

# Things to Know About Tdap and Td

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## Tdap (Tetanus/diphtheria/acellular pertussis) and Td (Tetanus/diphtheria) Vaccines

### These vaccines are not used for infants or young children

**Tdap:** Tetanus/diphtheria/acellular pertussis vaccine that can be used for older people; currently Tdap is a one-time shot. Everyone 10 or 11 through 64 years of age should have 1 Tdap vaccine.

1. Used for people 10 through 64 years of age
  - A. Boostrix brand (GlaxcoSmithKline) – licensed for people **10 through 18 years of age**. Don't use Boostrix for people 19 years or older!
  - B. Adacel brand (sanofi pasteur) – Licensed for people **11 through 64 years of age**. Don't use Adacel for children 10 years of age!
2. Schedule: Give one dose of Tdap to people 10 or 11 years of age through 64 years of age.
  - A. If not a high-risk situation for pertussis exposure, give Tdap 5 years after the last Td or DTaP immunization (if person is at least 10 years of age.)
  - B. In a high-risk situation for pertussis exposure, there is no minimal interval between Tdap and Td/DTaP; studies document that a 2-year interval is safe, but depending on the risk, a physician may decide to give Tdap sooner than a 2-year interval.
3. What are high-risk for pertussis situations?
  - A. People who have close contact with an infant younger than 12 months (or an older child who has not received the DTaP series)
  - B. Pertussis disease in the community - **Boulder County is considered high-risk because we always have pertussis disease in the community**. That is why our school law says to give Tdap 2 years after the last Td.
  - C. People who have close contact with chronically ill people who would suffer serious consequences to the disease if they contracted it.

### People who have never received tetanus/diphtheria vaccine and are 7 years of age and older:

1. Need 1 dose of Tdap and 2 doses of Td vaccine according to the schedule below:
  - A. Give Tdap for the first dose
  - B. Td 4 weeks after first dose
  - C. Td 6 months after second dose
2. For someone who has not had the whole series: Complete the series based on intervals above; the person should receive one dose of Tdap.

**Td:** Use for people 7 years and older who need a booster tetanus/diphtheria vaccine, but not a pertussis vaccine

1. Booster Schedule:
  - A. Routine Booster needed every 10 years
  - B. Boost after 5 years if person sustains an injury that puts them at risk for tetanus. (Vaccine begins to wane 5 years after it was received and almost no immunity exists by 10 years after vaccine was given.)
2. Any person 65 years of age or older who needs a tetanus/diphtheria vaccine

