



Colorado Department  
of Public Health  
and Environment

**DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT**  
**Disease Control and Environmental Epidemiology Division**

**6 CCR 1009-2**

**RULES PERTAINING TO THE INFANT IMMUNIZATION PROGRAM,  
THE VACCINES FOR CHILDREN PROGRAM, AND  
THE IMMUNIZATION OF STUDENTS ATTENDING SCHOOL**

**(Promulgated by the State Board of Health)**

**Last amended 11/16/11, effective 7/01/2012  
(Definition G, Section VI. B, and Table 1 with footnotes)**

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Table 1. MINIMUM NUMBER OF DOSES REQUIRED FOR CERTIFICATE OF IMMUNIZATION

Approved on 11/16/2011 for the 2013-2014 School Year

VACCINE <sup>a</sup>	Level of School/Age of Student											
	Child Care 2 – 3 mos	Child Care 4 – 5 mos	Child Care 6 – 7 mos	Child Care 8 – 11 mos	Child Care 12 – 14 mos	Child Care 15 – 18 mos	Child Care 19 - 23 mos	Pre school 2 – 4 yrs	K Entry 4 – 6 Yrs	Grades K to 5 5–10 yrs	Grades 6 to 12 11–18+ yrs	College
Hepatitis B <sup>l</sup>	1	2	3						3	3	3	
Pertussis/ Tetanus/ Diphtheria	1	2	3		see foot- note b	4			5/4 <sup>b</sup>	5/4 <sup>b,c</sup>	5/6 <sup>c,d</sup>	
Haemophilus influenzae type b (Hib) <sup>j</sup>	1	2	2	3/2	4/3/2	4/3/2/1	4/3/2/1	4/3/2/1				
Pneumococcal Conjugate <sup>k</sup>	1	2	3/2		4/3/2 see footnote k							
Polio <sup>e</sup>	1	2	3						4/3 <sup>f</sup>	4/3 <sup>f</sup>	4/3 <sup>f</sup>	
Measles/ Mumps/ Rubella <sup>g</sup>					1	see footnote g			2 <sup>h</sup>	2 <sup>h</sup>	2 <sup>h</sup>	2 <sup>h,i</sup>
Varicella <sup>m</sup>					1	see footnote n			2 <sup>n</sup>	2/1 <sup>n</sup>	2/1 <sup>n,o</sup>	
Meningococcal												P.O.

- a Vaccine doses administered no more than 4 days before the minimum interval or age are to be counted as valid.
- b 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 46 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). If a child has received 6 doses of DTaP before the age of 4 years, no additional doses are required. If DTaP #4 is given with at least a 4 month interval after DTaP #3, it does not need to be repeated. Tdap mistakenly given to a child younger than 7 years of age as either dose #4 or #5 can be counted as valid for DTaP doses #4 or #5. One dose of Tdap is required for students 11 – 12 years of age at 6<sup>th</sup> grade entry, regardless of the interval since the last dose of DTaP, DT, or Td.
- c For students 7 years of age or older who have not had the required number of pertussis doses, no new or additional doses are required. Any student 7 years of age or older at school entry in Colorado who has not completed a full primary series of DTaP3 appropriately spaced doses of tetanus and diphtheria vaccine will may be certified after a single dose of Tdap, the 3rd dose of tetanus and diphtheria vaccine (or tetanus, diphtheria, and pertussis vaccine if 10 or 11 years) if it is given 6 months or more after the last 2nd dose of DTaP.
- d One dose of Tdap is required for students 11 – 12 years of age at 6<sup>th</sup> grade entry, regardless of the interval since the last dose of DTaP, DT, or Td. The student must meet the minimum prior requirement for the 4th or 5th doses of diphtheria, tetanus, and pertussis vaccine and have 1 tetanus, diphtheria, and pertussis vaccine dosedose.
- e For polio, in lieu of immunization, written evidence of a laboratory test showing immunity is acceptable.
- f Four doses of polio vaccine are required at school entry in Colorado unless the 3rd dose was given at 48 months of age or older (i.e., on or after the 4th 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. Minimum age/interval does not apply if 4<sup>th</sup> dose of polio (3<sup>rd</sup> dose if given after 4<sup>th</sup> birthday) was administered prior to July 1, 2009.

