DIPHTHERIA, TETANUS, PERTUSSIS (DTaP, DT, Td, Tdap)

All students entering child care/preschool and kindergarten through 12th grades must get vaccinated against diphtheria, tetanus, and pertussis.

Routine schedule for DTaP vaccine: 2 months, 4 months, 6 months, 15-18 months, and 4-6 years of age. Routine schedule for Tdap vaccine: 1 dose for everyone ≥11 years of age.

For more information, look at the recommended immunization schedule for persons 0-6 years of age, the recommended immunization schedule for persons 7-18 years of age, and the catch-up schedule for persons aged 4 months-18 years of age.

Child Care/Preschool Entry

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>By 3 Months (on or before last day of mo 2)</th>
<th>By 5 Months (on or before last day of mo 4)</th>
<th>By 7 Months (on or before last day of mo 6)</th>
<th>By 16 Months (on or before last day of mo 15)</th>
<th>By 19 Months (on or before last day of mo 18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diphtheria, Tetanus, Pertussis (DTaP/DT)</td>
<td>1 dose</td>
<td>2 doses</td>
<td>3 doses&lt;br&gt;May get as early as 6 months.</td>
<td></td>
<td>4 doses&lt;br&gt;May get 4th dose as early as 12 months as long as 6 months separate dose 3 and dose 4.</td>
</tr>
</tbody>
</table>

School Entry

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>Kindergarten-1st Grade</th>
<th>2nd-4th Grade</th>
<th>5th-6th Grade</th>
<th>7th-12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIPHTHERIA, TETANUS AND PERTUSSIS (DTaP/DT/Td/Tdap)</td>
<td></td>
<td>5 doses (4 doses if 4th dose given ≥4th birthday)&lt;br&gt;&lt;br&gt;<strong>plus</strong></td>
<td></td>
<td>1 dose Tdap required for 6th-11th grade IF ≥11 years old</td>
</tr>
</tbody>
</table>
DIPHTHERIA, TETANUS, PERTUSSIS (DTaP, DT, Td, Tdap)

Rules of Vaccination and Exceptions

**DTaP/DT**
- Use DTaP to complete the vaccination series for students through age 6.
  - Separate Doses 1, 2, and 3 by ≥4 weeks. Dose 4 must be given ≥12 months of age. Dose 5 must be given ≥4 years.
    - Exception: Dose 5 not required if Dose 4 given at age ≥4 years.
  - Minimum interval between Dose 3 and Dose 4 = ≥6 months.
    - Exception: Dose 4 need not be repeated if there is at least 4 months minimum interval from dose 3.
  - At least >6 months must separate Dose 4 and Dose 5.
- Exceptions
  - If Tdap is given instead of DTaP for Dose 1, Dose 2, or Dose 3, repeat these doses with DTaP.
  - Consider valid any Tdap used instead of DTaP for Dose 4 or Dose 5.
  - An inadvertent dose of DTaP given to students age 7 or older can be counted as valid for the one-time Tdap.
- Use DT instead of DTaP when a student has a valid contraindication to pertussis vaccine (i.e., severe allergic reaction). Make sure to file a medical exemption.
  - If a student got Dose 1 of DT at <12 months of age, 4 total doses complete the series. If a student got Dose 1 of DT at ≥12 months of age, 3 doses complete the series.
- Acceptable: 4-day grace period.
**DIPHTHERIA, TETANUS, PERTUSSIS (DTaP, DT, Td, Tdap)**

