



## Maternal Vaccines Matter!

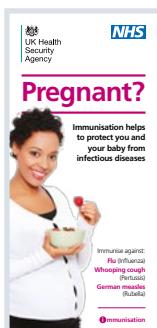


### Maternal vaccination special

We want to improve maternal vaccination rates and this month's special edition brings together the resources we have to promote vaccination to those who are pregnant, in all settings including midwifery, antenatal, GP practices and pharmacies. We have produced suites of information, training slide sets and guidance designed to help health professionals to talk confidently about maternal vaccination.

We hope that all pregnant women are given the offer of vaccination including the seasonal flu, the autumn dose of COVID-19 vaccination if they are in a risk group (unless they have already had a dose of COVID-19 vaccine) and the pertussis vaccination. Opportunities to read and digest leaflet information given to those who are pregnant in the right format to meet their needs is often the start of the consent process.

Time and the right accessible information is key.



### Pregnancy: how to help protect you and your baby leaflet ([weblink 32](#))

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We know that the most deprived 20% of the population as identified by the national Index of Multiple Deprivation (IMD) at [weblink 33](#), are more impacted by the burden of infectious disease and have evidence of poorer health outcomes.

Vulnerable population groups and individuals identified at a local level need to be encouraged to access vaccination appointments in suitable locations. Travel can be expensive and time and access to transportation is key to enabling attendance at clinics and GP practices offering maternal vaccination. Invitations by text or email can work for many who have access to mobile or email but phone calls and letters work better for some vulnerable groups.

Populations that need additional resources and invitations to appointments which are sensitive to their needs are ethnic minority communities; people with a learning disability and autistic people; people with multiple long-term health conditions; other groups that share protected characteristics as defined by the Equality Act 2010.

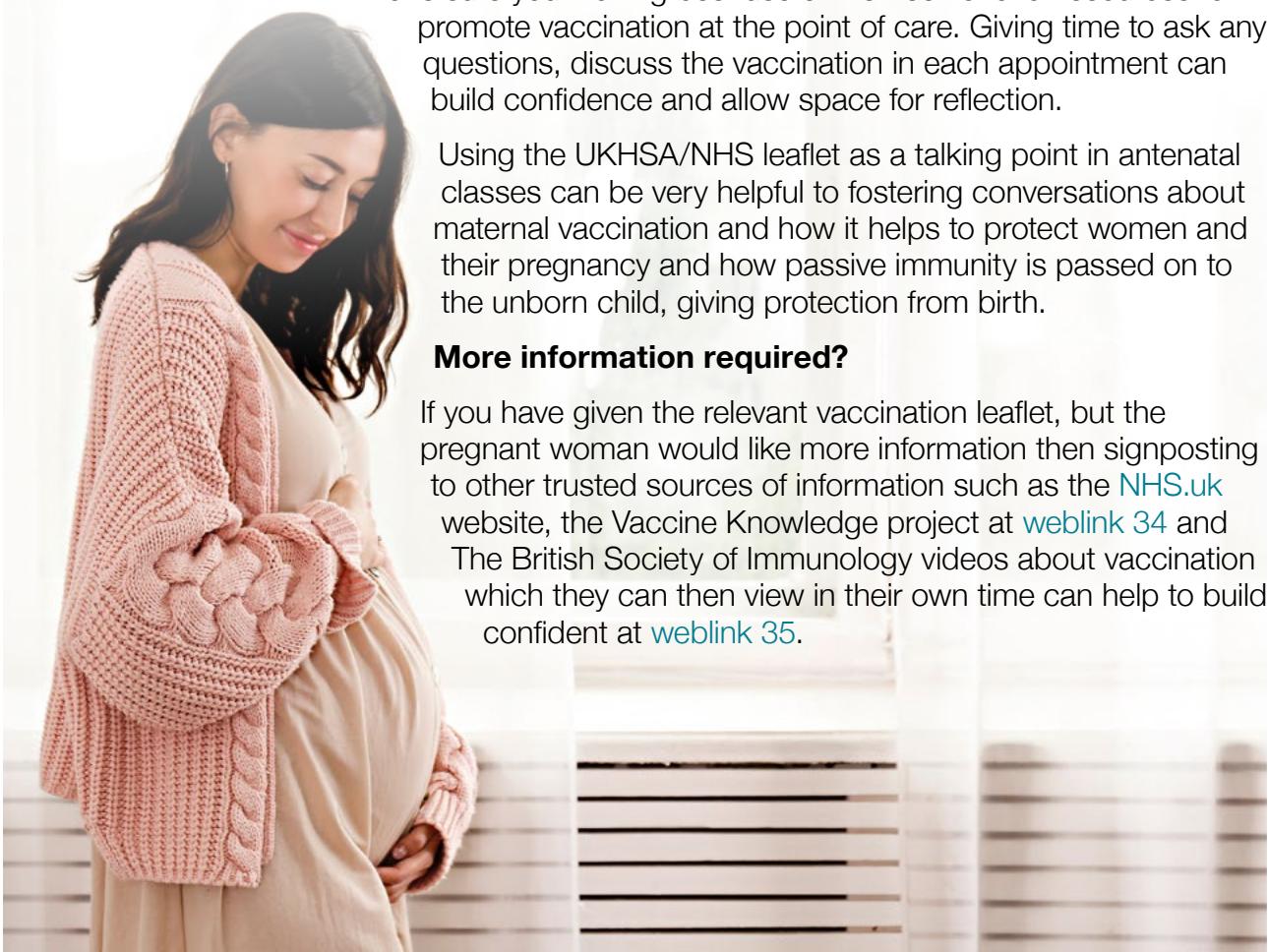
Those who are pregnant in inclusion health groups such: people experiencing homelessness, drug and alcohol dependence, vulnerable migrants, Gypsy, Roma and Traveller communities, and other socially excluded groups also need to be offered maternal vaccination and encouraged to attend appointments for their free vaccinations. It is clear that some individuals still think they have to pay for the routine and selective vaccines for example.

