

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						
Haemophilus influenzae 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)					Annual vaccination 1 or 2 doses									Annual vaccination 1 dose only				
or																		
Influenza (LAIV)											Annual vaccination 1 or 2 doses		Annual vaccination 1 dose only					
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												1 st dose		2 nd dose	
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