### Rules of Vaccination and Exceptions

**Td/Tdap**

- Two brand names of Tdap vaccine exist: Adacel®, approved for adolescents ≥11 years old, and Boostrix®, approved for adolescents ≥10 years old.
- Tdap routinely recommended for 11-12 year olds.
- Students in 6th to 11th grades required to get one dose of Tdap for school year 2012-2013.
- Tdap can be given regardless of the interval since the last dose of DTaP or Td. Students do NOT need to wait 5 years to get Tdap after a dose of DTaP or Td.
- Required: students 7-10 years of age not fully vaccinated with the childhood DTaP vaccine series must get one Tdap vaccine followed by additional doses of Td if needed.
  - Fully vaccinated means 5 doses of DTaP (exception: 4 doses of DTaP if Dose 4 given on or after 4 years of age).
  - Students who got Tdap between 7-10 years of age do not need to repeat the vaccine; this counts for the Tdap requirement for 6th grade entry.
- Required: students ≥7 years of age who got a Td instead of a Tdap must get a dose of Tdap.
- Exception: students who got a Tdap instead of DTaP for Dose 4 or Dose 5 do not need a Tdap for 6th grade entry.
- A student ≥7 years of age who has not received any DTaP/DT vaccines must get one dose of Tdap followed by 2 doses of Td.
  - ≥4 weeks must separate Dose 1 and Dose 2.
  - ≥6 months must separate Dose 2 and Dose 3.
- Catch-up immunization schedule with Tdap and Td for students ≥7 years of age not fully vaccinated with DTaP:
  - If DTaP/DT Dose 1 given <12 months of age, 4 total doses needed (any combination of DTaP, Tdap, and Td): 4 weeks interval between Dose 1 and Dose 2, and Dose 2 and Dose 3; 6 months interval between Dose 3 and Dose 4
  - If DTaP/DT Dose 1 given ≥12 months of age, 3 total doses needed (any combination of DTaP, Tdap, and Td): 4 weeks interval between Dose 1 and Dose 2, and 6 months interval between Dose 2 and Dose 3
- Tdap licensed for just one dose. Td recommended, but not required, for future booster doses every 10 years.
- Students with history of documented pertussis disease:
  - Must continue with a series of pertussis-containing vaccines. Pertussis disease does not provide lifelong immunity.
  - Must get a single dose of Tdap upon entering 6th grade. There is currently no acceptable proof of immunity for pertussis by lab work.
HEPATITIS B

All students entering child care/preschool and kindergarten through 12th grade must get vaccinated against hepatitis B.

Routine schedule for hepatitis B vaccine: birth, 2 months, and 6-18 months of age.

**Child Care/Preschool Entry**

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>By 3 Months (on or before last day of mo 2)</th>
<th>By 5 Months (on or before last day of mo 4)</th>
<th>By 7 Months (on or before last day of mo 6)</th>
<th>By 16 Months (on or before last day of mo 15)</th>
<th>By 19 Months (on or before last day of mo 18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hepatitis B</td>
<td>1 dose May get dose 1 at birth.</td>
<td>2 doses May get dose 2 as early as 1 month.</td>
<td>3 doses</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**School Entry**

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>Kindergarten-1st Grade</th>
<th>2nd-4th Grade</th>
<th>5th-6th Grade</th>
<th>7th-12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hepatitis B</td>
<td></td>
<td></td>
<td></td>
<td>3 doses</td>
</tr>
</tbody>
</table>

**Rules of Vaccination and Exceptions**

- Minimum interval between Dose 1 and Dose 2 = ≥4 weeks; between Dose 2 and Dose 3 = ≥8 weeks; and between Dose 1 and Dose 3 = ≥16 weeks.
- Minimum age for Dose 3 = ≥24 weeks.
- Number of doses required to complete the series depends on the formulation of vaccine used:
  - Students 11-15 years of age who got the adult formulation Recombivax HB only need 2 doses separated by at least ≥4 months.
  - Parent must give documentation of the adult Recombivax HB.
- Acceptable: 4-day grace period.
HAEMOPHILUS INFLUENZAE TYPE B (Hib)

Children less than 5 years of age attending a preschool or a licensed child care facility must get vaccinated against *Haemophilus influenzae* type b (Hib).

Routine schedule for Hib vaccine: 2 months, 4 months, 6 months, and 12-15 months of age.

**Child Care/Preschool Entry**

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>By 3 Months (on or before last day of mo 2)</th>
<th>By 5 Months (on or before last day of mo 4)</th>
<th>By 7 Months (on or before last day of mo 6)</th>
<th>By 16 Months (on or before last day of mo 15)</th>
<th>By 19 Months (on or before last day of mo 18)</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Haemophilus influenzae</em> type B (Hib)</td>
<td>1 dose</td>
<td>2 doses</td>
<td>3 doses</td>
<td>4 doses*</td>
<td></td>
</tr>
</tbody>
</table>

*If all 3 doses of PedvaxHIB given, only need 3 doses total*

**School Entry**

Hib vaccine is not required for school entry in Washington State.
HAEMOPHILUS INFLUENZAE TYPE B (Hib)

