2021	Mon 25 January2021	Tue 2 February 2021	Thu 4 February 2021
February	Sun 28 February 2021	Mon 1 March 2021	Tue 9 March 2021	Thu 11 March 2021
March	Wed 31 March 2021	Tue 1 April 2021	Fri 9 April 2021	Tue 13 April 2021
April	Fri 30 April 2021	Mon 3 May 2021	Tue 11 May 2021	Thu 13 May 2021
May	Mon 31 May 2021	Tue 1 June 2021	Wed 9 June 2021	Fri 11 June 2021
June	Wed 30 June 2021	Thu 1 July 2021	Fri 9 July 2021	Tue 13 July 2021
July	Sat 31 July 2021	Mon 2 August 2021	Tue 10 August 2021	Thu 12 August 2021
August	Tue 31 August 2021	Wed 1 September 2021	Thu 9 September 2021	Mon 13 September 2021

4. ImmForm

ImmForm provides a secure platform for vaccine uptake data collection for several immunisation surveys, including the HCWs COVID-19 vaccine uptake survey. ImmForm is a service for NHS customers provided by UKHSA. ImmForm is easy to access, is password protected, and allows Screening and Immunisation Teams, NHS England Teams, Trusts and GPs or Independent Sector Healthcare Providers to submit, analyse and review their vaccine uptake data. The platform will be used for data collection for this survey, except for the first collection in December 2020.

For more information about how to register and use ImmForm, please refer to the ImmForm Help Guides which can be found online and on the ImmForm home page once you are registered. Any issues with accessing your ImmForm account can be raised with the ImmForm helpdesk team at helpdesk@immform.org.uk

5. Survey data set

The data set for the COVID-19 (HCWs) vaccine uptake collection is as per this screenshot.

Survey Form							
To record any changes you make to this form, press the submit button							
1. NHS Organisation Type							
Acute NHS Trust Ambulance NHS Trust NHS England Healthcare Workers Care Trust (NHS Trust based) Mental Health NHS Trust							
2. Foundation Trust Status							
O Foundation Trust O Non-Foundation Trust							
3. Number of HCWs Vaccinated by Occupation	(HCWs Involved with DIR	ECT Patient Care ONLY)				
Occupation (HCWs that have left the Trust should be excluded from this section)	No. of HCWs involved with direct patient care	No. of HCWs vaccinated v at least one dose	with Vaccine Uptake (%)	No. of HCWs vaccinated with at least two doses	Vaccine Uptake (%)		
All Doctors (excluding GPs)							
GPs only							
Qualified Nurses, midwives and health visitors (excluding GP Practice Nurses)							
Qualified Nurses, midwives and health visitors (GP Practice Nurses only)							
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							
Support to Clinical Staff, which comprises of:-							
Support to doctors (excluding GPs) & nurses Support to ST&T staff Support to ambulance staff					_		
Support to GP staff e.g. receptionists; practice managers; students and trainees (
Total Number of HCWs involved with Direct Patient Care	0	0		0			
4. For Trusts with Hospitals Only (Optional)							
How many hospitals are there in this trust?							
Of the hospitals in the trust, how many provided data?							
5. Comments (Optional)							
6. Your Covid-19 vaccination campaign status?							
O We have finished our covid-19 vaccination campaign so these data can be regarded as final. O Our covid-19 vaccination campaign is still in progress; we will provide updated data r							
Audit Records Date of ActionUserAction							

5.1 Survey overview

The survey is cumulative; data submitted should be on vaccinations given from 1 December 2020 until the end of the survey month at the dates specified (inclusive of both dates) and not just on vaccinations given since the previous month's survey.

As some Trusts may finish their vaccination programme before the final collection, there is an option on the survey form that allows Trusts to indicate that their programme has been completed.

If the 'We have finished our COVID-19 vaccination campaign so this data can be regarded as final' box is selected, Trusts will not have to submit data for remaining collection periods unless their data changes, for example after the vaccination of new staff that may have recently joined the Trust. The last submitted data will be carried forward as their final data.

