



# Immunization Quick Reference 2012-13

## Immunization Chart for *Required* vaccines (Child Care, Preschool & K-Entry)

1. This chart is a **tool** for childcare providers to determine which vaccines children in your care need to have in order to be in compliance with state immunization **requirements**. Select the appropriate age range for the child from the left hand column. Review the child's immunization record to assure they have at least the number of doses listed under each vaccine column directly to the right of their age.
2. If the child does not have the minimum number of doses, they must immediately be placed on a plan to obtain the required vaccinations. The parent is to be directly notified (in person, by phone, or by mail) that their child does not have the minimum number of **required** doses. Within 14 days of direct notification, the parent submits documentation that the next required vaccine has been given and provides a signed written plan for obtaining the remaining required immunizations. (Colorado law has allowances for medical, religious, and personal exemptions).

Age of Child	# of required doses DT, DTP, or DTaP Diphtheria, Tetanus Pertussis	# of required doses Polio <i>Polio</i>	# of required doses MMR Measles Mumps Rubella	# of required doses Hib <i>Haemophilus influenzae type b</i>	# of required doses Hep B <i>Hepatitis B</i>	# of required doses Varicella <i>Chickenpox</i>	# of required doses PCV7 or PCV13 <i>Pneumococcal Disease</i>
< 4 mos.							
by 4 mos.	1	1		1	1		1
by 6 mos.	2	2		2	2		2~
by 8 mos.	2	2		2	2		3/2~
by 12 mos.	3	2		3/2♥	2		3/2~
by 15 mos.	3	2	1+	3/2♥	2	1*	4/3/2~
by 19 mos.	4	3	1	3/2/1♥	3	1	4/3/2~
by 2 years	4	3	1	3/2/1♥	3	1	4/3/2~
by 3 years	4	3	1	3/2/1♥	3	1	4/3/2~
by 4 years	4	3	1	3/2/1♥	3	1	4/3/2~
K-Entry	5/4♦	4/3♣	2		3	2	

- ♥ The number of Hib doses required depends on the child's current age and the age when the Hib vaccine was administered. If any dose is given at or over, 15 months, the Hib requirement is met. For children who begin the series before 12 months, 3 doses are required, of which at least 1 dose must be administered at, or over, 12 months. If the 1<sup>st</sup> dose was given at 12 to 14 months, 2 doses are required. If the current age is 5 years or older, no new or additional doses are required.
- ~ The number of doses of pneumococcal conjugate vaccine (PCV7 or PCV13) depends on the student's current age and the age when the 1<sup>st</sup> dose was administered. If the 1<sup>st</sup> dose was administered between 2 to 6 months of age, the child will receive 3 doses two months apart, and an additional dose between 12 to 15 months of age. If started between 7 to 11 months of age, the child will receive 2 doses, two months apart, and an additional dose between 12 to 15 months of age. If the 1<sup>st</sup> dose was given between 12 to 23 months of age, 2 doses are required. Any dose given at 24 months through 4 years of age, the PCV vaccine requirement is met. There is no requirement once the child turns 5 years of age. (Note: PCV13 has replaced PCV7 as of April 2010).
- + MMR given more than 4 days before the 1<sup>st</sup> birthday is not a valid dose. That dose must be repeated.
- ♦ Five doses of pertussis, tetanus, and diphtheria vaccines are required at school entry in Colorado unless the 4th dose was given at 48 months of age or older (i.e., on or after the 4th birthday) in which case only 4 doses are required. There must be at least 4 weeks between dose 1 and dose 2, at least 4 weeks between dose 2 and dose 3, at least 6 months between dose 3 and dose 4, and at least 6 months between dose 4 and dose 5. The final dose must be given no sooner than 4 years of age (dose 4 may be given at 12 months of age provided there is at least 6 months between dose 3 and dose 4).
- ♣ Four doses of polio vaccine are required at school entry in Colorado unless the 3<sup>rd</sup> dose was given at 48 months of age or older (i.e., on or after the 4<sup>th</sup> birthday), in which case only 3 doses are required. There must be at least 4 weeks between dose 1 and dose 2, at least 4 weeks between dose 2 and dose 3, and at least 6 months between dose 3 and dose 4. The final dose must be given no sooner than 4 years of age.
- \* If a child has had chickenpox disease and it is documented by a health care provider, that child has met the varicella requirement. Varicella given more than 4 days before the 1<sup>st</sup> birthday is not a valid dose. That dose must be repeated.
- ✂ The 2<sup>nd</sup> dose of Hep B is to be given at least 4 weeks after the 1<sup>st</sup> dose; 3<sup>rd</sup> dose to be given at least 16 weeks (4 months) after 1<sup>st</sup> dose; and last dose to be given at least 8 weeks after 2<sup>nd</sup> dose and at 6 months of age or older. (For those kids who have 3 doses prior to 7/1/09, they do not need to follow the above stated intervals.)

Many Colorado children receive vaccines based on the **recommended** schedule from the Advisory Committee on Immunization Practices (ACIP), ensuring that kids are well protected against vaccine-preventable diseases. The schedule for Colorado's **required** immunizations may vary so, for this reason, please do not share this schedule with parents as it can cause confusion. This chart is a tool for child care providers.