Taking the time to order the free paper leaflets in key languages and accessible formats such as braille and large print or sharing the BSL video or audio versions can really help to make sure you making best use of the free national resources to promote vaccination at the point of care. Giving time to ask any questions, discuss the vaccination in each appointment can build confidence and allow space for reflection.

Using the UKHSA/NHS leaflet as a talking point in antenatal classes can be very helpful to fostering conversations about maternal vaccination and how it helps to protect women and their pregnancy and how passive immunity is passed on to the unborn child, giving protection from birth.

### **More information required?**

If you have given the relevant vaccination leaflet, but the pregnant woman would like more information then signposting to other trusted sources of information such as the [NHS.uk](#) website, the Vaccine Knowledge project at [weblink 34](#) and The British Society of Immunology videos about vaccination which they can then view in their own time can help to build confidence at [weblink 35](#).



It is also important to sensitively revisit the subject if a pregnant women has not taken up the offer of the whooping cough (pertussis) vaccine for example. Opinions can change and confidence can take longer to build for some people. Taking a fresh approach to the offer of vaccination and exploring the benefits to the mother and the child is helpful when discussing the risks of the disease.



Rates of maternal vaccination have fallen. Read on page 5 about coverage

## Pertussis

Adults and adolescents are considered to be the main and persistent transmitters of pertussis in the community, but the highest morbidity and mortality is among the young infants.

There is good evidence to support the safety, immunogenicity and effectiveness of antenatal pertussis vaccination to reduce the morbidity and mortality associated with neonates and young infants, before they are old enough to receive their first pertussis vaccine (see at [weblink 36](#)).

If we miss the opportunity to protect the woman and her pregnancy, we miss the opportunity to protect the infant until they can have their vaccine at 8 weeks of age.

Trust in health professionals ranks as the highest and they have a very powerful role in supporting women throughout their pregnancy, read on to find out more about what we offer to promote the national programmes.

### **Increased uptake of vaccines in pregnancy? We need you!**

If you have good examples of how you have increased uptake of maternal vaccines, we would love to hear about your work and feature it in Vaccine update. Tell us 'how you did it? in 500 to 700 words (approximately) and email it to [immunisation@ukhsa.gov.uk](mailto:immunisation@ukhsa.gov.uk).



## Notes: Flu vaccination for pregnant women

Flu vaccination is now well underway this year but vaccine uptake for pregnant women is much lower than we would like it to be, with the latest monthly data from UKHSA showing that 25% of women had been vaccinated by the end of October at [weblink 37](#).

Most women of child-bearing age would not be eligible for a flu vaccine unless they are in a clinical risk group. Therefore, they do not necessarily understand the need for the flu vaccine when pregnant. UKHSA public facing communications promoting flu vaccination explain how pregnancy alters how the body handles infections such as flu and that pregnancy increases the risk of complications from flu for both the woman and her baby at [weblink 38](#).

Pregnant women benefit from vaccination because it can:

- reduce their risk of serious complications such as pneumonia, particularly in the later stages of pregnancy
- reduce the risk of mother or baby needing intensive care
- reduce the risk of the baby being stillborn or premature
- help protect their baby who will continue to have some immunity to flu during the first few months of life
- reduce the chance of the mother passing infection to her new baby.

Most maternity services offer flu vaccination to pregnant women, who can also access the vaccine from their GP or community pharmacy. Flu vaccine can be given safely at any stage of pregnancy, from conception onwards. It is always best for flu vaccination to be given before flu starts to circulate but in the case of pregnant women in particular, who may become pregnant later in the season, vaccination should continue to be offered right up until 31 March each year.

## Update to the Influenza chapter of the Green Book

The Green Book Chapter 19 (Influenza) has been updated and was published on Friday 10 November 2023. The chapter is available at [weblink 1](#).



Chapter revisions include updated advice on coadministration, seasonal timing of vaccination, and trivalent vaccines. Inclusion of carers and household contacts of people with immunosuppression in table 19.4 risk groups. Addition of occupational vaccination section. Updates to disease surveillance information and vaccine uptake tables.

## Prenatal pertussis vaccination coverage in England from January to March 2023 and annual coverage for 2022 to 2023

This report evaluates prenatal pertussis vaccine coverage for women who delivered in the January to March 2023 quarter and estimates annual coverage for the 2022 to 2023 financial year.

**The main findings were that:**

**60.7%**

vaccine coverage was 60.7% in the 2022 to 2023 financial year, compared to 64.7% in 2021 to 2022, 67.8% in 2020 to 2021 and 70.5% in 2019 to 2020

**60.8%**

pertussis vaccine coverage in pregnant women for the fourth quarter 2022 to 2023 was 60.8%, which was 3.7 percentage points lower than the mean coverage for the same quarter in the 2021 to 2022 financial year

**6.5%**

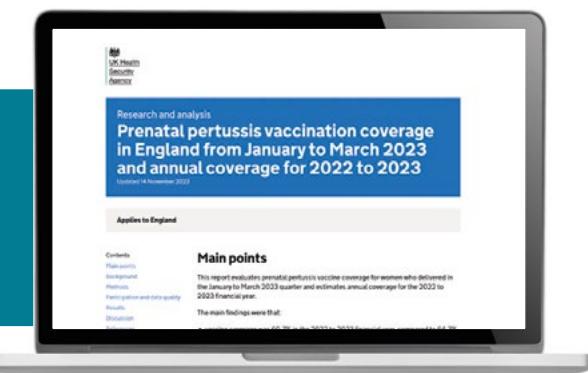
the mean coverage for the quarter was also 6.5 percentage points lower than the mean coverage for the same quarter in the 2020 to 2021 financial year

### DECREASE IN LONDON NHS COMMISSIONING REGION

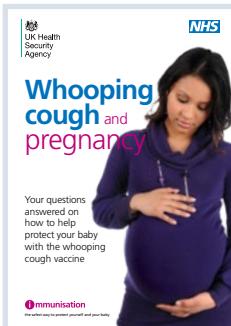
this observed decline in coverage has largely been driven by a decrease in London NHS Commissioning Region but is also reflected in other regions, particularly the North West and the Midlands