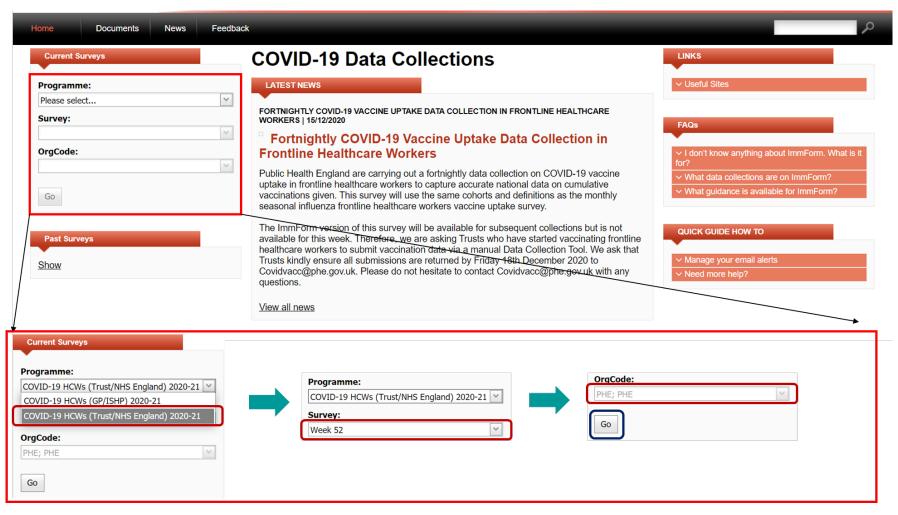
If Trusts have finished their campaign, but do not select the box to indicate their programme has been completed and do not submit the data that is rolled-over from the previous collection, or submit updated data, they will appear as a 'non-responder' for the following survey. Data will not be carried forward, and they will be required to re-submit all data fields for that survey period.

Apart from the first survey (data up to 13 December 2020), the data will be collected via ImmForm. No email or fax submissions will be accepted.

5.2 Entering data onto the survey form

5.2.1 Accessing the survey form

Once you have successfully logged onto ImmForm, the homepage shown below will appear.



To enter data for the healthcare workers survey, follow these steps:

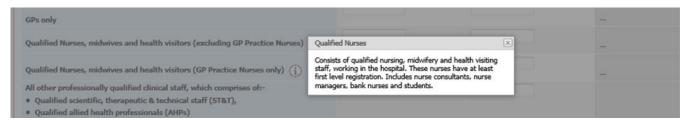
- 1. Select 'COVID-19 HCWs (Trust/NHS England)' from the 'Programme' dropdown menu.
- 2. Select the month you are inputting the data for from the 'Survey' drop down menu.
- 3. From the 'OrgCode' drop down menu, select your STP.
- 4. Click 'Go'.
- 5. To finish, click on the name of your Trust to open the survey for completion.

5.2.2 Entering and amending data

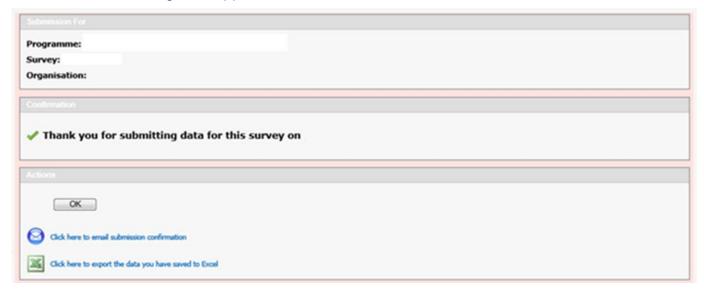
The following data entry screen will display once your Trust has been selected.

Survey Form						
? To record any changes you make to this form, press the submit button						
1. NHS Organisation Type						
O Acute NHS Trust O Ambulance NHS Trust O NHS England Healthcare Workers O Care Trust (NHS Trust based) O Mental Health NHS Trust O Other NHS Trust						
2. Foundation Trust Status						
O Foundation Trust Non-Foundation Trust						
3. Number of HCWs Vaccinated by Occupation	(HCWs Involved with DIR	ECT Patient Care ONLY)				
Occupation (HCWs that have left the Trust should be excluded from this section)	No. of HCWs involved with direct patient care	No. of HCWs vaccinated with at least one dose	Vaccine Uptake (%)	No. of HCWs vaccinated with at least two doses	Vaccine Uptake (%)	
All Doctors (excluding GPs)						
GPs only						
Qualified Nurses, midwives and health visitors (excluding GP Practice Nurses)						
Qualified Nurses, midwives and health visitors (GP Practice Nurses only)						
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						
Support to Clinical Staff, which comprises of:-						
Support to doctors (excluding GPs) & nurses Support to ST&T staff Support to ambulance staff						
Support to GP staff e.g. receptionists; practice managers; students and trainees (
Total Number of HCWs involved with Direct Patient Care	0	0		0		
4. For Trusts with Hospitals Only (Optional)						
How many hospitals are there in this trust?						
Of the hospitals in the trust, how many provided data?						
5. Comments (Optional)						
6. Your seasonal Covid-19 vaccination campaign status?						
O We have finished our covid-19 vaccination campaign so these data can be regarded as final. O Our covid-19 vaccination campaign is still in progress; we will provide updated data next month						
Audit Records Date of ActionUserAction						

The information box will provide the definition of the occupation as shown in this screenshot.



To access the HCWs user-guide from the survey, click on the 'Help' button. A confirmation message will appear once the data has been submitted.



The option of extracting the data submitted is available here by clicking on the 'Click here to export the data you have saved to Excel' link.

