

Table 1

Recommended Child and Adolescent Immunization Schedule for ages 18 years or younger United States, 2019

These recommendations must be read with the Notes that follow. For those who fall behind or start late, provide catch-up vaccination at the earliest opportunity as indicated by the green bars in Table 1. To determine minimum intervals between doses, see the catch-up schedule (Table 2). School entry and adolescent vaccine age groups are shaded in gray.

Vaccine	Birth	1 mo	2 mos	4 mos	6 mos	9 mos	12 mos	15 mos	18 mos	19-23 mos	2-3 yrs	4-6 yrs	7-10 yrs	11-12 yrs	13-15 yrs	16 yrs	17-18 yrs		
Hepatitis B (HepB)	1 st dose	2 nd dose			3 rd dose														
Rotavirus (RV) RV1 (2-dose series); RV5 (3-dose series)			1 st dose	2 nd dose	See Notes														
Diphtheria, tetanus, & acellular pertussis (DTaP; <7 yrs)			1 st dose	2 nd dose	3 rd dose			4 th dose				5 th dose							
<i>Haemophilus influenzae</i> type b (Hib)			1 st dose	2 nd dose	See Notes		3 rd or 4 th dose See Notes												
Pneumococcal conjugate (PCV13)			1 st dose	2 nd dose	3 rd dose		4 th dose												
Inactivated poliovirus (IPV; <18 yrs)			1 st dose	2 nd dose	3 rd dose							4 th dose							
Influenza (IIV) or Influenza (LAIV)					Annual vaccination 1 or 2 doses							Annual vaccination 1 dose only or Annual vaccination 1 or 2 doses							
Measles, mumps, rubella (MMR)					See Notes		1 st dose					2 nd dose							
Varicella (VAR)						1 st dose						2 nd dose							
Hepatitis A (HepA)					See Notes		2-dose series, See Notes												
Meningococcal (MenACWY-D ≥9 mos; MenACWY-CRM ≥2 mos)					See Notes														
Tetanus, diphtheria, & acellular pertussis (Tdap; ≥7 yrs)														Tdap					
Human papillomavirus (HPV)														See Notes					
Meningococcal B														See Notes					
Pneumococcal polysaccharide (PPSV23)														See Notes					
Range of recommended ages for all children																			
Range of recommended ages for catch-up immunization																			
Range of recommended ages for certain high-risk groups																			
Range of recommended ages for non-high-risk groups that may receive vaccine, subject to individual clinical decision-making																			
No recommendation																			

Range of recommended ages for all children

Range of recommended ages for catch-up immunization

Range of recommended ages for certain high-risk groups

Range of recommended ages for non-high-risk groups that may receive vaccine, subject to individual clinical decision-making

No recommendation