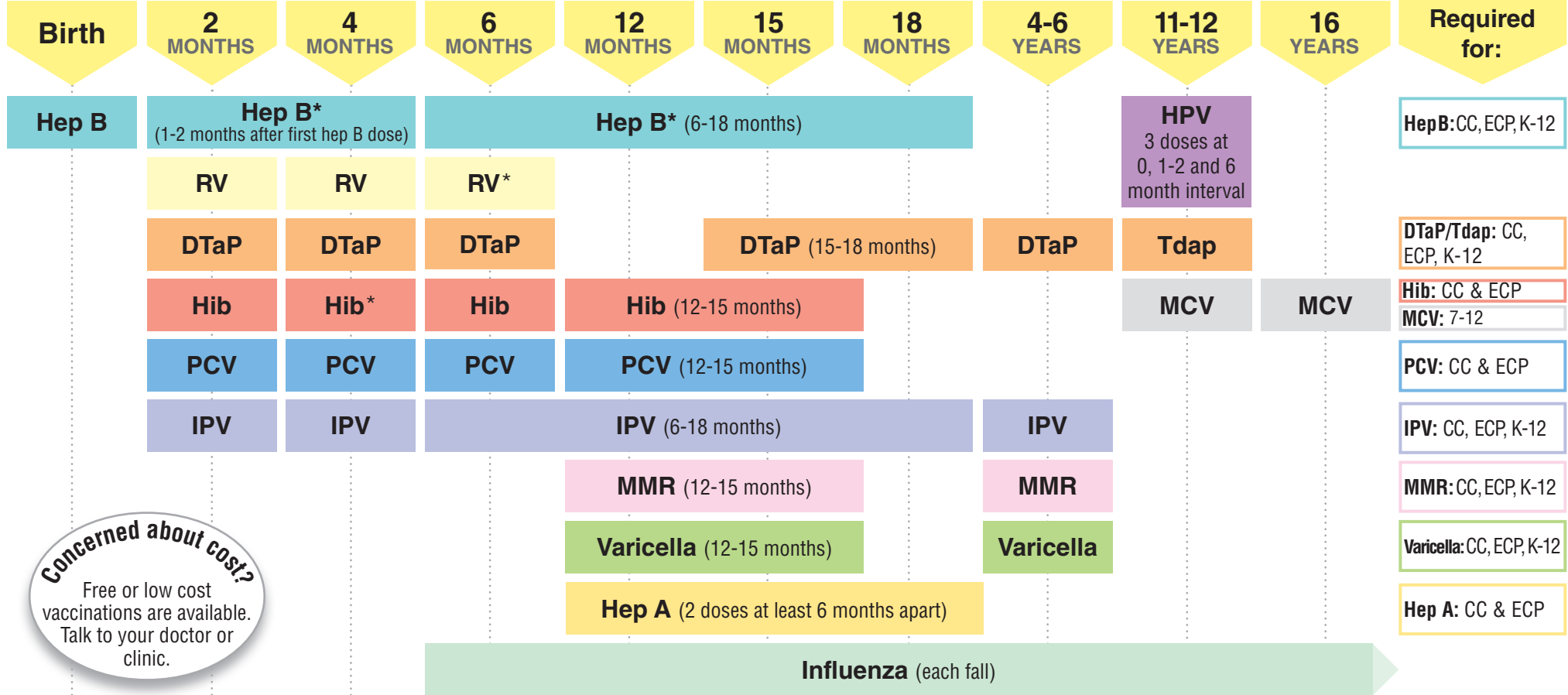


When to Get Vaccines Birth to 16 Years

CC = Child care
ECP = Early Childhood Programs
K-12 = Kindergarten through 12th grade
7-12 = 7th through 12th grade



Concerned about cost?
Free or low cost vaccinations are available. Talk to your doctor or clinic.

It's not too late! If your child has fallen behind on their vaccinations, talk to your doctor or clinic to catch them up.

Minnesota law requires written proof of certain vaccinations for children in child care, early childhood programs, and school. However, if a child has a medical reason or if his/her parents are conscientiously opposed to any or all of the vaccinations, a legal exemption is available.

Children with certain medical conditions may need additional vaccines (e.g., pneumococcal or meningococcal). Talk to your doctor or clinic.