**Read the full report**  
at weblink 2.



## Pregnancy resources round up!



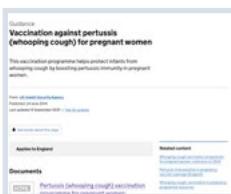
### Pertussis (Whooping cough): vaccination in pregnancy

The leaflet provides in-depth information on:

- why the vaccine is needed
- how maternal pertussis vaccination helps to protect babies from whooping cough
- when expectant mothers can have the vaccine
- vaccine safety and efficacy

The poster has been designed to promote the need for maternal pertussis vaccination which is now recommended from week 16 of each pregnancy. It is suitable for GP surgeries, hospitals, maternity units, nurseries, child care centres and libraries.

The leaflet (product code 3235344) and poster (product code 5246393) are available to order at [weblink 3](#) and [weblink 4](#).



### Pertussis (whooping cough) immunisation for pregnant women: resources and training

View at [weblink 5](#) and download the vaccination against pertussis for pregnant women slideset at [weblink 6](#).

The vaccination programme is recommended for pregnant women from 16 weeks to 32 weeks of pregnancy, although the vaccine can be offered up to 38 weeks. It is usually offered after the fetal anomaly scan.

Vaccinating pregnant women between 16 to 32 weeks of pregnancy will ensure that high levels of antibodies against pertussis cross the placenta from the mother to passively protect the baby when it is born.



### MMR vaccination: Have you had your MMR?

This leaflet is for mums who have just given birth. The 2 doses of MMR vaccine will help protect them and their baby, until the baby is old enough to get vaccinated.

The leaflet is suitable for all healthcare settings including maternity units and GP surgeries.

Copies of this leaflet can be ordered using product code 3325595B at [weblink 7](#).



## Viral rash in pregnancy aide memoire

View at [weblink 8](#) and this document covers rash illnesses caused by parvovirus B19 (B19V), measles, rubella and chickenpox (varicella), where intervention can prevent or reduce the potential for adverse outcomes.

Characteristic features and incidence of the following rash illnesses are also discussed:

- human herpesvirus type 6 and 7 (HHV-6/7)
- enteroviruses
- Epstein-Barr virus (EBV)
- cytomegalovirus (CMV)

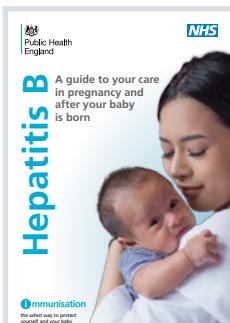
This guidance document is for healthcare professionals (mainly in primary care) of pregnant women with a rash or exposed to a rash. It acts as a reminder of the risk assessment and initial management of pregnant women including reporting.

Copies of this leaflet are available free to order using product code 2903600A at [weblink 9](#).



## Hepatitis B: screening and care in pregnancy and protecting your baby by vaccination

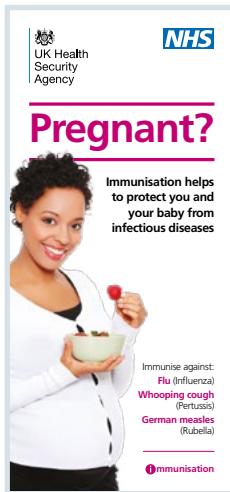
Information at [weblink 10](#) on hepatitis B infection, screening and care in pregnancy and the vaccine which protects babies born to women with hepatitis B.



These leaflets are aimed at parents of babies who are at risk from hepatitis B virus infection through perinatal transmission.

The protecting your baby against hepatitis B immunisation leaflet explains the course of vaccinations for babies born to women with hepatitis B to help protect babies from developing hepatitis B infection. This leaflet can be ordered from the Health Publications website below using product code: 410230B at [weblink 11](#).

The guide to your care in pregnancy and after your baby is born screening leaflet is for use from April 2021. It explains the hepatitis B screening and care offered to women with hepatitis B in pregnancy. This leaflet can be ordered using the product code: 2019256HB at [weblink 12](#).



## New pregnancy: protect you and your baby translations flyer

Providing quick access via QR codes to the many available translations of the Pregnancy: how to help protect you and your baby leaflet at [weblink 13](#) which explains:

- the flu vaccine
- the whooping cough (pertussis) vaccine
- the rubella (German measles) vaccine

These vaccinations are recommended for women who are pregnant. Rubella vaccination is also recommended for women who require protection before becoming pregnant again.

Paper copies of this leaflet are available free to order or download in the following languages:

English, Albanian, Arabic, Bengali, Bulgarian, Chinese (simplified), Chinese (traditional, Cantonese), Estonian, Farsi, French, Greek, Gujarati, Hindi, Latvian, Lithuanian, Panjabi, Pashto, Polish, Portuguese, Romanian, Romany, Russian, Somali, Spanish, Tagalog, Turkish, Twi, Ukrainian, Urdu and Yiddish.



## Immunisations at one year of age

A leaflet to remind parents to get their child immunised at one year of age.

This leaflet at [weblink 14](#) features the immunisation schedule from February 2022. Copies of this leaflet are available free to order from the Health Publications orderline, using product code 2022QG1EN.

This leaflet is available free to order or download in the languages below. Orders of the translated leaflets will be dispatched as soon as stock is available.

English, Albanian, Arabic, Bengali, Bulgarian, Chinese (Simplified), Chinese (Traditional, Cantonese), Estonian, Dari, French, Farsi, Greek, Gujarati, Hindi, Italian, Latvian, Lithuanian, Panjabi, Pashto, Polish, Portuguese, Romanian, Romany, Russian, Somali, Spanish, Tagalog, Tigrinya, Turkish, Twi, Ukrainian, Urdu, Yiddish, and Yoruba.

