

# Health Protection in Schools

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# Preventing Infections in Schools

- VACCINATION: most effective, safe, free in UK
- Encouraging children and adults to follow:
  - Hand hygiene
  - Respiratory and cough hygiene
- Cleaning
- Safe management of the environment: ventilation
- Safe management of blood and bodily fluids: injuries, diarrhoea and vomiting
- Safe management of waste (including sharps)
- Managing prevention of exposure to infection (including needlestick or sharps injuries, and bites)

**(SOURCE: UK Health Security Agency's advice for schools)**

# WHY VACCINATIONS ARE IMPORTANT?

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**Vaccination uptake in Hillingdon and London is lower than elsewhere in the country, across all vaccinations**

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**The re-emergence of illnesses e.g. Measles, diphtheria, pertussis is the result of low uptake**

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**Vaccination uptake has dropped across all populations with some populations consistently have the lowest uptake rates**

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**There is need for culturally competent, community-specific approaches to tackle misinformation and hesitancy**

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**The trust and conversation related to vaccinations has changed in recent years and that can't be ignored**

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**Vaccination remains the most effective preventative measure available, and most cost effective**

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# Hillingdon Childhood Vaccination Scorecard

● Better 95% ● Similar ● Worse 95% ○ Not applicable

Recent trends: — Could not be calculated ➔ No significant change ⬆ Increasing & getting worse ⬆ Increasing & getting better ⬇ Decreasing & getting worse ⬇ Decreasing & getting better



Indicator	Period	Hillingdon		London England		England			
		Recent Trend	Count	Value	Value	Value	Worst	Range	Best
Population vaccination coverage: Hepatitis B (1 year old)	2023/24	—	15	93.8%	*	*	-		- -
Population vaccination coverage: Dtap IPV Hib HepB (1 year old)	2023/24	➔	3,369	90.6%	86.2%	91.2%	63.6%		97.0%
<90% 90% to 95% ≥95%									
Population vaccination coverage: PCV	2023/24	⬇	3,512	94.4%	88.8%	93.2%	70.4%		97.9%
<90% 90% to 95% ≥95%									
Population vaccination coverage: Hepatitis B (2 years old)	2023/24	—	19	95.0%	*	*	-		- -
Population vaccination coverage: Dtap IPV Hib HepB (2 years old)	2023/24	⬆	3,412	89.0%	87.7%	92.4%	72.4%		97.8%
<90% 90% to 95% ≥95%									
Population vaccination coverage: Hib and MenC booster (2 years old)	2023/24	⬇	3,358	87.6%	81.2%	88.6%	64.2%		96.2%
<90% 90% to 95% ≥95%									
Population vaccination coverage: PCV booster	2023/24	➔	3,242	84.6%	80.4%	88.2%	66.8%		95.7%
<90% 90% to 95% ≥95%									
Population vaccination coverage: MMR for one dose (2 years old)	2023/24	➔	3,347	87.3%	81.8%	88.9%	67.7%		96.3%
<90% 90% to 95% ≥95%									
Population vaccination coverage - Hib / Men C booster (5 years old)	2017/18	➔	3,971	89.8%	88.1%	92.4%	79.5%		97.6%
<90% 90% to 95% ≥95%									
Population vaccination coverage: MMR for one dose (5 years old)	2023/24	➔	3,578	88.9%	85.2%	91.9%	78.2%		97.2%
<90% 90% to 95% ≥95%									
Population vaccination coverage: MMR for two doses (5 years old)	2023/24	➔	3,262	81.0%	73.3%	83.9%	60.8%		94.8%
<90% 90% to 95% ≥95%									
Population vaccination coverage: HPV vaccination coverage for one dose (12 to 13 year old)	2023/24	➔	886	39.6%	61.6%	72.9%	32.9%		89.2%
<80% 80% to 90% ≥90%									
Population vaccination coverage: Meningococcal ACWY conjugate vaccine (MenACWY) (14 to 15 years)	2023/24	⬆	1,380	35.3%	64.1%	73.0%	31.9%		97.7%
<80% 80% to 90% ≥90%									

Recent trends: — Could not be calculated ➔ No significant change ⬆ Increasing & getting worse ⬆ Increasing & getting better ⬇ Decreasing & getting worse ⬇ Decreasing & getting better

Population vaccination coverage: HPV vaccination coverage for one dose (12 to 13 year old) 2023/24

