### Vaccines

#### Prekindergarten (Day Care, Head Start, Nursery or Pre-k)

<table>
<thead>
<tr>
<th>Vaccines</th>
<th>Prekindergarten (Day Care, Head Start, Nursery or Pre-k)</th>
<th>Kindergarten and Grades 1 and 2</th>
<th>Grades 3, 4 and 5</th>
<th>Grades 6, 7 and 8</th>
<th>Grades 9, 10, 11 and 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diphtheria and Tetanus toxoid-containing vaccine and Pertussis vaccine (DTaP/DTP/Tdap)²</td>
<td>4 doses</td>
<td>5 doses or 4 doses if the 4th dose was received at 4 years of age or older or 3 doses if aged 7 years or older and the series was started at 1 year of age or older</td>
<td>3 doses</td>
<td>Not applicable</td>
<td>1 dose</td>
</tr>
<tr>
<td>Tetanus and Diphtheria toxoid-containing vaccine and Pertussis vaccine booster (Tdap)³</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>1 dose</td>
</tr>
<tr>
<td>Polio vaccine (IPV/OPV)⁴</td>
<td>3 doses</td>
<td>4 doses or 3 doses if the 3rd dose was received at 4 years of age or older</td>
<td>3 doses</td>
<td>4 doses or 3 doses if the 3rd dose was received at 4 years of age or older</td>
<td>3 doses</td>
</tr>
<tr>
<td>Measles, Mumps and Rubella vaccine (MMR)⁵</td>
<td>1 dose</td>
<td>2 doses</td>
<td>2 doses</td>
<td>2 doses</td>
<td>1 dose</td>
</tr>
<tr>
<td>Hepatitis B vaccine⁶</td>
<td>3 doses</td>
<td>3 doses or 2 doses of adult hepatitis B vaccine (Recombivax) for children who received the doses at least 4 months apart between the ages of 11 through 15 years of age</td>
<td>Not applicable</td>
<td>By Grade 7: 1 dose</td>
<td>1 dose</td>
</tr>
<tr>
<td>Varicella (Chickenpox) vaccine⁷</td>
<td>1 dose</td>
<td>2 doses</td>
<td>1 dose</td>
<td>2 doses</td>
<td>1 dose</td>
</tr>
<tr>
<td>Meningococcal conjugate vaccine (MenACWY)⁸</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>By Grade 7: 1 dose</td>
<td>Grade 12: 2 doses or 1 dose if the dose was received at 16 years of age or older</td>
</tr>
<tr>
<td>Haemophilus influenzae type b conjugate vaccine (Hib)⁹</td>
<td>1 to 4 doses</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Pneumococcal Conjugate vaccine (PCV)¹⁰</td>
<td>1 to 4 doses</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

### Notes:

Children in a prekindergarten setting should be age-appropriately immunized. The number of doses depends on the schedule recommended by the Advisory Committee on Immunization Practices (ACIP). For grades Pre-k through 8, intervals between doses of vaccine should be in accordance with the ACIP-recommended immunization schedule for persons 0 through 18 years of age. (Exception: intervals between doses of polio vaccine need to be reviewed only for grades prekindergarten, kindergarten, 1, 2, 6, 7 and 8.) Doses received before the minimum age or intervals are not valid and do not count toward the number of doses listed below. Intervals between doses of vaccine DO NOT need to be reviewed for grades 9 through 12. See footnotes for specific information for each vaccine. Children who are enrolling in grade-less classes should meet the immunization requirements of the grades for which they are age equivalent.

Dose requirements MUST be read with the footnotes of this schedule.
1. Demonstrated serologic evidence of measles, mumps, rubella, hepatitis B, varicella or polio (for all three serotypes) antibodies is acceptable proof of immunity to these diseases. Diagnosis by a physician, physician assistant or nurse practitioner that a child has had varicella disease is acceptable proof of immunity to varicella.

2. Measles and mumps toxoids and acellular pertussis (DTaP) vaccine. (Minimum age: 6 weeks)
   a. Children starting the series on time should receive a 5-dose series of DTaP vaccine at ages 2 months, 4 months, 6 months and at 15 through 18 months and at 4 years of age or older. The fourth dose may be received as early as age 12 months, provided at least 6 months have elapsed since the third dose. However, the fourth dose of DTaP need not be repeated if it was administered at least 4 months after the third dose of DTaP. The final dose in the series must be received on or after the fourth birthday.
   b. If the fourth dose of DTaP was administered at age 4 years or older, the fifth (booster) dose of DTaP vaccine is not required.
   c. For children born before 1/1/2005, only immunity to diphtheria is required and doses of DT and Td can meet this requirement.
   d. Children ages 7 through 10 years who are not fully immunized with the childhood DTaP vaccine series should receive Tdap vaccine as the first dose in the catch-up series; if additional doses are needed, use Td vaccine. A Tdap vaccine (or incorrectly administered DTaP vaccine) received at 7 years or age or older will meet the 6th grade Tdap requirement.
   e. For children 7 years of age or older who received the first dose on or after their first birthday, the immunization requirement is 3 doses. If the first dose was received before their first birthday, then 4 doses are required.