Accessible versions of this leaflet are also available free to order or download:

- audio
- Braille
- British Sign Language (BSL) video
- large print
- view more at [weblink 15](#) and [weblink 16](#)



## TB, BCG and your baby leaflet

This leaflet contains the current information on tuberculosis and the BCG vaccine including the benefits and contraindications for BCG immunisation in infants.

Paper copies of this leaflet are available to order for free or download in the following languages:

English, [Bengali](#), [Farsi](#), [Gujarati](#), [Hindi](#), [Kurdish](#), [Nepali](#), [Panjabi](#), [Pashto](#), [Romanian](#), [Romany](#), [Somali](#), [Tamil](#), [Turkish](#), [Ukrainian](#), and [Urdu](#).

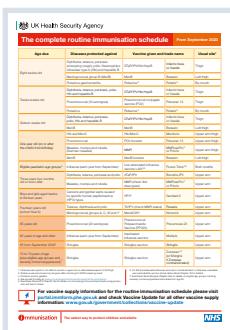
A quick links poster with QR codes to the English and translated versions of the TB, BCG and your baby leaflet is available to download at [weblink 17](#).



## TB, BCG and your baby poster

This poster is aimed at parents and carers of babies who may be at risk of tuberculosis and need a BCG vaccine to protect them.

Paper copies of the poster are available to order for free at [weblink 18](#).



## Updated routine immunisation schedule and translations

Following the schedule revisions in September 2023 to include changes to the human papillomavirus (HPV) and shingles programmes.

A flyer with quick links to all of the translations is available to download from HealthPublications using product code: RS1-Poster. Now including Nepali.

Translated versions of the schedule are available to download as a PDF in:

Albanian, Arabic, Bengali, Bulgarian, Chinese (simplified), Chinese (traditional), Dari, Estonian, Farsi, French, Greek, Gujarati, Hindi, Italian, Latvian, Lithuanian, Nepali, Panjabi, Pashto, Polish, Portuguese, Romanian, Romany, Somali, Spanish, Tagalog, Tigrinya, Turkish, Twi, Ukrainian, Urdu, Yiddish and Yoruba.



## New Video Resources

**TB BCG and your baby animation:** Watch at [weblink 19](#)



**How contagious is measles? Video with Dr Colin Campbell:**

Watch at [weblink 20](#)

## Travels with the immunisation stand!

### Student Midwife Festival – London – 8 November 2023

Cherstyn and Louise Letley had the privilege of meeting so many young and up and coming health professionals at the Student Midwife festival at [weblink 21](#). From freshers nursing students to research midwives its was so wonderful to speak to so many engaged and interested current and future members of the health family and discuss the vital role of vaccination in maternal care.

Our Lead Research Nurse Louise Letley gave a talk on Attitudes towards maternal vaccination based on the annual survey which UKHSA run which was well received.

More about the Attitudinal Survey can be read at [weblink 22](#).

Our pregnancy leaflets highlighted above were very popular at this event.

### Nursing Live – Liverpool – 11 and 12 November 2023

Yves-Pearl, David and Kirsty were at RCNI's Nursing Live in Liverpool. This brand new event was a real success, it was fantastic to meet such a broad range of nursing professionals from a range of disciplines and discuss the Immunisation programme and the associated resources.

We heard about some really good work engaging with asylum seekers and nurses working with the to bring them up to date with the UK schedule. Including some award winning work going on in the North West.

Our translated Routine Immunisation Schedules at [weblink 23](#) and the quick link flyer – RS1-Poster at [weblink 24](#) that goes with them were very popular at this event.



## How we did it!

### **Sarah Cavanagh & Vicki Braithwaite – East of England**

We were delighted to support Sarah and Vicki and their East of England team with their World Antimicrobial Resistance Awareness Week event.

World Antimicrobial Resistance Awareness Week (WAAW) is a global initiative to raise awareness about the growing threat of antimicrobial resistance.

WAAW takes place every year between the 11 and 24 November and is an opportunity to promote best practices for using antimicrobials responsibly to avoid the further emergence and spread of drug-resistant infections.

As well as raising awareness about the risks associated with antimicrobial resistance, this year there are three cross-cutting themes underpinning all five days – children; sustainability; and inequalities.

There are also suggested daily themes:

#### **DAY 1**

‘Prevention’ theme (e.g. vaccination, hydration, C difficile)

#### **DAY 2**

‘Antimicrobials in clinical practice’ theme (e.g. antibiotic course lengths, broad spectrum reduction and promotion of current clinical guidelines)

#### **DAY 3**

‘Optimising diagnostics’ theme e.g. blood culture pathway)

#### **DAY 4**

‘Antimicrobials and untrue or spurious allergy’ theme (e.g. de-labelling spurious penicillin allergy labels)

#### **DAY 5**

‘Antimicrobial resistance and the environment and research’ theme (e.g. IV to oral switch and antibiotic amnesty)

Here in the East of England, we held a launch event for this year's WAAW, organised jointly by our NHS England regional infection prevention and control and antimicrobial stewardship teams, supported by our regional UKHSA colleagues.

**Sarah Cavanagh, pharmacist at NHS England East of England said:**

**“**It was a great day- full of interesting presentations and discussion. There were a range of speakers and attendees from across systems – including antimicrobial stewardship specialist pharmacy teams, IPC leads, consultant microbiologists and public health commissioning colleagues.

“We also teamed up with our UKHSA colleagues, to promote vaccination and to encourage individuals to pledge to become antibiotic guardians.”

This year for WAAW, the public health commissioning team are promoting public health initiatives such as vaccinations, to prevent individuals from contracting an illness that then requires the use of antibiotics.

Vaccinations are a principal method of infection prevention, as they provide a safeguard against various bacterial infections like pneumococcal, diphtheria, tetanus, pertussis, reducing the need for antibiotics.

They also protect against viral infections such as measles, flu, and Covid-19. This not only curtails the inappropriate use of antibiotics for viral infections but also prevents secondary bacterial infections that might necessitate antibiotic treatment.

