

2012 Recommended Immunization Schedules

Each year, the Advisory Committee on Immunization Practices (ACIP) reviews the recommended immunization schedules to ensure that the schedules reflect the most current recommendations for licensed vaccines. The 2012 Recommended Immunization Schedules can be accessed at <http://www.cdc.gov/vaccines/recs/schedules/default.htm>. Below is a summary of changes in the childhood, adolescent, catch-up, and adult immunization schedules.

Summarized Changes

Recommended Childhood Immunization Schedule (Birth through 6 years old)

- **Quadrivalent meningococcal conjugate vaccine (MCV4)** purple bar has been extended to reflect licensure of MCV4-D (Menactra) use in children as young as age 9 months.
- A wording change has been introduced in the **hepatitis A (HepA) vaccine** yellow bar; wording now states, “Dose 1.” A new yellow and purple bar has been added to reflect HepA vaccine recommendations for children aged 2 years and older.
- Guidance is provided for administration of **hepatitis B (HepB) vaccine** in infants with birth weights <2,000 grams and ≥2,000 grams. Clarification is provided for doses after administration of the birth dose of HepB vaccine.
- **Rotavirus (RV) vaccine** footnotes have been condensed.
- **Haemophilus influenzae type b (Hib) conjugate vaccine** footnotes have been condensed, and use of Hiberix for the booster (final) dose has been clarified.
- **Pneumococcal vaccine** footnotes have been condensed.
- Guidance is provided for use of **measles, mumps, and rubella (MMR) vaccine** in infants aged 6 through 11 months.
- **HepA vaccine** footnotes have been updated to clarify that the second dose of HepA vaccine should be administered 6–18 months after dose 1.
- **MCV4** footnotes have been updated to reflect recent recommendations published in MMWR.
- **Influenza vaccine** footnotes have been updated to provide guidance on live, attenuated influenza vaccine (LAIV) contraindications. Influenza vaccine footnotes also have been updated to clarify dosing for children aged 6 months through 8 years for the 2011–12 and 2012–13 seasons.

Recommended Adolescent Immunization Schedule (7 through 18 years)

- Now includes the **number of doses** for each vaccine.
- Information regarding the recommended age (16 years) for the booster dose of **MCV4** has been added.
- **Tdap vaccine** recommendations for children aged 7 through 10 years have been updated.
- **Human papillomavirus (HPV) vaccine** footnotes have been updated to include routine recommendations for vaccination of males.
- **Varicella (VAR) vaccine** footnotes have been condensed.
- **Inactivated poliovirus vaccine (IPV)** footnotes have been updated to include upper age limit for routine vaccination.

Catch-up Immunization Schedule
(For persons aged 4 months through 18 years who start late or
who are more than 1 month behind)

- Guidance for use of **Hib vaccine** in persons aged 5 years and older has been updated.
- Footnotes for **MMR** have been condensed.
- **Polio (IPV)** footnotes have been condensed and relevant information has been added to the schedule.
- **HepA vaccine and HepB vaccine** footnotes have been removed since relevant wording has been added to the schedule.
- **MCV4 vaccine** has been added along with corresponding footnotes.

Recommended Adult Immunization Schedule
(Over 18 years old)

- A new footnote to links for the full **ACIP vaccine recommendations** and where to find additional information on specific vaccine recommendations for **travelers** was added.
- **Table summarizing precautions and contraindications** was added.
- **Tdap and Td vaccines** - Footnote was updated to indicate:
 - Tdap vaccine is recommended for all persons who are close contacts of infants younger than 12 months of age (e.g., parents, grandparents, and child-care providers) and who have not received Tdap previously.
 - Tdap vaccine is recommended for pregnant women during later pregnancy (>20 weeks gestation).
 - Other adults who are close contacts of children younger than 12 months of age continue to be recommended to receive a one-time dose of Tdap vaccine.
- **HPV vaccine** – Footnote was updated to include routine vaccination of males 11–12 years of age, with catch-up vaccination recommended for males 13–21 years of age. Also now recommended for previously unvaccinated males 22–26 years of age who are immunocompromised, or who test positive for human immunodeficiency virus (HIV) infection, or who have sex with men.
- **Hep B vaccine** - Footnote was updated to include the recommendation to vaccinate adults younger than 60 years old who have diabetes, as soon as possible after diabetes is diagnosed. Also now recommended at the discretion of the treating clinician for adults with diabetes who are 60 years or older based on a patient’s likely need for assisted blood glucose monitoring, likelihood of acquiring hepatitis B, and likelihood of immune response to vaccination.
- **Zoster vaccine** – Notes that the vaccine was recently approved by FDA for administration to persons 50 years of age and older; however, ACIP continues to recommend that vaccination begin at age 60 years.
- **Influenza vaccine** - Footnote was revised to specify age indications for the different licensed formulations of trivalent inactivated influenza vaccine (TIV).
- **MMR vaccine** - Footnote was simplified to focus only on routine use of this vaccine in adults. Readers referred to ACIP MMR and health-care personnel recommendations regarding the use of MMR vaccine in outbreak settings.
- **MCV4 and MPSV4 vaccines** - Specific information added about for specific age and risk groups.