Rules of Vaccination and Exceptions

- Hib vaccines include: PRP-T (ActHib®, Hiberix®, OmniHib®) and PRP-OMP (PedvaxHib®)
- The recommended immunization schedule for Hib vaccines:

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>2 Months</th>
<th>4 Months</th>
<th>6 Months</th>
<th>12-15 Months</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRP-T* (ActHib)</td>
<td>Dose 1</td>
<td>Dose 2</td>
<td>Dose 3</td>
<td>Booster</td>
</tr>
<tr>
<td>PRP-OMP (PedvaxHib)</td>
<td>Dose 1</td>
<td>Dose 2</td>
<td></td>
<td>Booster</td>
</tr>
</tbody>
</table>

*Hiberix brand PRP-T vaccine is approved only for the last dose of the Hib series among children 12 months of age and older

- Hib vaccine not recommended for children ≥5 years of age.
- Minimum age for Dose 1 = ≥6 weeks.
- Recommended interval between doses in the primary series = ≥8 weeks
  - Exception: minimum interval = ≥4 weeks
- Children who only got PedvaxHib® need a total of 3 doses.
- If a child got different brands of Hib vaccine at 2 and 4 months of age, a third dose of either brand needed at 6 months of age to complete the primary series.
- A booster dose recommended at 12–15 months regardless of which vaccine used for the primary series.
  - The final booster dose should be given no earlier than age 12 months and a minimum of 8 weeks after the previous dose.
- Exceptions:
  - Unvaccinated children 7 months of age and older may not require a full series of three or four doses. The number of doses a child needs to complete the series depends on the child’s current age.
  - Any previously unvaccinated child aged 15 through 59 months need to get only dose of vaccine.
  - Three doses total for catch-up if 2 doses given before 12 months and Dose 3 given ≥12 months.
  - Two doses total for catch-up if Dose 1 given ≥12 months and Dose 2 given ≥15 months of age.
  - See Hib Doses Required chart on next page for how many total doses required.
- Acceptable: 4-day grace period.
**HAEMOPHILUS INFLUENZAE TYPE B (Hib)**

**Hib Doses Required Chart**

The final booster dose should be given no earlier than age 12 months and a minimum of 8 weeks after the previous dose.

<table>
<thead>
<tr>
<th>Doses before age 12 months</th>
<th>Doses on or after age 12 months</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>Complete</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Complete</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Needs 1 Booster Dose (If Last Dose Given Before 15 Months)</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>Needs 1 Booster Dose (If Last Dose Given Before 15 Months)</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
<td>Needs 1 Booster Dose</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>Needs 1 Booster Dose</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>Needs 1 Booster Dose</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>Needs 1 Booster Dose</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>Needs 1 Dose</td>
</tr>
</tbody>
</table>
MEASLES, MUMPS, RUBELLA (MMR)

All students entering child care/preschool and kindergarten through 12\textsuperscript{th} grade must get vaccinated against measles, mumps, and rubella.

Routine schedule for MMR vaccine: 12-15 months and 4-6 years of age.

**Child Care/Preschool Entry**

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>By 3 Months (on or before last day of mo 2)</th>
<th>By 5 Months (on or before last day of mo 4)</th>
<th>By 7 Months (on or before last day of mo 6)</th>
<th>By 16 Months (on or before last day of mo 15)</th>
<th>By 19 Months (on or before last day of mo 18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measles, Mumps, Rubella (MMR)</td>
<td>Not given before 12 months of age.</td>
<td></td>
<td></td>
<td></td>
<td>1 dose</td>
</tr>
</tbody>
</table>

**School Entry**

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>Kindergarten-1\textsuperscript{st} Grade</th>
<th>2\textsuperscript{nd}-4\textsuperscript{th} Grade</th>
<th>5\textsuperscript{th}-6\textsuperscript{th} Grade</th>
<th>7\textsuperscript{th}-12\textsuperscript{th} Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measles, Mumps, Rubella (MMR)</td>
<td></td>
<td>2 doses</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**MEASLES, MUMPS, RUBELLA (MMR)**