Click 'OK' to go back to the home page.

The option of extracting the data submitted is available here by clicking on the 'Click here to export the data you have saved to Excel' link.

Click 'OK' to go back to the home page.

5.3 Possible issues

5.3.1 Unable to enter data because the survey is read-only

If you are unable to enter data because the survey is read-only, it means that the HCWs data entry window has not opened yet; that is, you are trying to enter data before the current survey month ends OR the submission window has ended. Data cannot be entered after the deadline.

5.3.2 When I press submit, a data validation error comes up

There may be several reasons why the data entered fails the validation checks. The error message will indicate what the problem is. See example below. (The affected field will be highlighted with a red asterisk).

"There has been a problem submitting your survey data. The following problems have been encountered:"

The following data fields failed validation checks:

Number of HCWs involved with Direct Patient Care must be equal to the sum of: Number of All Doctors (excluding GPs), Number of GPs Only, Number of Qualified Nurses, Number of GP Practice Nurses, Number of other professionally qualified clinical staff, Number of Support to Clinical Staff, Number of Support to GP staff. Please amend this value.

Please note that Section 1 'NHS Organisation Type ' and Section 2 'Foundation Trust Status' must be completed before you can submit your data.

5.4 Keeping up-to-date on the latest survey news

ImmForm News is a section loaded in the centre of the ImmForm home page that enables us to communicate timely survey information to data providers, such as answers to general queries. The news section can also be accessed by clicking on 'News' in the top menu bar.

6. Contacts

6.1 COVID-19 (HCWs) vaccine uptake survey queries

If you have any questions regarding the COVID-19 (HCWs) vaccine uptake data collection process that are not addressed other guidance, please use the feedback email function on the ImmForm website or email at Covidvacc@phe.gov.uk

Every attempt is made to respond to all queries received via this mailbox as quickly as possible, but please bear in mind there is sometimes a large volume of calls and email queries received. As a result, there may be delays in responding. However, it is always best to email to ensure an adequate response is received.

6.2 Login and password reminders

If you have registered and used ImmForm previously, it is likely that your login will still be valid. You can request a password reminder directly from ImmForm.

6.3 ImmForm support and registering new contacts

For ImmForm support, to register new contacts, and to provide general ImmForm feedback, please contact helpdesk@immform.org.uk

7. Annexe A. Data item to workforce definition mapping

Please note GPs and GP practice nurses are separated further within the data set on the ImmForm website. See the data set at section 5.

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, including: consultant registrars senior house officers foundation years 1 and 2 staff staff grades associate specialists clinical assistants and hospital practitioners students				
Qualified Nurses	Qualified nurses including practice nurses – this group consists of qualified nursing, midwifery and health visiting staff, working in the hospital, community services and general practice. These nurses have at least first level registration. They include: • nurse consultants • nurse managers • bank nurses • students				
All other professionally qualified clinical staff. This comprises:	Qualified scientific, therapeutic & technical staff (ST&T) – qualified health professionals and students including: consultant therapists ST&T managers healthcare scientists				

Data Item	Definitions of staff groups
 qualified scientific, therapeutic & 	These staff work alongside doctors, nurses and other health professionals and are categorised into the two groups AHPs and AT&T, described below.
trierapeutic & technical staff (ST&T) qualified allied health professionals (AHPs) other qualified ST&T qualified ambulance staff	Qualified AHPs – qualified allied health professionals (AHPs) and students are the following staff: chiropodists or podiatrists dieticians occupational therapists orthoptists radiographers art, music and drama therapists speech and language therapists In primary care, AHPs work in teams with GPs, nurses and other professionals, such as social workers, to provide quick and effective care for patients without the need for them to go into hospital. Other qualified ST&T – other qualified health professionals includes: healthcare scientists pharmacists students These are 'other staff' working in key professional roles. Qualified ambulance staff – the staff includes: ambulance paramedics technicians emergency care practitioners ambulance service managers From 2006, ambulance staff have been collected under more detailed occupation codes which can't be applied to previous years. Therefore there will be comparability issues.

Data Item	Definitions of staff groups
Support to Clinical Staff (that is: 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.) This group comprises: • support to doctors and nurses • support to ST&T staff • support to ambulance staff	Support to doctors and nurses includes: • nursing assistants or auxiliaries • nursery nurses • health care assistants • 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 • support workers • healthcare assistants • students and trainees in central functions, as these are mainly general porters involved in moving patients around the hospital Support to ST&T staff – includes: • ST&T trainees and helper or assistants • healthcare assistants • healthcare assistants
	 clerical and administrative staff and maintenance works staff specifically identified as supporting ST&T staff Support to ambulance staff – includes: ambulance personnel trainee ambulance technicians healthcare assistants support workers clerical and administrative staff and maintenance & works staff specifically identified as supporting the ambulance service

About the UK Health Security Agency

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