**COVID-19 Vaccination Schedules**

Use the schedules below to determine how many total COVID-19 vaccine doses are recommended based on primary series product, age, and immune status. This schedule does not include clinical details necessary for administering COVID-19 vaccines. For clinical details, see the resources at the end of this document.

### COVID-19 Vaccination Schedule for Most People

**Number and intervals of COVID-19 vaccine doses**

**Moderna** (ages 6 months–17 years)
- **DOSE 1** (primary) In 4-8 weeks
- **DOSE 2** (primary) In at least 4 months
- **DOSE 3** (booster*) In at least 4 months

**Moderna** (ages 18 years and older)
- **DOSE 1** (primary) In 4-8 weeks
- **DOSE 2** (primary) In at least 5 months
- **DOSE 3** (booster*) In at least 5 months
- **DOSE 4** (2nd mRNA booster)†

**Novavax** (ages 12 years and older)
- **DOSE 1** (primary) In 3-8 weeks
- **DOSE 2** (primary) In at least 5 months

**Pfizer-BioNTech** (ages 6 months–4 years)
- **DOSE 1** (primary) In 3-8 weeks
- **DOSE 2** (primary) In at least 8 weeks
- **DOSE 3** (primary) In at least 8 months

**Pfizer-BioNTech** (ages 5 years and older)
- **DOSE 1** (primary) In 3-8 weeks
- **DOSE 2** (primary) In at least 5 months
- **DOSE 3** (booster*) In at least 4 months
- **DOSE 4** (2nd mRNA booster)†

**Janssen (J&J)** (ages 18 years and older)*
- **DOSE 1** (primary) In at least 2 months
- **DOSE 2** (booster*) In at least 4 months
- **DOSE 3** (2nd mRNA booster)†

* Age-appropriate mRNA (Moderna or Pfizer-BioNTech) and Novavax vaccines are recommended for primary vaccination. For booster vaccination, mRNA vaccines are recommended. Janssen COVID-19 Vaccine should only be used in very limited situations for primary or booster vaccination. See: https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us-appendix-a.html

For more specific clinical guidance, see:
- Interim COVID-19 Immunization Schedule
- Interim Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States

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### COVID-19 Vaccination Schedule for People Who Are Moderately or Severely Immunocompromised

**Number and intervals of COVID-19 vaccine doses**

**Moderna** (ages 6 months–17 years)
- **DOSE 1** (primary) In 4 weeks
- **DOSE 2** (primary) In at least 4 weeks
- **DOSE 3** (primary) In at least 4 months

**Moderna** (ages 18 years and older)
- **DOSE 1** (primary) In 4 weeks
- **DOSE 2** (primary) In at least 4 weeks
- **DOSE 3** (primary) In at least 3 months
- **DOSE 4** (booster*) In at least 4 months
- **DOSE 5** (2nd mRNA booster)

**Novavax** (ages 12 years and older)
- **DOSE 1** (primary) In 3 weeks
- **DOSE 2** (primary) In at least 8 weeks
- **DOSE 3** (primary) In at least 8 months

**Pfizer-BioNTech** (ages 5–11 years)
- **DOSE 1** (primary) In 3 weeks
- **DOSE 2** (primary) In at least 4 weeks
- **DOSE 3** (primary) In at least 3 months
- **DOSE 4** (booster*) In at least 4 months
- **DOSE 5** (2nd mRNA booster)

**Pfizer-BioNTech** (ages 12 years and older)
- **DOSE 1** (primary) In 3 weeks
- **DOSE 2** (primary) In at least 8 weeks
- **DOSE 3** (primary) In at least 8 months
- **DOSE 4** (booster*) In at least 4 months
- **DOSE 5** (2nd mRNA booster)

**Janssen (J&J)** (ages 18 years and older)*
- **DOSE 1** (primary) In 4 weeks
- **DOSE 2** (additional mRNA dose) In at least 4 months
- **DOSE 3** (booster*) In at least 4 months
- **DOSE 4** (booster*) In at least 4 months
- **DOSE 5** (2nd mRNA booster)

* People ages 50 years and older should get a 2nd booster.

**People ages 18 years and older who received 2 Janssen doses may get a 2nd booster.**

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For more specific clinical guidance, see:
- Interim COVID-19 Immunization Schedule
- Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States

[cdc.gov/coronavirus]