- 38 g For measles, mumps, and rubella, in lieu of immunization, written evidence of a laboratory test showing immunity  
39 is acceptable for the specific disease tested. The 1st dose of measles, mumps, and rubella vaccine must have  
40 been administered at 12 months of age or older (i.e., on or after the 1st birthday) to be acceptable.  
41 [Documentation of 1 dose of rubella vaccine and 2 doses of measles and 2 doses of mumps vaccines on or after](#)  
42 [the first birthday meets the school requirement.](#)
- 43 h The 2nd dose of measles vaccine or measles, mumps, and rubella vaccine must have been administered at least  
44 28 calendar days after the 1st dose.
- 45 i Measles, mumps, and rubella vaccine is not required for college students born before January 1, 1957.
- 46 j The number of Hib vaccine doses required depends on the student's current age and the age when the vaccine  
47 was administered. If any dose was given at 15 months of age or older, the Hib vaccine requirement is met. For  
48 students who began the series before 12 months of age, 3 doses are required of which at least 1 dose must have  
49 been administered at 12 months of age or older (i.e., on or after the 1st birthday). If the 1st dose was given at 12  
50 to 14 months of age, 2 doses are required. If the current age is 5 years of age or older, no new or additional  
51 doses are required.
- 52 k The number of pneumococcal conjugate vaccine (PCV) doses required depends on the student's current age and  
53 the age when the 1st dose was administered. If the 1<sup>st</sup> dose was administered before 6 months of age, the child is  
54 required to receive 3 doses 2 months apart and an additional dose between 12 – 15 months of age. If started  
55 between 7 – 11 months of age, the child is required to receive 2 doses, two months apart and an additional dose  
56 between 12 – 15 months of age. For any student who received the 3<sup>rd</sup> dose on or after the first birthday, a 4<sup>th</sup>  
57 dose is not required. If the 1<sup>st</sup> dose was given at 12 to 23 months of age, 2 doses are required. If any dose was  
58 given at 24 months of age through 4 years of age, the PCV vaccine requirement is met. If the current age is 5  
59 years or older, no new or additional doses are required.
- 60 l For hepatitis B, in lieu of immunization, written evidence of a laboratory test showing immunity is acceptable. The  
61 second dose is to be administered at least 4 weeks after the first dose, and the third dose is to be administered at  
62 least 16 weeks after the first dose and at least 8 weeks after the second dose. The final dose is to be  
63 administered at 24 weeks of age (6 months of age) or older and is not to be administered prior to 6 months of  
64 age. Minimum age/interval does not apply to those students who had 3 doses of the vaccine administered prior to  
65 July 1, 2009.
- 66 m For varicella, written evidence of a laboratory test showing immunity or a documented disease history from a  
67 health care provider is acceptable. The 1st dose of varicella vaccine must have been administered at 12 months  
68 of age or older (i.e., on or after the 1st birthday) to be acceptable.
- 69 n If the second dose of varicella vaccine was administered to a child before 13 years of age, the minimum interval  
70 between dose 1 and dose 2 is three months, however, if the second dose is administered at least 28 days  
71 following the first dose, the second dose does not need to be repeated. For a child who is 13 years of age or  
72 older, the second dose of varicella vaccine must have been administered at least 28 calendar days after the 1<sup>st</sup>  
73 dose. See Table 2 for the school years/grade levels that the 1st and 2<sup>nd</sup> doses of varicella will be required.
- 74 o Information concerning meningococcal disease and the meningococcal vaccine shall be provided to each new  
75 student or if the student is under 18 years, to the student's parent or guardian. If the student does not obtain a  
76 vaccine, a signature must be obtained from the student or if the student is under 18 years, the student's parent or  
77 guardian indicating that the information was reviewed.
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**Table 2. TIMETABLE FOR IMPLEMENTATION OF REQUIREMENTS FOR  
SELECTED IMMUNIZATIONS FOR GRADES K TO 12**

Refer to Table 1 for the minimum number of doses required for a particular grade level. Table 2 shows the year of implementation for a requirement from Table 1 and is restricted to varicella vaccine dose 1 (Var1) and dose 2 (Var2) ~~and tetanus, diphtheria, and pertussis vaccine (Tdap).~~ Requirements and effective dates for other vaccines are listed in Table 1. In this table, after a vaccine is required for grades K to 12, it is no longer shown, but the requirements listed in Table 1 continue to apply.

School Year	Grade Level												
	<u>K</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>
<u>2007-08</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Tdap Var1</u>	<u>Var1</u>			<u>Tdap</u>		
<u>2008-09</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Tdap Var1</u>	<u>Tdap Var1</u>	<u>Var1</u>		<u>Tdap</u>	<u>Tdap</u>	
<u>2009-10</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Tdap Var1</u>	<u>Tdap Var1</u>	<u>Tdap Var1</u>	<u>Var1</u>	<u>Tdap</u>	<u>Tdap</u>	<u>Tdap</u>
<u>2010-11</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Tdap Var1</u>	<u>Tdap Var1</u>	<u>Tdap Var1</u>	<u>Tdap Var1</u>	<u>Tdap Var1</u>	<u>Tdap</u>	<u>Tdap</u>
<u>2011-12</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	
<u>2012-13</u> <u>(Var1</u> <u>required for</u> <u>grades K to</u> <u>12)</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>
<u>2013-14</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>						
<u>2014-15</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>						
<u>2015-16</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>						
<u>2016-17</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>	<u>Var1</u>						
<u>2017-18</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>	<u>Var1</u>						
<u>2018-19</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var1</u>						
<u>2019-20</u> <u>(Var2</u> <u>required for</u> <u>grades K to</u> <u>12)</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>	<u>Var2</u>						

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