

CDC Recommended Immunization Schedules

NCIRD
National Center for
Immunization and
Respiratory Diseases



Prevention of disease, disability, and death through immunization and by control of respiratory and related diseases.

2024 Recommended Immunization Schedules Now Online

The 2024 ACIP Recommended Immunization Schedules were posted online today. As a reminder, the schedules summarize final recommendations that were previously adopted and made official by the CDC director. Therefore, these schedules are effective immediately.

***Earlier availability of the 2024 Immunization Schedules is part of CDC's efforts to better support immunization professionals and improve timely implementation of new recommendations.*



Schedule Changes & Guidance

Schedule changes are reflected in CDC's healthcare provider web content as well as on the Immunization Schedule App.

The new schedules include October 2023 recommendations for use of Mpox and pentavalent meningococcal vaccine and updated recommendations for the following vaccines:

- COVID-19
- RSV
- Influenza



2024 Recommended Immunization Schedules

Child and Adolescent Schedule

Adult Schedule

Table 1 Recommended Child and Adolescent Immunization Schedule for Ages 18 Years or Younger, United States, 2024

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. To determine minimum intervals between doses, see the catch-up schedule (Table 2).

Vaccine and other immunizing agents	Birth	1 mo	2 mo	4 mo	6 mo	9 mo	12 mo	15 mo	18 mo	19–23 mo	2–3 yrs	4–6 yrs	7–10 yrs	11–12 yrs	13–15 yrs	16 yrs	17–18 yrs
Respiratory syncytial virus (RSV) aA5 (Sivdenivab)	1 dose (depending on maternal RSV vaccination status, see notes)		1 dose (8 through 19 months); See Notes														
Hepatitis B (HepB)	1 st dose	2 nd dose	3 rd dose														
Rotavirus (RV) (RV1 (2-dose series), RV2 (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
Acne/influenza influenzae type b (H5N1)	1 st dose	2 nd dose	See Notes														
Pneumococcal conjugate (PCV15, PCV20)	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														
COVID-19 (16CVR mRNA, 14CVR APF)	1 or more doses of updated (2023–2024 Formula) vaccine (See Notes)																
Influenza (IV)	Annual vaccination 1 or 2 doses																
Influenza (LAIV)	Annual vaccination 1 dose only																
Mumps, measles, rubella (MMR)	See Notes																
Varicella (VAR)	1 st dose																
Hepatitis A (HepA)	2-dose series; See Notes																
Tetanus, diphtheria, acellular pertussis (Tdap > 7 yrs)	1 dose																
Human papillomavirus (HPV)	See Notes																
Meningococcal (MenACW/CYF/CIM 23 mm, MenB (B) 13 vaccine)	See Notes																
Meningococcal (MenAC, MenB (Hibap))	See Notes																
Respiratory syncytial virus vaccine (RSV (Abrysvo))	See Notes																
Dengue (DENACYS, 9–14 yrs)	See Notes																
Misc	See Notes																

■ Range of recommended ages for all children
■ Range of recommended ages for catch-up vaccination
■ Range of recommended ages for contact high-risk groups
■ Recommended vaccination can begin in this age group
■ Recommended vaccination based on shared clinical decision-making
■ No recommendation/not applicable

Table 1 Recommended Adult Immunization Schedule by Age Group, United States, 2024

Vaccine	19–24 years	27–49 years	50–64 years	≥65 years
COVID-19	1 or more doses of updated (2023–2024 Formula) vaccine (See Notes)			
Influenza inactivated (IV) or influenza recombinant (RV) (LAIV)	1 dose annually			
Respiratory Syncytial Virus (RSV)	Seasonal administration during pregnancy; See Notes		>60 years	
Tetanus, diphtheria, pertussis (Td/Tdap)	1 dose Tdap each pregnancy; 1 dose Td/Tdap for wound management (see notes)			
Mumps, measles, rubella (MMR)	1 or 2 doses depending on indication (if born in 1957 or later)			For healthcare personnel, see notes
Varicella (VAR)	2 doses (if born in 1950 or later)		2 doses	
Zoster recombinant (RZV)	2 doses for immunocompromising conditions (see notes)			
Human papillomavirus (HPV)	2 or 3 doses depending on age at initial vaccination or condition		27 through 45 years	
Pneumococcal (PCV15, PCV20, PPSV23)	See Notes			
Hepatitis A (HepA)	2, 3, or 4 doses depending on vaccine			
Hepatitis B (HepB)	2, 3, or 4 doses depending on vaccine or condition			
Meningococcal A, C, W, Y (MenACWY)	1 or 2 doses depending on indication; see notes for booster recommendations			
Meningococcal B (MenB)	19 through 23 years			
Acne/influenza influenzae type b (H5N1)	1 or 2 doses depending on vaccine and indication; see notes for booster recommendations			
Misc	See Notes			

■ Recommended vaccination for adults who meet age requirement, lack documentation of vaccination, or lack evidence of immunity
■ Recommended vaccination for adults with an additional risk factor or another indication
■ Recommended vaccination based on shared clinical decision-making
■ No recommendation/not applicable

Coming in Early 2024



Updates to online vaccine assessment tools

Updates to parent friendly schedules

MMWRs summarizing the 2024 updates