

What diseases do these vaccines protect against?

Vaccine-Preventable Disease					
RSV (Respiratory syncytial virus) Contagious viral infection of the nose, throat, and sometimes lungs; spread through air and direct contact	HEPATITIS B Contagious viral infection of the liver; spread through contact with infected body fluids such as blood or semen	ROTAVIRUS Contagious viral infection of the gut; spread through the mouth from hands and food contaminated with stool	DIPHTHERIA* Contagious bacterial infection of the nose, throat, and sometimes lungs; spread through air and direct contact	PERTUSSIS* (Whooping Cough) Contagious bacterial infection of the lungs and airway; spread through air and direct contact	TETANUS* (Lockjaw) Bacterial infection of brain and nerves caused by spores found in soil and dust everywhere; spores enter the body through wounds or broken skin
Disease Complications					
Infection of the lungs (pneumonia) and small airways of the lungs; especially dangerous for infants and young children	Chronic liver infection, liver failure, liver cancer, death	Severe diarrhea, dehydration, death	Swelling of the heart muscle, heart failure, coma, paralysis, death	Infection of the lungs (pneumonia), death; especially dangerous for infants	Seizures, broken bones, difficulty breathing, death

Vaccine-Preventable Disease					
HIB (Haemophilus influenzae type b) Contagious bacterial infection of the lungs, brain and spinal cord, or bloodstream; spread through air and direct contact	PNEUMOCOCCAL Contagious bacterial infection of ears, sinuses, lungs, or bloodstream; spread through direct contact with respiratory droplets like saliva or mucus	POLIO Contagious viral infection of nerves and brain; spread through the mouth from stool on contaminated hands, food or liquid, and by air and direct contact	COVID-19 Contagious viral infection of the nose, throat, or lungs, may feel like a cold or flu. Spread through air and direct contact	INFLUENZA (FLU) Contagious viral infection of the nose, throat, and sometimes lungs, spread through air and direct contact	MEASLES (RUBEOLA)+ Contagious viral infection that causes high fever, cough, red eyes, runny nose, and rash; spread through air and direct contact
Disease Complications					
Depends on the part of the body infected; can include brain damage, hearing loss, loss of arm or leg, death	Depends on the part of the body infected; can include infection of the lungs (pneumonia), blood poisoning, infection of the lining of the brain and spinal cord, death	Paralysis, death	Infection of the lungs (pneumonia), blood clots, liver, heart or kidney damage, long COVID, death	Infection of the lungs (pneumonia), sinus and ear infections, worsening of underlying heart or lung conditions, death	Brain swelling, infection of the lungs (pneumonia), death

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Vaccine-Preventable Disease					
MUMPS† Contagious viral infection that causes fever, tiredness, swollen cheeks, and tender swollen jaw; spread through air and direct contact	RUBELLA † (German Measles) Contagious viral infection that causes low-grade fever, sore throat, and rash; spread through air and direct contact	VARICELLA (Chickenpox) Contagious viral infection that causes fever, headache, and an itchy, blistering rash; spread through air and direct contact	HEPATITIS A Contagious viral infection of the liver; spread by contaminated food or drink or close contact with an infected person	HPV (Human papillomavirus) Contagious viral infection spread by close skin-to-skin touching, including during sex	MENINGOCOCCAL** Contagious bacterial infection of the lining of the brain and spinal cord or the bloodstream; spread through air and direct contact
Disease Complications					
Brain swelling, painful and swollen testicles or ovaries, deafness, death	Very dangerous in pregnant people; can cause miscarriage or stillbirth, premature delivery, severe birth defects	Infected sores, brain swelling, infection of the lungs (pneumonia), death	Liver failure, death	Genital warts and many types of cancers later in life, including cancers of the cervix, vagina, penis, anus, and throat	Loss of arm or leg, deafness, seizures, death

***DTAP**
protects against tetanus, diphtheria, and pertussis

†MMR
protects against measles, mumps, and rubella

****HEALTHY ADOLESCENTS:**
Meningococcal ACWY vaccine; Meningococcal B vaccine

RESOURCE:
[Vaccine Schedule for Children 6 Years or Younger | CDC](#)
[Vaccine Schedule for Older Children and Teens | CDC](#)