Proportion - %

Area	Recent Trend	Count	Value	95% Lower CI	95% Upper CI
England	➔	255,833	72.9	72.8	73.1
London region (statistical)	➔	31,565	61.6	61.2	62.1
Richmond upon Thames	⬇	1,137	84.3	82.2	86.1
Kingston upon Thames	➔	1,148	83.4	81.4	85.3
Sutton	⬇	1,548	83.2	81.4	84.8
Havering	⬆	1,242	82.6	80.6	84.5
Bexley	➔	1,265	81.1	79.1	83.0
Bromley	⬆	1,757	78.0	76.3	79.7
Merton	➔	806	77.1	74.5	79.6
Wandsworth	➔	932	71.3	68.7	73.6
Greenwich	⬆	1,178	71.2	69.0	73.4
Haringey	⬆	1,087	70.2	67.9	72.4
Lewisham	⬆	903	68.3	65.7	70.7
Newham	⬆	1,637	68.1	66.2	70.0
Redbridge	⬆	1,346	67.6	65.5	69.6
Barking and Dagenham	⬆	1,072	66.3	64.0	68.6
Islington	⬆	464	63.6	60.1	67.1
Croydon	➔	1,308	61.5	59.4	63.5
Barnet	➔	1,513	60.9	58.9	62.8
Southwark	➔	1,102	59.3	57.1	61.6
Hounslow	➔	947	58.2	55.8	60.5
Waltham Forest	⬆	888	56.4	54.0	58.8
Hackney	⬆	742	55.5	52.9	58.2
Enfield	⬆	1,058	55.2	53.0	57.5
Lambeth	➔	676	54.9	52.1	57.7
Hammersmith and Fulham	⬆	684	52.3	49.6	55.0
Tower Hamlets	⬆	774	49.5	47.0	51.9
Harrow	➔	724	48.8	46.2	51.3
Ealing	➔	930	43.2	41.1	45.3
Kensington and Chelsea	➔	286	42.8	39.1	46.6
Camden	⬆	448	41.6	38.8	44.9
Hillingdon	➔	886	39.6	37.6	41.6
Westminster	⬆	308	38.9	36.3	41.6
Brent	⬆	599	32.9	30.8	35.1
City of London	—	-	-	-	-

# Vaccines offered in schools

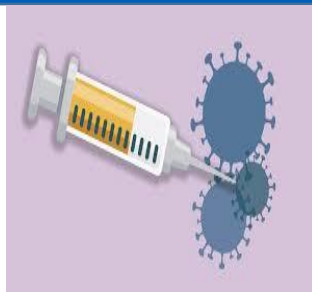
Vaccine	School years eligible	Mode of administration and schedule	Diseases protected against
Seasonal influenza vaccine	Primary School (reception to year 6 )  Secondary School (years 7 to 11)	Nasal spray  One dose (unless otherwise indicated)  (Injected vaccine is available if nasal spray is unsuitable)  Offered annually in the autumn term	Protects against the influenza virus
Human papillomavirus (HPV) vaccine	Years 8 and 9	Injected, one dose	Protects against genital warts and HPV related cancers such as cervical cancer, cancers of the head and neck and cancers of the genital area
MenACWY vaccine	Year 9	Injected  One dose	Meningococcal groups A, C, W and Y
Td/IPV (3-in-1 booster)	Year 9	Injected  Final dose of the course (total of 5)	Tetanus, diphtheria and polio
MMR check and offer	At all opportunities	Injected  2 doses	Measles, mumps, rubella

Further information on [vaccinations for early years settings with children prior to school age](#).

# Routine vaccinations for babies and children before they start school

- Parent/carer is usually contacted by their GP surgery when baby/child is due for a routine vaccination.
- Most surgeries and health centres run special immunisation or baby clinics.
- The parent/carer can also speak to their GP surgery to book the appointment, they do not need to wait to hear from them.
- Immunisation programmes are regularly reviewed to make sure that all children are offered the best protection against preventable diseases. As new vaccines become available, or research shows that giving existing vaccines at different times improves protection, the programme will be changed.
- If the child misses a vaccine, the parent/carer can contact their GP to re-book and catch up.
- Source: [A guide to immunisation for babies up to 13 months of age - from February 2022 - GOV.UK](#)

# Example of process at the GP practice



## INVITATION

Parent/carer receives invitation to vaccinate child from G.P  
Practice via call, text and/or letter.

## QUESTIONS

The parent/carer will be able to ask the Practice Nurse or G.P any questions before giving consent.

## VACCINATION

Baby/child will receive their vaccination as per the schedule. This will be in the upper arm/thigh or oral drops.

## SIDE EFFECTS

Parent/carer will be advised on common side effects such as a temperature and how to manage this.

## PROTECTION

Baby/child starts to build up protection against diseases which will be increased with booster vaccines.



