

**Figure 1. Recommended Immunization Schedule for Children and Adolescents Aged 18 Years or Younger—United States, 2018.**

**(FOR THOSE WHO FALL BEHIND OR START LATE, SEE THE CATCH-UP SCHEDULE [FIGURE 2]).**

These recommendations must be read with the footnotes 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 Figure 1. To determine minimum intervals between doses, see the catch-up schedule (Figure 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 <sup>1</sup> (HepB)	1 <sup>st</sup> dose	←-----2 <sup>nd</sup> dose-----→		←-----3 <sup>rd</sup> dose-----→														
Rotavirus <sup>2</sup> (RV) RV1 (2-dose series); RV5 (3-dose series)			1 <sup>st</sup> dose	2 <sup>nd</sup> dose	See footnote 2													
Diphtheria, tetanus, & acellular pertussis <sup>3</sup> (DTaP: <7 yrs)			1 <sup>st</sup> dose	2 <sup>nd</sup> dose	3 <sup>rd</sup> dose				←-----4 <sup>th</sup> dose-----→			5 <sup>th</sup> dose						
<i>Haemophilus influenzae</i> type b <sup>4</sup> (Hib)			1 <sup>st</sup> dose	2 <sup>nd</sup> dose	See footnote 4		←-----3 <sup>rd</sup> or 4 <sup>th</sup> dose,-----→ See footnote 4											
Pneumococcal conjugate <sup>5</sup> (PCV13)			1 <sup>st</sup> dose	2 <sup>nd</sup> dose	3 <sup>rd</sup> dose				←-----4 <sup>th</sup> dose-----→									
Inactivated poliovirus <sup>6</sup> (IPV: <18 yrs)			1 <sup>st</sup> dose	2 <sup>nd</sup> dose	←-----3 <sup>rd</sup> dose-----→						4 <sup>th</sup> dose							
Influenza <sup>7</sup> (IIV)						Annual vaccination (IIV) 1 or 2 doses							Annual vaccination (IIV) 1 dose only					
Measles, mumps, rubella <sup>8</sup> (MMR)					See footnote 8			←-----1 <sup>st</sup> dose-----→				2 <sup>nd</sup> dose						
Varicella <sup>9</sup> (VAR)							←-----1 <sup>st</sup> dose-----→				2 <sup>nd</sup> dose							
Hepatitis A <sup>10</sup> (HepA)							←-----2-dose series, See footnote 10-----→											
Meningococcal <sup>11</sup> (MenACWY-D ≥9 mos; MenACWY-CRM ≥2 mos)				See footnote 11									1 <sup>st</sup> dose	2 <sup>nd</sup> dose				
Tetanus, diphtheria, & acellular pertussis <sup>13</sup> (Tdap: ≥7 yrs)													Tdap					
Human papillomavirus <sup>14</sup> (HPV)														See footnote 14				
Meningococcal B <sup>12</sup>															See footnote 12			
Pneumococcal polysaccharide <sup>5</sup> (PPSV23)											See footnote 5							

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

**NOTE: The above recommendations must be read along with the footnotes of this schedule.**