**Rules of Vaccination and Exceptions**

- Acceptable: Blood test showing immunity to measles, mumps, or rubella.
- Not acceptable: A history of measles, mumps, and rubella without proof of immunity.
- Can use MMR or MMRV (measles, mumps, rubella, and varicella) vaccine to complete the vaccination series.
  - MMRV schedule = 12-15 months and 4-6 years of age.
- Minimum interval between all doses of MMR = ≥4 weeks.
- Minimum age for Dose 1 = ≥12 months.
- Minimum age for Dose 2 = ≥13 months.
- If Dose 1 given <12 months of age, dose not valid and student must repeat dose. Acceptable: 4 day grace period.
- If not given on the same day, the minimum interval between MMR and other live virus vaccines = ≥28 days.
  - The second vaccine given is not valid and should be repeated.
- 4-day grace **DOES** apply between doses of the same live vaccine such as MMR/MMR or MMRV/MMRV. The 4 day grace period **DOES NOT** apply between Dose 1 and Dose 2 of different live vaccines if not given at the same time, such as between MMR and Varicella or MMR and live flu vaccine.
PNEUMOCOCCAL CONJUGATE (PCV)

Children less than 5 years of age attending a licensed child care facility or preschool must get vaccinated against pneumococcal disease.

Routine schedule for PCV vaccine: 2 months, 4 months, 6 months, and 12-15 months of age.

**Child Care/Preschool Entry**

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>By 3 Months (on or before last day of mo 2)</th>
<th>By 5 Months (on or before last day of mo 4)</th>
<th>By 7 Months (on or before last day of mo 6)</th>
<th>By 16 Months (on or before last day of mo 15)</th>
<th>By 19 Months (on or before last day of mo 18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pneumococcal Conjugate (PCV7 or PCV13)</td>
<td>1 dose</td>
<td>2 doses</td>
<td>3 doses</td>
<td>4 doses*</td>
<td></td>
</tr>
</tbody>
</table>

*Some children may get 5 total doses. A single supplemental dose of PCV13 is recommended, but not required, for all children aged 14–59 months who got 4 doses of PCV7.

**School Entry**

PCV is not required for school entry in Washington State.
PNEUMOCOCCAL CONJUGATE (PCV)

Rules of Vaccination and Exceptions

- PCV13 replaced PCV7 as the routinely recommended vaccine in 2010.
- One additional dose of PCV13 recommended, but not required, for a child who completed a series with PCV7.
- PCV not recommended for children >5 years of age.
- Minimum interval between doses given to child <12 months of age = ≥4 weeks.
- Minimum interval between doses given to child ≥12 months of age = ≥8 weeks.
- Minimum interval of ≥8 weeks between Dose 3 and Dose 4.
- Exceptions:
  - Three doses total required if only 2 doses given <12 months and Dose 3 given at ≥12 months.
  - Two doses required if both received between 12-24 months, given ≥8 weeks apart.
  - Complete for child care/preschool requirements: child who got 1 dose of PCV ≥24 months unless high risk.
- Acceptable: 4-day grace period.
## PNEUMOCOCCAL CONJUGATE (PCV)

### PCV Doses Required Chart

<table>
<thead>
<tr>
<th>Doses before Age 12 months</th>
<th>Doses on or after Age 12 months</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1</td>
<td>Complete (If PCV7 given, needs one additional dose of PCV13)</td>
</tr>
<tr>
<td>2</td>
<td>1 (8 weeks after # 2)</td>
<td>Complete</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
<td>Complete</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>Complete</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Needs 1 dose 8 weeks after Dose 2</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>Needs 1 dose 8 weeks after Dose 1 If # 1 received at age ≤ 24 months</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
<td>Needs 1 dose 8 weeks after Dose 4</td>
</tr>
<tr>
<td>3</td>
<td>0</td>
<td>Needs 1 dose 8 weeks after Dose 3</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
<td>Needs 1 dose 8 weeks after Dose 2</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>Needs 2 doses (8 weeks apart) if age 12 - 24 months Needs 1 dose if age ≥ 24 - 59 months</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>Needs 2 doses (8 weeks apart) if age 12 - 24 months Needs 1 dose if age ≥ 24 - 59 months</td>
</tr>
</tbody>
</table>
POLIO (IPV, OPV)

All students entering child care/preschool and kindergarten through 12th grade must get vaccinated against polio.

Routine schedule for IPV vaccine: 2 months, 4 months, 6-18 months, and 4-6 years.