# Vaccination UK: What's expected of schools

## Prior

- Provide us with a pupil details in Excel format which needs to include full names, gender, DOB, form groups and contact details. *If you have concerns over GDPR and privacy, please speak to us so we can help.*
- Schedule a suitable room for the sessions to run
- Ensure all parents receive the E-consent link and information leaflets (depending on which vaccine is being offered).
- Make sure parents are aware of the day the vaccination team are attending.
- Complete [Pupil Status change form](#) with any change's parents report to the school office.
- Use the [School Portal](#) to see who is yet to consent, who is having the vaccination and refusals.

## During

- On arrival provide the Vaccination Team with the Pupil Status change form including a breakdown of the day: break times, defibrillator location, school Designated Safeguarding Lead and any fire drills being held.
- It is up to the school to decide the order they wish to bring the classes down, all children to be seen at session unless noted otherwise. This is to allow us to contact parents of those who have not yet returned a consent during the process.
- A member of staff must ideally be present when pupils are in the room with our team. This safeguards the school as well as the vaccination team.
- Provide us with a list of absent students as well as leavers/joiners of the school.
- **Secondary schools:** Help us improve! Allow students to complete a feedback form on how they felt about the session and information provided.

## After

- After the team have visited the school for the final session, the team will ask you to send out Catch up session details to all parents.
- Help us improve! You will be asked at the end of the session or the following day via email to complete feedback on how you felt the session went. Please communicate with us as we are here to ensure all children have an opportunity to receive these vaccinations.

# Vaccination UK: What you can expect from us

Prior

- Ensure E-consent links and information leaflets are sent out to the school within an adequate timeframe to allow parents to make an informed decision for the vaccination being provided.
- Collaborate with the school to arrange health promotion events within the school.
- Liaise with school to ensure the school portal is being used by both parties including following up those who have not returned a consent form.
- Send Pupil Status change form so that school can document any change's parents report to the school office.
- If we are subject to national delivery problems regarding the vaccines, we will notify you as soon as we are aware and work with you to find the next available/suitable date for your school.

During

- Vaccination UK will arrive 30 minutes prior to starting to set up. *Very Occasionally, due to unforeseen circumstances this may differ, but we will let you know.*
- The team will collect the Pupil Status change form before the session starts so they can make the necessary changes prior to starting.
- **Secondary Schools:** On the day, we ask that ALL children are brought down regardless of whether they have consented to the vaccine or not as we will try to call parents to obtain verbal consent if not yet received.
- **Primary Schools:** We will see only those who have consented to receive the vaccine which will be visible by the School Portal.

After

- Vaccination UK will hold catch up sessions only after mop up sessions held at the school.
- Be available to answer any queries that parents or schools have.
- Will send links to the school and parents to provide feedback on how the session ran to help us improve our service.

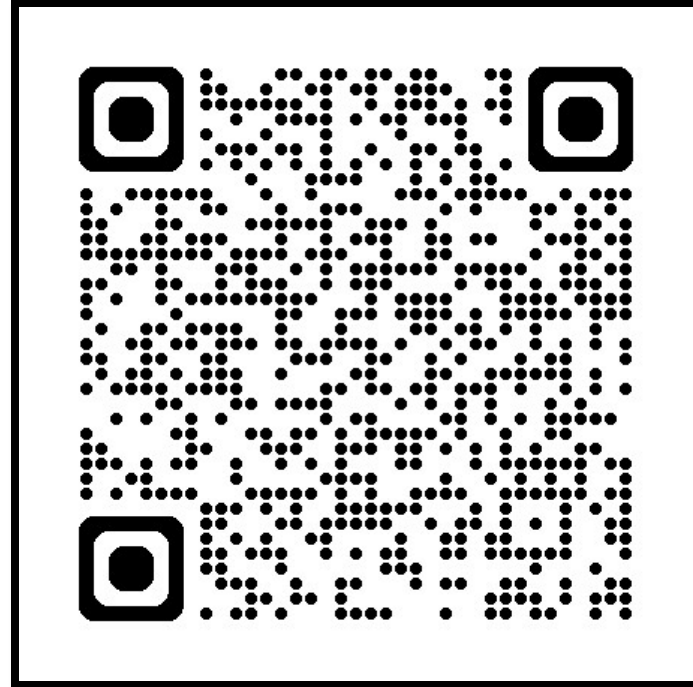
# Resources suitable for displaying and signposting

Louise Clark, Local Immunisation  
Coordinator (Harrow, Hillingdon,  
Hounslow)  
NHS North West London


# NHS website: Vaccinations


Find out about  
vaccinations for  
babies, children and  
adults, including why  
they're important and  
how to get them

<https://www.nhs.uk/vaccinations/>




# Vaccine Knowledge Project


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Reliable information you can trust



0:00 / 1:40

Vaccine Knowledge is a source of independent, evidence-based information about vaccines and infectious diseases. We provide clear information on complex topics and back it up with references to high-quality, reliable research. To find out more, see our [about us page](#), or watch our video.

