

	Flu Influenza	Tdap Tetanus, diphtheria, pertussis	HPV Human papillomavirus	Meningococcal		Pneumococcal	Dengue	Hepatitis B	Hepatitis A	Polio	MMR Measles, mumps, rubella	Chickenpox Varicella
				MenACWY	MenB							
7-8 Years	Green	Orange		Purple		Purple		Orange	Orange	Orange	Orange	Orange
9-10 Years	Green	Orange	Partial Purple, Partial Yellow Checkered	Purple	Partial Purple	Purple	Green: ONLY in places where dengue spreads	Orange	Orange	Orange	Orange	Orange
11-12 Years	Green	Orange	Green	Green	Partial Purple	Purple	Green: ONLY in places where dengue spreads	Orange	Orange	Orange	Orange	Orange
13-15 Years	Green	Orange	Orange	Orange	Partial Purple	Purple	Green: ONLY in places where dengue spreads	Orange	Orange	Orange	Orange	Orange
16-18 Years	Green	Orange	Orange	Orange	Partial Purple, Partial Blue	Purple	Green: ONLY in places where dengue spreads	Orange	Orange	Orange	Orange	Orange
<b>More information:</b>	Everyone 6 months and older should get a flu vaccine every year if they do not have contraindications	All 11- through 12- year olds should get one shot of Tdap.	All 11- through 12- year olds should get a 2-shot series of HPV vaccine. A 3-shot series is needed for those with weakened immune systems and those who start the series at 15 years or older.	All 11- through 12- year olds should get one shot of meningococcal conjugate (MenACWY). A booster shot is recommended at age 16.	Ages 10 years and older at increased risk <b>should</b> receive a serogroup B meningococcal (MenB) vaccine. Ages 16–18 years old who are not at increased risk <b>may</b> be vaccinated with a MenB vaccine.		Ages 9-16 years who live in dengue endemic areas AND have laboratory confirmation of previous dengue infection					

**COVID-19 vaccination is recommended for ages 6 months and older.**  
**Talk to your child’s doctor or nurse about the vaccines recommended for their age.**

 These shaded boxes indicate when the vaccine is recommended for all children unless your doctor tells you that your child cannot safely receive the vaccine.

 These shaded boxes indicate the vaccine is recommended for children with certain health or lifestyle conditions that put them at an increased risk for serious diseases. See vaccine-specific recommendations at [www.cdc.gov/vaccines/hcp/acip-recs/](http://www.cdc.gov/vaccines/hcp/acip-recs/).

 These shaded boxes indicate the vaccine **SHOULD** be given if a child is catching up on missed vaccines.

 This shaded box indicates children not at increased risk **MAY** get the vaccine if they wish after speaking to a provider.

 This shaded box indicates children not at increased risk may get the vaccine if they wish after speaking to a provider.



U.S. Department of Health and Human Services  
 Centers for Disease Control and Prevention

American Academy of Pediatrics  
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## Vaccine-Preventable Diseases and the Vaccines that Prevent Them

Disease	Vaccine	Disease spread by	Disease symptoms	Disease complications
<b>Chickenpox</b>	Varicella vaccine protects against chickenpox.	Air, direct contact	Rash, tiredness, headache, fever	Infected blisters, bleeding disorders, encephalitis (brain swelling), pneumonia (infection in the lungs), death
<b>Dengue</b>	Dengue vaccine protects against dengue.	Bite from infected mosquito	May be no symptom, fever, headache, pain behind the eyes, rash, joint pain, body ache, nausea, loss of appetite feeling tired, abdominal pain	Severe bleeding, seizures, shock, damage to liver, heart, and lungs, death
<b>Diphtheria</b>	Tdap* and Td** vaccines protect against diphtheria.	Air, direct contact	Sore throat, mild fever, weakness, swollen glands in neck	Swelling of the heart muscle, heart failure, coma, paralysis, death
<b>Hepatitis A</b>	HepA vaccine protects against hepatitis A.	Direct contact, contaminated food or water	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>Hepatitis B</b>	HepB vaccine protects against hepatitis B.	Contact with blood or body fluids	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>Human Papillomavirus</b>	HPV vaccine protects against human papillomavirus.	Direct skin contact	May be no symptoms, genital warts	Cervical, vaginal, vulvar, penile, anal, oropharyngeal cancers
<b>Influenza (Flu)</b>	Flu vaccine protects against influenza.	Air, direct contact	Fever, muscle pain, sore throat, cough, extreme fatigue	Pneumonia (infection in the lungs), bronchitis, sinus infections, ear infections, death
<b>Measles</b>	MMR*** vaccine protects against measles.	Air, direct contact	Rash, fever, cough, runny nose, pink eye	Encephalitis (brain swelling), pneumonia (infection in the lungs), death
<b>Meningococcal Disease</b>	MenACWY and MenB vaccines protect against meningococcal disease.	Air, direct contact	Sudden onset of fever, headache, and stiff neck, dark purple rash	Loss of limb, deafness, nervous system disorders, developmental disabilities, seizure disorder, stroke, death
<b>Mumps</b>	MMR*** vaccine protects against mumps.	Air, direct contact	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>Pertussis</b>	Tdap* vaccine protects against pertussis.	Air, direct contact	Severe cough, runny nose, apnea (a pause in breathing in infants)	Pneumonia (infection in the lungs), death
<b>Pneumococcal Disease</b>	Pneumococcal vaccine protects against pneumococcal disease.	Air, direct contact	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>	Polio vaccine protects against polio.	Air, direct contact, through the mouth	May be no symptoms, sore throat, fever, nausea, headache	Paralysis, death
<b>Rubella</b>	MMR*** vaccine protects against rubella.	Air, direct contact	Sometimes rash, fever, swollen lymph nodes	Very serious in pregnant women—can lead to miscarriage, stillbirth, premature delivery, birth defects
<b>Tetanus</b>	Tdap* and Td** vaccines protect against tetanus.	Exposure through cuts on skin	Stiffness in neck and abdominal muscles, difficulty swallowing, muscle spasms, fever	Broken bones, breathing difficulty, death

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

\*\*Td combines protection against diphtheria and tetanus.

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

If you have any questions about your child's vaccines, talk to your child's doctor or nurse.