3. Tetanus and diphtheria toxoids and acellular pertussis (Tdap) vaccine. (Minimum age: 7 years)
   a. Students 11 years of age or older entering grades 6 through 12 are required to have one dose of Tdap. A dose received at 7 years of age or older will meet this requirement.
   b. Students who are 10 years old in grade 6 and who have not yet received a Tdap vaccine are in compliance until they turn 11 years of age.

4. Poliovirus vaccine (IPV/OPV). (Minimum age: 6 weeks)
   a. Children starting the series on time should receive a series of IPV at ages 2 months, 4 months, and at 6 through 18 months, and 4 years of age or older. The final dose in the series must be received on or after the fourth birthday and at least 6 months after the previous dose.
   b. For students who received their fourth dose before age 4 and prior to August 7, 2010, 4 doses separated by at least 4 weeks is sufficient.
   c. If the third dose of polio vaccine was received at age 4 years or older and at least 6 months after the previous dose, the fourth dose of polio vaccine is not required.

5. Measles, mumps, and rubella (MMR) vaccine. (Minimum age: 12 months)
   a. The first dose of MMR vaccine must have been received on or after the first birthday. The second dose must have been received at least 28 days (4 weeks) after the first dose to be considered valid.
   b. Measles: One dose is required for prekindergarten. Two doses are required for grades kindergarten through 12.
   c. Mumps: One dose is required for prekindergarten and grades 9 through 12. Two doses are required for grades kindergarten through 8.
   d. Rubella: At least one dose is required for all grades (prekindergarten through 12).

6. Hepatitis B vaccine
   a. Dose 1 may be given at birth or anytime thereafter. Dose 2 must be given at least 4 weeks (28 days) after dose 1. Dose 3 must be at least 8 weeks after dose 2 AND at least 16 weeks after dose 1 and no earlier than 24 weeks of age.
   b. Two doses of adult hepatitis B vaccine (Recombivax) received at least 4 months apart at age 11 through 15 years will meet the requirement.

7. Varicella (chickenpox) vaccine. (Minimum age: 12 months)
   a. The first dose of varicella vaccine must have been received on or after the first birthday. The second dose must have been received at least 28 days (4 weeks) after the first dose to be considered valid.
   b. For children aged less than 13 years, the recommended minimum interval between doses is 3 months (if the second dose was administered at least 4 weeks after the first dose, it can be accepted as valid); for persons aged 13 years and older, the minimum interval between doses is 4 weeks.

8. Meningococcal conjugate vaccine (MenACWY). (Minimum age: 6 weeks)
   a. One dose of meningococcal conjugate vaccine (Menactra or Menevo) is required for students entering grade 7.
   b. For students in grade 12, if the first dose of meningococcal conjugate vaccine was received at age 16 years or older, the second (booster) dose is not required.

9. Haemophilus influenzae type b (Hib) conjugate vaccine. (Minimum age: 6 weeks)
   a. Children starting the series on time should receive Hib vaccine at 2 months, 4 months, 6 months and at 12 through 15 months. Children older than 15 months must get caught up according to the ACIP catch-up schedule. The final dose must be received on or after 12 months of age.
   b. If 2 doses of vaccine were received before 12 months of age, only 3 doses are required with dose 3 at 12 through 15 months of age and at least 8 weeks after dose 2.
   c. If dose 1 was received at ages 12 through 14 months of age, only 2 doses are required with dose 2 at least 8 weeks after dose 1.
   d. If dose 1 was received at 15 months of age or older, only 1 dose is required.
   e. Hib vaccine is not required for children 5 years of age or older.

10. Pneumococcal conjugate vaccine (PCV). (Minimum age: 6 weeks)
    a. Children starting the series on time should receive PCV vaccine at 2 months, 4 months, 6 months and at 12 through 15 months. Children older than 15 months must get caught up according to the ACIP catch-up schedule. The final dose must be received on or after 12 months of age.
    b. Unvaccinated children 7 through 11 months of age are required to receive 2 doses, at least 4 weeks apart, followed by a third dose at age 12 through 15 months.
    c. Unvaccinated children 12 through 23 months of age are required to receive 2 doses of vaccine at least 8 weeks apart.
    d. If one dose of vaccine was received at 24 months of age or older, no further doses are required.
    e. For further information, refer to the PCV chart available in the School Survey Instruction Booklet at: www.health.ny.gov/prevention/immunization/schools

For further information contact:

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