The Vaccine Knowledge Project is managed by the [Oxford Vaccine Group](#), an academic research group in the Department of Paediatrics at the University of Oxford. The site is updated regularly to make sure information is as up-to-date and accurate as possible and is overseen by academic staff at the cutting edge of vaccine research.





<https://vk.ovg.ox.ac.uk/home>

# Websites and how to order resources suitable for the public

# Resources and websites

- NHS vaccination schedule: [NHS vaccinations and when to have them - NHS \(www.nhs.uk\)](https://www.nhs.uk)
- Vaccine Knowledge Project: [Home | Vaccine Knowledge Project \(ox.ac.uk\)](https://www.vaccineknowledgeproject.ox.ac.uk)
- Why vaccination is important: [Why vaccination is important and the safest way to protect yourself - NHS \(www.nhs.uk\)](https://www.nhs.uk)
- Hillingdon Council website: [Immunisations and vaccinations - Hillingdon Council](https://www.hillingdon.gov.uk)
- For public facing leaflets and resources - Health Publications: <https://www.healthpublications.gov.uk>  
(the most up to date literature for all vaccinations and multiple languages available. Resources can be ordered or downloaded/printed – registering with this portal is beneficial as you will be able to order more resources)
- **HEALTH PROTECTION GUIDANCE FOR SCHOOLS** - <https://www.gov.uk/government/publications/health-protection-in-schools-and-other-childcare-facilities/preventing-and-controlling-infections>

# Health Publications website



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On this website you can order and download publications created by The Department for Health and Social Care (DHSC), National Health Service England (NHSE) and UK Health Security Agency (UKHSA).


The [Green Book](#) has the latest information on vaccines and vaccination procedures, for vaccine preventable infectious diseases in the UK. Vaccine update is a regular newsletter that features all our new publications, Green Book chapter updates and the latest developments in vaccines, and vaccination policies and procedures. You can view past issues [here](#) and [register](#) to receive the newsletter

## Health Publications


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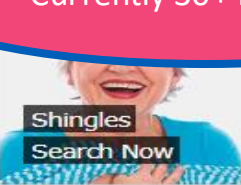
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# Informative Videos

# Hillingdon Vaccination High

(The link above is to a video for schools. Please share with colleagues)

# A video about how vaccines work

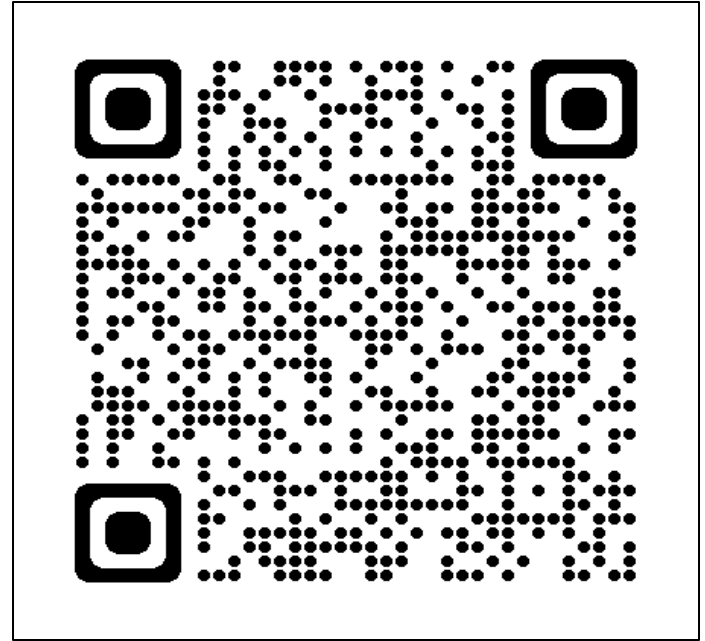


[Do you know how vaccines work? - YouTube](#)

# Measles video QR (That 'must-watch' video about measles)

Measles is more  
infectious than  
the common cold,  
flu and norovirus.

Please scan the QR code for  
more information.



<https://youtu.be/Xe7FPKZgNgw>

# Important Local Contacts

- **NHS contact for school-age vaccination arrangements**
  - Vaccination UK 020 8150 1220 / 020 8150 1215
- **Queries on vaccinations for under 5s OR life course vaccinations**
  - Direct to GP OR check <https://www.nhs.uk/vaccinations/nhs-vaccinations-and-when-to-have-them>
- **Queries on infectious diseases**
  - [Preventing and controlling infections - GOV.UK](#)
  - OR Local Authority Public Health Team at [publichealth@hillingdon.gov.uk](mailto:publichealth@hillingdon.gov.uk)