

Figure 1. Recommended Immunization Schedule for Children and Adolescents Aged 18 Years or Younger—United States, 2017.

(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→<br>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> (IV)  | Annual vaccination (IV) 1 or 2 doses |                        |                      |                        |                        |                        |   |        |                      |           |         | Annual vaccination (IV) 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> (Hib-MenCY ≥6 weeks; 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>12</sup> (Tdap: ≥7 yrs)                |                                      |                        |                      |                        |                        |                        |   |        |                      |           |         |                                     | Tdap                 |                 |                 |        |           |  |
| Human papillomavirus <sup>13</sup> (HPV)   |                                      |                        |                      |                        |                        |                        |   |        |                      |           |         |                                     |                      | See footnote 13 |                 |        |           |  |
| Meningococcal B <sup>11</sup>  |                                      |                        |                      |                        |                        |                        |   |        |                      |           |         |                                     |                      |                 | See footnote 11 |        |           |  |
| 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