



Department of Health and Social Services
Karleen Jackson, PhD, Commissioner
Jay Butler, MD, Chief Medical Officer
3601 C Street, Suite 540
Anchorage, Alaska 99503

<http://www.epi.Alaska.gov>


Division of Public Health
Beverly Wooley, Director
Local (907) 269-8000
24 Hour Emergency (800) 478-0084


Editors:
Joe McLaughlin, MD, MPH
Bradford D. Gessner, MD, MPH

Bulletin No. 4 February 12, 2008

Recommended Immunization Schedule for Children Aged 7–18 Years — Alaska, 2008

Vaccine ▼	Age ►	7–10 years	11–12 years	13–18 years
Tetanus, Diphtheria, Pertussis (Tdap)		See Tdap footnote	Tdap	Tdap
Human Papillomavirus (HPV)		See HPV footnote	HPV (3 doses)	HPV
Meningococcal		MCV4	MCV4	MCV4
Pneumococcal			PPV	
Influenza			Influenza (yearly)	
Hepatitis A			Hep A Series	
Hepatitis B			Hep B Series	
Inactivated Poliovirus			IPV Series	
Measles, Mumps, Rubella			MMR Series	
Varicella			Varicella Series	

 Catch-up immunization

 Certain high-risk groups

Tetanus and diphtheria toxoids and acellular pertussis vaccine (Tdap) (Minimum age: 10 yrs for Boostrix[®], 11 yrs for Adacel[®])

- Administer at age 11–12 yrs for those who have completed the recommended childhood DTP/DTaP vaccination series and have not received a Td booster dose.
- Adolescents aged 13–18 yrs who missed the 11–12 yr Tdap dose or received Td only are encouraged to receive one dose of Tdap 5 yrs after the last Td/DTaP dose.

Human papillomavirus vaccine (HPV) (Minimum age: 9 yrs)

- Administer dose 1 of HPV vaccine series to females at age 11–12 yrs.
- Administer second dose 2 mos after first dose and third dose 6 mos after first dose.
- Administer HPV vaccine series to females at age 13–18 yrs if not previously vaccinated.

Meningococcal vaccine

- Administer 1 dose of MCV4 at age 11–12 yrs, or at age 13–18 yrs if not previously vaccinated. Meningococcal polysaccharide vaccine (MPSV4) is an acceptable alternative.
- Administer MCV4 to previously unvaccinated college freshmen living in dormitories. (Note: state-supplied vaccine is available only for persons through age 18 yrs.)
- MCV4 is recommended for children aged 2–10 yrs with terminal complement deficiencies or anatomic or functional asplenia and certain other groups at high risk.
<http://www.cdc.gov/mmwr/PDF/rr/rr5407.pdf> (Table 6)
- Persons who received MPSV4 ≥ 3 yrs previously and remain at increased risk for meningococcal disease should be vaccinated with MCV4.
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5648a4.htm?s_cid=mm5648a4_e

Pneumococcal polysaccharide vaccine (PPV)

- (Minimum age: 2 yrs)
- Administer to certain groups at high risk.
<http://www.cdc.gov/mmwr/PDF/rr/rr4608.pdf> (Table 12)

Influenza vaccine

- Administer annually to all close contacts of children aged 0–59 mos.

- Administer annually to persons with certain high risk factors, healthcare workers, and other persons (including household members in close contact with persons at higher risk).
- Administer 2 doses (separated by ≥ 4 weeks) to children aged < 9 yrs who are receiving influenza vaccine for the first time or who were vaccinated for the first time last season but only received 1 dose.
- For healthy nonpregnant persons (i.e., those who do not have underlying medical conditions that predispose them to influenza complications) aged 2–49 yrs, either Live Attenuated Influenza Vaccine (LAIV) or Trivalent Inactivated Influenza Vaccine (TIV) may be used.

Hepatitis A vaccine (Hep A)

- Administer 2 doses at least 6 mos apart.
- Hep A vaccine is recommended for all children in Alaska.

Hepatitis B vaccine (Hep B)

- Administer the 3-dose series to persons who were not previously vaccinated.

Inactivated poliovirus vaccine (IPV)

- For children who received an all-IPV or all-oral poliovirus (OPV) series, a fourth dose is not necessary if the third dose was administered at age ≥ 4 yrs.
- If both OPV and IPV were administered as part of a series, a total of 4 doses should be given, regardless of the child's current age.

Measles, mumps and rubella vaccine (MMR)

- If not previously vaccinated, administer 2 doses of MMR during any visit, with ≥ 4 wks between the doses.

Varicella vaccine

- Administer 2 doses of varicella vaccine to persons without evidence of immunity.
<http://www.cdc.gov/mmwr/pdf/rr/rr5604.pdf>
- Administer 2 doses of varicella vaccine at least 3 months apart to persons aged < 13 yrs. (If the immunization history indicates dose 1 and dose 2 were separated by ≥ 28 days, but less than the currently recommended interval of 3 mos, dose 2 does not have to be repeated.)
- Administer 2 doses of varicella vaccine at least 4 wks apart to persons aged ≥ 13 yrs.