**Dr Vickie Braithwaite, public health registrar in the public health commissioning team said:**

“Everyone can play their part in reducing the growing threat of antimicrobial resistance by keeping up to date with your vaccinations. It is never too late to receive your childhood vaccines (such as two doses of MMR). Make sure that you are up to date with your seasonal vaccinations too (such as COVID-19 and Flu).”

If you would like to feature literature from our immunisation collection at a local event in your area please do get in touch at [Immunisation@ukhsa.gov.uk](mailto:Immunisation@ukhsa.gov.uk).

We can help tailor a pack of resources for your event and send them out to you for free to support awareness of the immunisation programmes.

If you would like to be featured in ‘How We Did it!’ in a future edition of Vaccine Update, please get in touch!



# Vaccine supply

## Routine vaccination programme

### Attention all customers – Christmas 2023 and New Year 2024 deliveries warning notice for routine immunisations

#### Christmas and New Year Day Bank Holidays

Due to the Christmas and New Year Bank Holidays, there will be no deliveries or order processing by Movianto UK on Monday 25, Tuesday 26 December 2023 and Monday 1 January 2024. Please see the table below for revised order and delivery dates, and the exceptions for off-shore customers.

Please note that there is a separate article for school providers of LAIV which also covers delivery schedules.

For customers with standard delivery day of Monday, please be aware that:

- after Monday 18 December, your next available delivery day will be Monday 8 January

You are reminded to be prepared for the break in deliveries and to order accordingly. Please make sure you have sufficient room in your fridge for any additional vaccine you wish to stock over this holiday period, bearing in mind the recommendation that only two to four weeks of vaccine stock be held at any one time.

#### Christmas and New Year holiday orders and deliveries

Exceptions to the timetable overleaf for off-shore customers are as follows:

- **Isle of Wight and Isle of Man:** customers should refer to the schedule changes in the main table overleaf
- **Jersey:** no deliveries arriving on Wednesday 27 December. Orders for deliveries arriving on Thursday 28 December will have an earlier cut-off of Thursday 21 December. Orders for deliveries arriving on Wednesday 3 and Thursday 4 January will have earlier cut-off dates of Thursday 28 and Friday 29 December, respectively
- **Guernsey:** no deliveries arriving on Wednesday 27 December. Orders for delivery arriving on Wednesday 3 January will have an earlier cut-off date of Thursday 28 December
- **Shetland, Stornoway and Orkney:** orders for deliveries arriving on Thursday 28 December and Thursday 4 January will have earlier cut-off dates of Thursday 21 and Friday 29 December, respectively

Please be advised that Emergency or “Out of Schedule” deliveries cannot be arranged for failure to place orders in good time.

<b>Christmas and New Year Bank Holidays Monday 25 and Tuesday 26 December 2023, and Monday 1 January 2024</b>			
Delivery date	Order cut-off date	Order cut-off time	Notes/Holidays
Monday 18 December 2023	Thursday 14 December 2023	11:55 AM	Next Monday delivery is 8 January
Tuesday 19 December 2023	Friday 15 December 2023	11:55 AM	
Wednesday 20 December 2023	Monday 18 December 2023	11:55 AM	
Thursday 21 December 2023	Tuesday 19 December 2023	11:55 AM	
Friday 22 December 2023	Wednesday 20 December 2023	11:55 AM	
<b>Monday 25 December 2023</b>	<b>Closed – No deliveries or order processing</b>		<b>Christmas Day</b>
<b>Tuesday 26 December 2023</b>	<b>Closed – No deliveries or order processing</b>		<b>Boxing Day</b>
<b>Wednesday 27 December 2023</b>	<b>Thursday 21 December 2023</b>	11:55 AM	
<b>Thursday 28 December 2023</b>	<b>Friday 22 December 2023</b>	11:55 AM	
Friday 29 December 2023	Wednesday 27 December 2023	11:55 AM	
<b>Monday 01 January 2024</b>	<b>Closed – No deliveries or order processing</b>		<b>New Year's Day</b>
<b>Tuesday 02 January 2024</b>	<b>Thursday 28 December 2023</b>	11:55 AM	Bank Holiday in <b>Scotland only</b> – orders delivered on 3 January
<b>Wednesday 03 January 2024</b>	<b>Friday 29 December 2023</b>	11:55 AM	
Thursday 04 January 2024	Tuesday 02 January 2024	11:55 AM	
Friday 05 January 2024	Wednesday 03 January 2024	11:55 AM	
Monday 08 January 2024	Thursday 04 January 2024	11:55 AM	

## Vaccines for the 2023 to 2024 children's flu programme supplied by UKHSA

All flu vaccines for the 2023 to 2024 children's flu programme are available to order by NHS providers in England via UKHSA's ImmForm website.

UKHSA does not supply any flu vaccines for patients aged 18 years and over.

Please refer to guidance from your respective health departments for arrangements in Scotland, Wales and Northern Ireland.

### Vaccines and availability

The 2 vaccines available and the groups these vaccines should be ordered for are shown in the table below.

The latest and most accurate information on availability of centrally supplied vaccines for the children's flu programme is available on the ImmForm news ([weblink 25](#)) page at all times. It is strongly advised that all parties involved in the provision of influenza vaccines to children ensure they remain up to date with this.

Vaccine	Manufacturer	Available to order for
Fluenz® Tetra (LAIV)	AstraZeneca	<ul style="list-style-type: none"> <li>• All children from 2 years of age to school year 11; and</li> <li>• Children in clinical risk groups aged 2 to &lt;18 years*</li> </ul>
Cell Based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) (QIVc)	Seqirus	<ul style="list-style-type: none"> <li>• Children in clinical risk groups aged 6 months to &lt;2 years</li> <li>• All other eligible** children aged 2 to &lt;18 years for whom LAIV is unsuitable</li> </ul>

\*Unless LAIV clinically contraindicated or otherwise unsuitable.

