**Recommended Child and Adolescent Immunization Schedule for ages 18 years or younger, United States, 2020**

**Measles, mumps, and rubella vaccination** (minimum age: 12 months for routine vaccination)

**Routine vaccination**
- 2-dose series at 12–15 months, 4–6 years
- Dose 2 may be administered as early as 4 weeks after dose 1.

**Catch-up vaccination**
- Unvaccinated children and adolescents: 2-dose series at least 4 weeks apart
- The maximum age for use of MMRV is 12 years.

**Special situations**

**International travel**
- Infants age 6–11 months: 1 dose before departure; revaccinate with 2-dose series with dose 1 at 12–15 months (12 months for children in high-risk areas) and dose 2 as early as 4 weeks later.
- Unvaccinated children age 12 months and older: 2-dose series at least 4 weeks apart before departure

**Meningococcal serogroup A,C,W,Y vaccination** (minimum age: 2 months [MenACWY-CRM, Menveo], 9 months [MenACWY-D, Menactra])

**Routine vaccination**
- 2-dose series at 11–12 years, 16 years

**Catch-up vaccination**
- Age 13–15 years: 1 dose now and booster at age 16–18 years (minimum interval: 8 weeks)
- Age 16–18 years: 1 dose

**Special situations**

**Anatomic or functional asplenia (including sickle cell disease), HIV infection, persistent complement component deficiency, complement inhibitor (e.g., eculizumab, ravulizumab) use:**
- Menveo: Dose 1 at age 1–2 years: 4-dose series at 2, 4, 6, 12 months
- Dose 1 at age 7–23 months: 2-dose series (dose 2 at least 12 weeks after dose 1 and after age 12 months)
- Dose 1 at age 24 months or older: 2-dose series at least 8 weeks apart
- Menactra: Persistent complement component deficiency or complement inhibitor use:
  - Age 9–23 months: 2-dose series at least 12 weeks apart
  - Age 24 months or older: 2-dose series at least 8 weeks apart

**Meningococcal serogroup B vaccination** (minimum age: 10 years [MenB-4C, Bexsero; MenB-FHbp, Trumenba])

**Shared clinical decision-making**
- Adolescents not at increased risk age 16–23 years (preferred age 16–18 years) based on shared clinical decision-making:
  - Bexsero: 2-dose series at least 1 month apart
  - Trumenba: 2-dose series at least 6 months apart; if dose 2 is administered earlier than 6 months, administer a 3rd dose at least 4 months after dose 2.

**Special situations**

Anatomic or functional asplenia (including sickle cell disease), persistent complement component deficiency, complement inhibitor (e.g., eculizumab, ravulizumab) use:
- Bexsero: 2-dose series at least 1 month apart
- Trumenba: 3-dose series at 0, 1–2, 6 months

**Notes**

- For MenB booster dose recommendations for groups listed under “Special situations” and in an outbreak setting and for additional meningococcal vaccination information, see www.cdc.gov/vaccines/hcp/acip-recs/vacc-specific/mening.html.
- Menveo and Trumenba are not interchangeable; the same product should be used for all doses in a series.

**Pneumococcal vaccination** (minimum age: 6 weeks [PCV13], 2 years [PPSV23])

**Routine vaccination with PCV13**
- 4-dose series at 2, 4, 6, 12–15 months

**Catch-up vaccination with PCV13**
- 1 dose for healthy children age 24–59 months with any incomplete* PCV13 series
- For other catch-up guidance, see Table 2.

**Special situations**

- High-risk conditions below: When both PCV13 and PPSV23 are indicated, administer PCV13 first. PCV13 and PPSV23 should not be administered during the same visit.
- Chronic heart disease (particularly cyanotic congenital heart disease and cardiac failure), chronic lung disease (including asthma treated with high-dose, oral corticosteroids), diabetes mellitus:
  - Age 2–5 years
    - Any incomplete* series with:
      - 3 PCV13 doses: 1 dose PCV13 (at least 8 weeks after any prior PCV13 dose)
      - Less than 3 PCV13 doses: 2 doses PCV13 (8 weeks after the most recent dose and administered 8 weeks apart)
    - No history of PPSV23: 1 dose PPSV23 (at least 8 weeks after any prior PCV13 dose)
  - Age 6–18 years
    - No history of PPSV23: 1 dose PPSV23 (at least 8 weeks after any prior PCV13 dose)

**Cerebrospinal fluid leak, cochlear implant:**
- Age 2–5 years
  - Any incomplete* series with:
    - 3 PCV13 doses: 1 dose PCV13 (at least 8 weeks after any prior PCV13 dose)
    - Less than 3 PCV13 doses: 2 doses PCV13 (8 weeks after the most recent dose and administered 8 weeks apart)
  - No history of PPSV23: 1 dose PPSV23 (at least 8 weeks after any prior PCV13 dose)
  - Age 6–18 years
    - No history of either PCV13 or PPSV23: 1 dose PCV13, 1 dose PPSV23 at least 8 weeks later
    - Any PCV13 but no PPSV23: 1 dose PCV13 at least 8 weeks after the most recent dose of PCV13
    - PPSV23 but no PCV13: 1 dose PCV13 at least 8 weeks after the most recent dose of PPSV23