Child Care/Preschool Entry

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>By 3 Months (on or before last day of mo 2)</th>
<th>By 5 Months (on or before last day of mo 4)</th>
<th>By 7 Months (on or before last day of mo 6)</th>
<th>By 16 Months (on or before last day of mo 15)</th>
<th>By 19 Months (on or before last day of mo 18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polio (IPV or OPV)</td>
<td>1 dose</td>
<td></td>
<td></td>
<td></td>
<td>3 doses</td>
</tr>
</tbody>
</table>

School Entry

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>Kindergarten-1st Grade</th>
<th>2nd-4th Grade</th>
<th>5th-6th Grade</th>
<th>7th-12th Grade</th>
</tr>
</thead>
</table>
| Polio (IPV or OPV) | 4 doses (3 doses if 3rd dose given ≥4th birthday)  
• The final dose given on or after August 7, 2009 must be given at a minimum of 4 years of age AND a minimum interval of 6 months from the previous dose. |                                           |                                           |                                           |                                           |
|                  |                        |              |              |               | 4 doses (3 doses if 3rd dose given ≥4th birthday) |
POLIO (IPV, OPV)

Rules of Vaccination and Exceptions

- United States uses only IPV for routine polio vaccination, but students coming from a foreign country may get OPV.
- Complete series: any combination of 4 doses of IPV and OPV.
- Students ≥18 years not required to have polio vaccine.
- For SY 2012-2013:
  - Kindergarten and new 1st graders
    - If a student got Dose 4 on or after Aug 7, 2009
      - Dose 4 must be given ≥4 years of age
      - Dose 4 must be separated from dose 3 by ≥6 months
      - Dose 1 must be given ≥6 weeks of age
      - >4 weeks must separate dose 1 and 2, and dose 2 and 3
      - Exception: If a student got dose 3 on or after the 4th birthday, then dose 4 not required, but ≥6 months must separate doses 2 & 3
    - If a student got Dose 4 before Aug 7, 2009
      - Dose 4 must be given ≥18 weeks of age
      - Dose 4 must be separated from dose 3 by ≥4 weeks
      - Dose 1 must be given ≥6 weeks of age
      - >4 weeks must separate dose 1 and 2, and dose 2 and 3
      - Exception: If a student got dose 3 on or after the 4th birthday, then dose 4 not required
  - 2nd – 12th graders
    - Dose 1 must be given ≥6 weeks of age
    - ≥4 weeks must separate dose 1 and 2, dose 2 and 3, and dose 3 and 4
    - Dose 4 must be given ≥18 weeks of age
    - Exception: If a student got dose 3 on or after the 4th birthday, then dose 4 not required
- The statewide immunization registry uses the August 7, 2009 date to calculate future doses (in its forecasting algorithm).
- Acceptable: 4-day grace period.
VARICELLA

All students entering child care/preschool and kindergarten through 12th grade must get vaccinated against varicella (chickenpox).

Routine schedule for varicella vaccine: 12-15 months and 4-6 years of age.

Child Care/Preschool Entry

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>By 3 Months (on or before last day of mo 2)</th>
<th>By 5 Months (on or before last day of mo 4)</th>
<th>By 7 Months (on or before last day of mo 6)</th>
<th>By 16 Months (on or before last day of mo 15)</th>
<th>By 19 Months (on or before last day of mo 18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varicella</td>
<td>Not given before 12 months of age.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

School Entry

<table>
<thead>
<tr>
<th>VACCINE</th>
<th>Kindergarten-1st Grade</th>
<th>2nd-4th Grade</th>
<th>5th-6th Grade</th>
<th>7th-12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varicella</td>
<td>2 doses</td>
<td></td>
<td>1 dose</td>
<td>Recommended, but not required.</td>
</tr>
<tr>
<td></td>
<td>• Required: health care provider verification of disease.</td>
<td></td>
<td>• Acceptable: parent-reported history of disease.</td>
<td></td>
</tr>
</tbody>
</table>

Rules of Vaccination and Exceptions

- If student got Dose 1 at <12 months of age, dose must be repeated. However, a 4-day grace period applies.
- Minimum interval between varicella and other live virus vaccines = ≥28 days. Minimum interval between Dose 1 and Dose 2 = ≥3 months.
  - Exception: if Dose 2 given >28 days after Dose 1, Dose 2 need NOT be repeated.
- 4-day grace DOES apply between doses of the same live vaccine such as varicella and varicella. The 4 day grace period DOES NOT apply between Dose 1 and Dose 2 of different live vaccines, such as between MMR and varicella or between MMR and live flu vaccine.