\*\*Children from 2 years of age to school year 11, and children in clinical risk groups aged 2 to <18 years.



## LAIV ordering information for General Practice

Ordering controls are in place for general practices, to enable UKHSA to balance supply with demand. These controls work by allocating an amount of LAIV based on the number of registered eligible patients and are tailored to each practice.

Each GP practice has been allocated sufficient LAIV to vaccinate at least 60% of their eligible patients (all 2 and 3 year olds, plus children in clinical risk groups from age 4 to <18 years). Please note that:

- further changes may be made to these allocations in response to demand and vaccine availability
- requests for extra vaccine will be considered on a case-by-case basis throughout the ordering period. Requests for additional vaccine should be sent to the helpdesk ([helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk)) and should be sent in good time before your order cut-off. Out of schedule deliveries will be by exception only

You can view how many packs of LAIV your practice has available to order by visiting the allocation report ([weblink 26](#)). You will be asked to log in with your ImmForm credentials. You will then need to select:

1. stock management reports; followed by
2. products available to order (Allocation managed) report

Please note that this report is not updated in real-time and so may not account for any orders or allocation amendments made within the last 30-45 minutes.

## Multi-Branch Practices and LAIV allocations

Please note that GP practices or groups that operate over multiple sites but are part of the same organisation will have a joint allocation (as in previous years), even where each site has a unique ImmForm account.

This means that it is possible for one site to potentially order all of the available vaccine for the group, unless there is local agreement on how the allocated volume is shared. UKHSA recommend that this agreement is in place before ordering opens to reduce the risk of supply interruption.



## LAIv ordering information for school-age providers

School providers are able to place 2 orders and receive 2 deliveries of LAIV per week, to assist in the management of vaccine volumes required across limited storage space at delivery points.

This operates on a 48-hour delivery schedule requiring the order to be placed before the 11.55 AM cut-off 2 working days before the required delivery day. The table below illustrates the respective delivery days versus ordering day.

**Please remember to take into consideration the Bank Holidays over Christmas and the New Year as this will affect your delivery day.**

Order day (before 11.55 AM cut-off)	Delivery day
Monday	Wednesday
Tuesday	Thursday
Wednesday	Friday
Thursday	Monday
Friday	Tuesday

Customers must ensure that the point of delivery will be open and staffed between 9 AM and 5 PM on the delivery day when placing orders for LAIV.

Please note that this does not affect the routine ordering and delivery schedule of any other vaccines (including inactivated flu vaccines) ordered from ImmForm and is applicable to Fluenz® Tetra (LAIV) only.

A default weekly ordering cap of 450 packs (4,500 doses) per week is in place for school provider accounts.

Where this cap is insufficient and a provider needs a larger weekly volume of vaccine to deliver the programme (for example where a provider covers a large area using a single account), a higher weekly cap should be requested via the UKHSA Flu Vaccine Operations team by emailing [childfluvaccine@ukhsa.gov.uk](mailto:childfluvaccine@ukhsa.gov.uk). Please ensure requests are sent at least 2 working days before an order is needed to be placed against the higher cap, to allow time for your account to be set up correctly.

For one-off larger orders during the ordering period, requests should be made via [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk).

## Inactivated flu vaccine ordering

The Cell Based Quadrivalent Influenza Vaccine (Surface Antigen, Inactivated) (QIVc) is available to order, in a single dose pack, for:

- children in clinical risk groups aged from six months to less than 2 years old;
- children aged from 2 to <18 years old in clinical risk groups for whom LAIV is clinically contraindicated or otherwise unsuitable; and
- healthy children from 2 years old to those in school year 11, for whom LAIV is unsuitable (for example, due to objection to LAIV on the grounds of its porcine gelatine content)

Order controls are also in place for this vaccine as follows:

- for GPs, there is an initial cap of 10 doses/packs per week
- for school-age providers, there is a cap of 450 doses/packs per week

For one-off larger orders of inactivated vaccines, requests should be made via [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk) in good time before your order cut-off.

## All influenza vaccines for the 2023 to 2024 season

Information on all influenza vaccines that have been marketed in the UK for the 2023 to 2024 season are available at [weblink 27](#).

## ImmForm customers should report long-term changes to opening hours for deliveries

Customers should report long-term changes to the days and times when they can accept deliveries, such as routine training days and closures, by contacting Movianto UK Customer Care ([MoviantoUK.NHSCC@movianto.com](mailto:MoviantoUK.NHSCC@movianto.com); 01234 587207). This should not be used to report short-term changes due to absence or holidays.

## DTaP/IPV/Hib/HepB vaccine ordering

Supplies of DTaP/IPV/Hib/HepB vaccines Infanrix hexa® and Vaxelis® are available for the routine infant primary immunisations programme.

Orders for Infanrix hexa® remain unrestricted. Customers in England and Wales may order up to 20 packs of Vaxelis® per ImmForm account per week – this will vary for customers taking part in the Oxford Vaccine Group trial. Customers in Scotland should refer to their local ordering restrictions. Providers should not order more than two weeks' worth of stock to minimise wastage due to fridge failures. For assistance, please contact the ImmForm Helpdesk at [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk).

## Registering for a new or updating your existing ImmForm vaccine ordering account

When you register for or update an existing ImmForm account, UK Health Security Agency as a wholesaler of vaccines need to verify the requesting customer.

Please ensure you have your professional regulatory body registration number or Wholesaler Dealer Licence and an organisation code which can be verified when requesting updates or requesting a new vaccine ordering account.

For more information please see the ImmForm Helpsheet – How to register at [weblink 28](#)

## The EU Falsified Medicines Directive (FMD) and Delegated Regulation as applicable to UKHSA-supplied vaccines for the national immunisation programme

The EU Falsified Medicines Directive 2011/62/EU (FMD) ([weblink 29](#)) and Delegated Regulation ((EU) 2016/161) ([weblink 30](#)) (The Delegated Regulation) impose legal obligations on the EU medicines supply chain to prevent entry of falsified medicinal products into the supply chain. The Delegated Regulation was implemented in all EU Member States on 9 February 2019. Following the UK's departure from the EU, the Delegated Regulation ceased to apply in Great Britain from 31 December 2020, but continues to apply in Northern Ireland.

