

# 2024 Recommended Immunizations for Children from Birth Through 6 Years Old

NOTE: — indicates this is the recommended time frame that your child should receive their vaccines.

VACCINE	Birth 0 Months	1 Month	2 Months	4 Months	6 Months	12 Months	15 Months	18 Months	19-23 Months	2-3 Years	4-6 Years	
<b>HepB</b> Hepatitis B	-----		-----			-----						
<b>RV*</b> Rotavirus			-----	-----	----- *							
<b>DTaP</b> Diphtheria, Pertussis, & Tetanus			-----	-----	-----		-----				-----	
<b>Hib*</b> Haemophilus influenzae type b			-----	-----	----- *	-----						
<b>PCV15, PCV20</b> Pneumococcal disease			-----	-----	-----	-----						
<b>IPV</b> Polio			-----	-----	-----						-----	
<b>COVID-19**</b> Coronavirus disease 2019					-----							-----
<b>Flu†</b> Influenza					-----							-----
<b>MMR</b> Measles, Mumps, & Rubella						-----					-----	
<b>Varicella</b> Chickenpox						-----					-----	
<b>HepA‡</b> Hepatitis A						----- ‡		----- ‡				
<b>RSV*</b> Respiratory Syncytial Virus	-----											

## FOOTNOTES

**RV\*** **Hib\***  
Administering a third dose at age 6 months depends on the brand of Hib or rotavirus vaccine used for previous dose.

**RSV\***  
Your child might need an RSV vaccine from birth-19 months. Talk to your doctor or health care provider for more information.

**COVID-19\*\***  
Number of doses recommended depends on your child's age and type of COVID-19 vaccine used.

**Flu†**  
Two doses given at least 4 weeks apart are recommended for children age 6 months through 8 years of age who are getting an influenza (flu) vaccine for the first time and for some other children in this age group. The flu shot should be received yearly.

**HepA‡**  
Two doses of Hep A vaccine are needed for lasting protection. The 2 doses should be given between age 12 and 23 months. Both doses should be separated by at least 6 months. Children 2 years and older who have not received 2 doses of Hep A should complete the series.

## ADDITIONAL INFORMATION

1. If your child misses a shot recommended for their age, talk to your child's doctor as soon as possible to see when the missed shot can be given.
2. If your child has any medical conditions that put them at risk for infection (e.g., sickle cell, HIV infection, cochlear implants) or is traveling outside the United States, talk to your child's doctor about additional vaccines that they may need.

Talk with your child's doctor if you have questions about any shot recommended for your child.



**DISCLAIMER:** Dosages and Vaccinations required are as presented on the CDC's recommended infant vaccination schedule. Contact your health care provider or visit <https://www.cdc.gov/vaccines> for more information.

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## FOR MORE INFO

Call toll free: **1-800-CDC-INFO (1-800-232-4636)**  
Or visit: [cdc.gov/vaccines/parents](https://www.cdc.gov/vaccines/parents)  
View Chart Online: <https://www.cdc.gov/vaccines/schedules/easy-to-read/child-easyread.html>

# Diseases and the Vaccines that Prevent Them

DISEASE	VACCINE	DISEASE SYMPTOMS	DISEASE COMPLICATIONS
<b>Hepatitis B</b>	<b>HepB</b> protects against hepatitis B.	May be no symptoms, fever, headache, weakness, vomiting, jaundice (yellowing of skin and eyes), joint pain	Chronic liver infection, liver failure, liver cancer, death
<b>Rotavirus</b>	<b>RV</b> vaccine protects against rotavirus.	Diarrhea, fever, vomiting	Severe diarrhea, dehydration, death
<b>Diphtheria</b>	<b>DTaP*</b> vaccine protects against diphtheria.	Sore throat, mild fever, weakness, swollen glands in neck	Swelling of the heart muscle, heart failure, coma, paralysis, death
<b>Pertussis</b> (whooping cough)	<b>DTaP*</b> vaccine protects against pertussis (whooping cough).	Severe cough, runny nose, apnea (a pause in breathing in infants)	Pneumonia (infection in the lungs), death
<b>Tetanus</b>	<b>DTaP*</b> vaccine protects against tetanus.	Stiffness in neck and abdominal muscles, difficulty swallowing, muscle spasms, fever	Broken bones, breathing difficulty, death
<b>Haemophilus influenzae type b</b> (Hib)	<b>Hib</b> vaccine protects against Haemophilus influenzae type b.	May be no symptoms unless bacteria enter the blood	Meningitis (infection of the covering around the brain and spinal cord), intellectual disability, epiglottitis (life-threatening infection that can block the windpipe and lead to serious breathing problems), pneumonia (infection in the lungs), death
<b>Pneumococcal disease</b> (PCV15, PCV20)	<b>PCV</b> vaccine protects against pneumococcal disease.	May be no symptoms, pneumonia (infection in the lungs)	Bacteremia (blood infection), meningitis (infection of the covering around the brain and spinal cord), death
<b>Polio</b> Influenza	<b>IPV</b> vaccine protects against polio.	May be no symptoms, sore throat, fever, nausea, headache	Paralysis, death
<b>Coronavirus disease 2019</b> (COVID-19)	<b>COVID-19</b> vaccine protects against severe COVID-19 complications from coronavirus disease 2019.	May be no symptoms, fever, muscle aches, sore throat, cough, runny nose, diarrhea, vomiting, new loss of taste or smell	Pneumonia (infection in the lungs), respiratory failure, blood clots, bleeding disorder, injury to liver, heart or kidney, multi- system inflammatory syndrome, post-COVID syndrome, death
<b>Influenza</b> (Flu)	<b>Flu</b> vaccine protects against influenza.	Fever, muscle pain, sore throat, cough, extreme fatigue	Pneumonia (infection in the lungs), bronchitis, sinus infections, ear infections, death
<b>Measles</b>	<b>MMR**</b> vaccine against measles.	Swollen salivary glands (under the jaw), fever, headache, tiredness, muscle pain	Meningitis (infection of the covering around the brain and spinal cord), encephalitis (brain swelling), inflammation of testicles or ovaries, deafness, death
<b>Mumps</b>	<b>MMR**</b> vaccine against mumps.	Swollen salivary glands (under the jaw), fever, headache, tiredness, muscle pain	Very serious in pregnant women—can lead to miscarriage, stillbirth, premature delivery, birth defects
<b>Rubella</b>	<b>MMR**</b> vaccine against rubella.	Sometimes rash, fever, swollen lymph nodes	Meningitis (infection of the covering around the brain and spinal cord), encephalitis (brain swelling), inflammation of testicles or ovaries, deafness, death
<b>Chickenpox</b>	<b>Varicella</b> vaccine protects against chickenpox.	Rash, tiredness, headache, fever	Infected blisters, bleeding disorders, encephalitis (brain swelling), pneumonia (infection in the lungs), death
<b>Hepatitis A</b>	<b>HepA</b> vaccine protects against	May be no symptoms, fever, stomach pain, loss of appetite, fatigue, vomiting, jaundice (yellowing of skin and eyes), dark urine	Liver failure, arthralgia (joint pain), kidney, pancreatic and blood disorders, death
<b>RSV</b>	<b>RSV</b> vaccine protects against Respiratory Syncytial Virus	Rash, tiredness, headache, fever	Infected blisters, bleeding disorders, encephalitis (brain swelling), pneumonia (infection in the lungs), death

**DTaP\*** combines protection against diphtheria, tetanus, and pertussis.

**MMR\*\*** combines protection against measles, mumps, and rubella.

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