*The number of doses depends on the product your doctor uses.

Pregnant? Protect yourself and your baby from whooping cough, get a Tdap vaccination between 27 and 36 weeks gestation. Talk to your doctor.

For copies of your child's **immunization records**, talk to your doctor or call the Minnesota Immunization Information Connection (MIIC) at 651-201-5503 or 1-800-657-3970.

For a parent-friendly chart of immunizations required for child care, early childhood programs and school, see "Are Your Kids Ready?" available to download from www.health.state.mn.us/divs/idepc/immunize/schedules.html

Vaccine-Preventable Diseases and the Vaccines that Prevent Them

Vaccine/Disease	Disease spread by	Disease symptoms	Disease complications can lead to:
DTaP or Tdap vaccine protects against diphtheria, pertussis, and tetanus	Diphtheria: Air, direct contact Pertussis: Air, direct contact Tetanus: Exposure through cuts in skin	Diphtheria: Sore throat, mild fever, weakness, swollen glands in neck Pertussis: Severe cough, runny nose, apnea (a pause in breathing in infants) Tetanus: Stiffness in neck and abdominal muscles, difficulty swallowing, muscle spasms, fever	Diphtheria: Swelling of the heart, heart failure, coma, paralysis, death Pertussis: Pneumonia (infection in the lungs), brain damage, death Tetanus: Broken bones, breathing difficulty, severe muscle spasms, death,
Hib vaccine protects against <i>Haemophilus influenzae</i> type b	Direct contact, air	May be no symptoms unless bacteria enters the blood; generalized weakness and fever, stiff neck, confusion, irritability, local infections, joint pain	Meningitis (infection of the covering around the brain and spinal cord), shock due to blood infection, swelling of the throat that can lead to serious breathing problems, hearing loss, pneumonia, bone and heart infections, death
Hep A vaccine protects against hepatitis A	Direct contact, contaminated food or water	Fever, stomach pain, loss of appetite, fatigue, vomiting, jaundice (yellowing of skin and eyes), joint pain, dark urine or no symptoms	Liver failure
Hep B vaccine protects against hepatitis B	Contact with blood or body fluids	Fever, headache, weakness, vomiting, jaundice, joint pain, or no symptoms.	Chronic liver infection, cirrhosis, liver failure, liver cancer
HPV vaccine protects against human papillomavirus	Sex, intimate contact	Warts on genitals, or no symptoms	Cervical, vaginal, or vulvar cancer in females; penile cancer in males; anal or oral cancer and genital warts in males and females. Chronic infections requiring ongoing treatment.
Flu vaccine protects against influenza	Air, direct contact	Fever, muscle pain, sore throat, cough, extreme fatigue	Pneumonia, Guillain-Barré syndrome, death
MMR vaccine protects against measles, mumps, and rubella	Air, direct contact	Measles: High fever, cough, runny nose, red watery eyes, rash Mumps: Swollen salivary glands (under the jaw), testicle or ovary swelling, fever, headache, tiredness, muscle pain Rubella: Rash, fever, swollen lymph nodes	Measles: Brain swelling, seizures, ear infection, pneumonia, death Mumps: Meningitis, brain swelling, deafness, sterility Rubella: Very serious in pregnant women—can lead to miscarriage, still-birth, premature delivery, birth defects
MCV vaccine protects against meningitis	Air, direct contact	Severe headache, fever, nausea, vomiting, bruising rash, confusion, extreme sleepiness	Blood infections, amputation, deafness, nervous system problems, developmental disabilities, seizures, death
IPV vaccine protects against polio	Direct contact, through the mouth, air	Sore throat, fever, nausea, headache, leg weakness, or no symptoms	Paralysis, chronic muscle weakness, death
PCV vaccine protects against invasive pneumococcal diseases	Air, direct contact	Fever, cough or difficulty breathing, weakness, severe headache or irritability, or no symptoms	Blood infections, meningitis, pneumonia, death
RV vaccine protects against rotavirus	Through the mouth	Diarrhea, fever, vomiting	Dehydration, collapse
Varicella vaccine protects against chickenpox	Air, direct contact	Itchy rash, fever, tiredness, headache	Skin infection, bleeding disorders, brain swelling, pneumonia