### Information for customers in Northern Ireland

FMD-barcoded packs of routine immunisation programme vaccines that are centrally supplied by UKHSA continue to be supplied with active FMD serialisation, and should be decommissioned by end users in Northern Ireland. Customers in Northern Ireland who access centrally supplied vaccines are encouraged to review local guidance on implementation of the EU Falsified Medicines Directive.

## MMR vaccine ordering

To rebalance central supplies of both MMR vaccines, please consider ordering M-M-RvaxPRO® as your first choice, which is available to all customers without restriction.

Customers in England and Wales who require Priorix®, for example because you serve communities that do not accept vaccines containing porcine gelatine, may order up to 15 packs of Priorix® per ImmForm account per week. For assistance with ordering more than 15 packs of Priorix®, please email your request to the ImmForm Helpdesk at [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk).

Customers in Scotland should refer to their local ordering restrictions.

## Shingrix® vaccine ordering information

The shingles programme changed on 1 September 2023. Please refer to the UKHSA/NHS letter at [weblink 31](#) for full details.

### Current programme



All newly eligible individuals should be offered two doses of the non-live shingles vaccine Shingrix® instead of one dose of Zostavax®.

In addition to this, the eligibility for the immunocompromised and immunocompetent cohorts has changed to allow individuals to be protected at an earlier age.

The eligible cohort for immunocompromised individuals has expanded to those aged 50 years and over (with no upper age limit).

The eligible age for immunocompetent individuals has changed from 70 to 60 years of age for the routine cohort, in a phased implementation over a 10 year period. Immunocompetent individuals remain eligible until their 80<sup>th</sup> birthday.

During stage 1, from 1 September 2023 to 31 August 2028, Shingrix® should be offered to those turning 70 and 65 years on or after 1 September 2023.

During stage 2, from 1 September 2028 to 31 August 2033, Shingrix® will be offered to those turning 65 and 60 years of age, after which it will be offered routinely at 60.

Shingrix® is freely available to order without restrictive ordering controls in place, however please do not create local stockpiles; there is sufficient stock to support year round programme implementation of the programme.

### Previous programme

Zostavax is no longer available to order via ImmForm. Those previously eligible for Zostavax®, i.e. immunocompetent persons age 70 or over prior to 1 September 2023, may continue to be offered Zostavax® until local stocks deplete, after which they should be offered Shingrix® (until 80<sup>th</sup> birthday).

Contact the [helpdesk@immform.org.uk](mailto:helpdesk@immform.org.uk) for ordering queries.

# Non routine vaccination supply

## HEPATITIS A VACCINE

### Adult

- **GSK:** supply of Havrix Adult PFS singles and packs of 10 are currently available
- **Sanofi Pasteur:** Avaxim PFS singles and packs of 10 are currently available
- **MSD:** VAQTA Adult is available

### Paediatric

- **GSK:** supply of Havrix Paediatric singles and packs of 10 are currently available
- **MSD:** VAQTA Paediatric is available
- **Sanofi Pasteur:** Avaxim Junior singles are currently available

## HEPATITIS B VACCINE

### Adult

- **GSK:** Engerix B PFS singles and packs of 10 are currently available
- **GSK:** supply of Fendrix is currently available
- **MSD:** HBVAXPRO 10 micrograms is available
- **MSD:** HBVAXPRO 40 micrograms is available
- **Valneva:** PreHevbri is available

### Paediatric

- **GSK:** supply of Engerix B Paediatric singles is currently available
- **MSD:** HBVAXPRO 5 micrograms is available

## COMBINED HEPATITIS A AND B VACCINE

- **GSK:** Twinrix Adult singles and packs of 10 are available
- **GSK:** Twinrix Paediatric is currently available
- **GSK:** Ambirix is available

## COMBINED HEPATITIS A AND TYPHOID VACCINE

- **Sanofi Pasteur:** Viatim is now a discontinued product and no longer available for sale

## TYPHOID VACCINE

- **Sanofi Pasteur:** Typhim singles and packs of 10 are available
- **Patientric:** Vivotif is available

## RABIES VACCINE

- **Valneva:** Rabipur is available
- **Sanofi Pasteur:** Rabies BP is now a discontinued product and no longer available for sale

## PNEUMOCOCCAL POLYSACCHARIDE VACCINE (PPV):

- **MSD:** supply of Pneumovax 23 (PPV23) PFS is available

## PNEUMOCOCCAL POLYSACCHARIDE CONJUGATE VACCINE (PCV):

- **Pfizer:** Prevenar 13 is currently available
- **MSD:** Vaxneuvance is currently available

## VARICELLA ZOSTER VACCINE

- **GSK:** VARILRIX is currently available
- **MSD:** VARIVAX is available
- **MSD:** ZOSTAVAX is a discontinued product

## DIPHTHERIA, TETANUS AND POLIOMYELITIS (inactivated) VACCINE

- **Sanofi Pasteur:** Revaxis is available

## DIPHTHERIA, TETANUS, PERTUSSIS (ACELLULAR) AND POLIOMYELITIS (INACTIVATED) VACCINE

- **GSK:** supply of Boostrix-IPV is currently available
- **Sanofi Pasteur:** Repevax is currently available

## MMR

- **MSD:** MMR Vaxpro is currently available
- **GSK:** Priorix is currently available

## MENINGITIS ACWY VACCINE

- **GSK:** Menveo is currently available
- **Pfizer:** Nimenrix is currently available
- **Sanofi Pasteur:** MenQuadfi is available

## YELLOW FEVER

- **Sanofi Pasteur:** Stamaril is available

## HUMAN PAPILLOMAVIRUS VACCINE

- **MSD:** GARDASIL has been discontinued (Please refer to ImmForm for NIP supply status)
- **MSD:** Gardasil 9 is currently available
- **GSK:** Cervarix has been discontinued

## CHOLERA VACCINE

- **Valneva:** Dukoral is available but subject to order caps of 10 packs/per customer/per week
- **Patientric:** Vaxchora is available

## JAPANESE ENCEPHALYTIS VACCINE

- **Valneva:** Ixiaro is available but subject to a temporary order cap of 10 doses/ per customer/per week with effect from week commencing 6th November until unconstrained supply returns (expected week beginning 20 November)

## MENINGOCOCCAL GROUP B VACCINE

- **GSK:** Bexsero is currently available

## DIPHTHERIA, TETANUS, PERTUSSIS, HIB VACCINE AND POLIOMYELITIS

- **GSK:** Infanrix IPV+Hib is currently available

## HIB + MENINGOCOCCAL GROUP C COMBINED VACCINE

- **GSK:** Menitorix is currently available

## LIVE ATTENUATED ROTAVIRUS VACCINE

- **GSK:** Rotarix is currently out of stock – expected recovery Q4

## HERPES ZOSTER VACCINE

- **GSK:** Shingrix is currently available

## Weblinks

Weblink 1 <https://www.gov.uk/government/publications/influenza-the-green-book-chapter-19>

Weblink 2 <https://www.gov.uk/government/publications/pertussis-immunisation-in-pregnancy-vaccine-coverage-estimates-in-england-october-2013-to-march-2014/prenatal-pertussis-vaccination-coverage-in-england-from-january-to-march-2023-and-annual-coverage-for-2022-to-2023>

Weblink 3 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Swhoopingcoughandpregnancya5booklet8pp-477>

Weblink 4 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Swhoopingcoughandpregnacyposter-555>

Weblink 5 <https://www.gov.uk/government/publications/vaccination-against-pertussis-whooping-cough-for-pregnant-women>

Weblink 6 <https://khub.net/documents/135939561/327898483/Vaccination+against+pertussis+for+pregnant+women+slideset+2021.pptx/155c6b71-0b7b-7d7d-7be9-aadd260a9c84>

Weblink 7 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Shaveyouhadyourmmrmaternalflyer>

Weblink 8 <https://www.gov.uk/government/publications/viral-rash-in-pregnancy>

Weblink 9 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Srashinpregnancyaidememoire>

Weblink 10 <https://www.gov.uk/government/publications/protecting-your-baby-against-hepatitis-b-leaflet>

Weblink 11 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Sprotectingyourbabyagainsthepatitisb-528>

Weblink 12 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Shepatitisbcareforyourbabyleaflet>

Weblink 13 <https://www.gov.uk/government/publications/pregnancy-how-to-help-protect-you-and-your-baby>

Weblink 14 <https://www.gov.uk/government/publications/immunisations-between-12-and-13-months-of-age>

## Weblinks

Weblink 15 <https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sroutineimmunisationvideoforinfantsuptooneyear>

Weblink 16 <https://www.healthpublications.gov.uk/ViewArticle.html?sp=Sroutineimmunisationsatoneyearvideo>

Weblink 17 <https://www.healthpublications.gov.uk/ViewArticle.html?sp=Stbbcgandourbabyleaflettranslationsquicklinksposter>

Weblink 18 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Stbbcgandourbabyposter>

Weblink 19 <https://www.youtube.com/watch?v=urFoJAuHEcl>

Weblink 20 <https://youtu.be/Xe7FPKZgNgw?si=G8cd0wYLmHUfl92p>

Weblink 21 <https://www.maternityandmidwifery.co.uk/events/student-midwifery-experience-2023/>

Weblink 22 <https://www.gov.uk/government/collections/parental-attitudes-to-vaccination-in-youngchildren>

Weblink 23 <https://www.gov.uk/government/publications/the-complete-routine-immunisation-schedule>

Weblink 24 <https://www.healthpublications.gov.uk/ViewArticle.html?sp=Stranslationsofroutineimmunisationscheduleqrkodeposter>

Weblink 25 <https://portal.immform.phe.gov.uk/VaccineSupply/VaccineSupply/Home/Vaccine-Supply-Home.aspx>

Weblink 26 <https://vciweb.immform.phe.gov.uk/reports/vsreports>

Weblink 27 <https://www.gov.uk/government/publications/influenza-vaccines-marketed-in-the-uk>

Weblink 28 <https://www.gov.uk/government/publications/how-to-register-immform-helpsheet-8>

Weblink 29 [https://health.ec.europa.eu/system/files/2016-11/dir\\_2011\\_62\\_en\\_0.pdf](https://health.ec.europa.eu/system/files/2016-11/dir_2011_62_en_0.pdf)

Weblink 30 [https://health.ec.europa.eu/system/files/2016-11/reg\\_2016\\_161\\_en\\_0.pdf](https://health.ec.europa.eu/system/files/2016-11/reg_2016_161_en_0.pdf)

Weblink 31 <https://www.gov.uk/government/publications/shingles-vaccination-programme-changes-from-september-2023-letter>

## Weblinks

- Weblink 32 <https://www.healthpublications.gov.uk/ViewProduct.html?sp=Spregnancyhowtohelpprotectyouandyourbaby-556>
- Weblink 33 <https://www.gov.uk/government/statistics/english-indices-of-deprivation-2019>
- Weblink 34 <https://vaccineknowledge.ox.ac.uk/home>
- Weblink 35 <https://www.immunology.org/public-information/vaccine-resources/childhood-vaccines/videos-about-vaccines>
- Weblink 36 <https://researchportal.ukhsa.gov.uk/en/publications/maternal-vaccination-against-pertussis-a-systematic-review-of-the>
- Weblink 37 <https://www.gov.uk/government/statistics/seasonal-influenza-vaccine-uptake-in-gp-patients-monthly-data-2023-to-2024>
- Weblink 38 <https://www.gov.uk/government/publications/flu-vaccination-who-should-have-it-this-winter-and-why>