

For individuals that completed the Pfizer or Moderna primary series (2 doses)

Are you Immunocompromised?

Yes

Additional Primary Series Dose:

- At least 28 days after the completion the initial COVID-19 vaccine series for mRNA vaccines; a total of 3 doses
- May receive Pfizer or Moderna (full dose 100 mcg)[†]

[†]See age table

Are you 5 or older and it has been at least 3 months since your additional dose?

Yes

First Booster Dose:

- At least 3 months after additional dose (3rd dose); a total of 4 doses
- 18 y.o. and older may receive Pfizer, Moderna (½ dose 50 mcg) or J&J/Janssen (least preferred)[†]
- 5 - 17 y.o. may receive Pfizer only[†]

[†]See age table

Are you 12 or older and it has been at least 4 months since your first booster dose?

Yes

Second Booster Dose:

- At least 4 months after first booster dose; a total of 5 doses
- 18 and older may receive Pfizer or Moderna (½ dose 50 mcg)[†]. J&J/Janssen is **NOT approved** for second booster.
- 12 - 17 may receive Pfizer only[†]

Not eligible for booster dose

No

Are you 5 or older and it has been at least 5 months since your second dose?

Yes

First Booster Dose:

- At least 5 months after primary series; a total of 3 doses
- 18 y.o. and older may receive Pfizer, Moderna (½ dose 50 mcg) or J&J/Janssen (least preferred)[†]
- 5 – 17 y.o. may receive Pfizer only[†]

[†]See age table

Are you 50 or older and it has been at least 4 months since your booster dose?

Yes

Second Booster Dose:

- At least 4 months after first booster dose; a total of 4 doses
- May receive Pfizer or Moderna (½ dose 50 mcg). J&J/Janssen is **NOT approved** for second booster.

No

No

No

No

For individuals that completed the Johnson & Johnson/Janssen primary series (1 dose)

Are you Immunocompromised?

Yes

No

Additional Primary Series Dose:

- Administer a second dose (mRNA vaccine recommended) at least 28 days after the initial J&J/Janssen vaccine; a total of 2 doses (J&J + mRNA)
- May receive Pfizer or Moderna (full dose 100 mcg)[†]

[†]See age table

Has it been at least 2 months since your additional dose?

Yes

First Booster Dose:

- Administer a booster dose at least 2 months after the additional dose; a total of 3 doses
- May receive Pfizer, Moderna* (½ dose 50 mcg) or J&J/Janssen (least preferred)[†]

Has it been at least 4 months since your booster dose?

Yes

Second Booster Dose:

- Administer a booster dose at least 4 months after the first booster dose; a total of 4 doses
- May receive Pfizer or Moderna* (½ dose 50 mcg). J&J/Janssen is **NOT approved** for second booster.

Has it been at least 2 months since your first dose?

Yes

First Booster Dose:

- Administer a booster dose at least 2 months after J&J/Janssen vaccine; a total of 2 doses
- May receive Pfizer or Moderna* (½ dose 50 mcg)

Are you 50 or older and it has been at least 4 months since your booster dose?

Yes

Second Booster Dose:

- At least 4 months after first booster dose; a total of 3 doses
- May receive Pfizer or Moderna (½ dose 50 mcg). J&J/Janssen is **NOT approved** for second booster.

No

No

Not eligible for booster dose

Authorized For Ages	Pfizer-BioNTech	Moderna	J&J / Janssen
4 years and under	No	No	No
5–11 years old	Yes	No	No
12–17 years old	Yes	No	No
18 years and older	Yes	Yes	Yes

† Age Table: CDC Authorized COVID-19 Vaccine by Age

Additional FAQs:

Are mRNA vaccines preferred over the J&J/Janssen vaccine?

- **Yes.** The Advisory Committee on Immunization Practices (ACIP) for the prevention of COVID-19, expressed a clinical preference for individuals to receive an mRNA COVID-19 vaccine (Pfizer and Moderna) over Johnson & Johnson’s COVID-19 vaccine. Pfizer and Moderna should be used unless individuals are unable or unwilling to receive an mRNA vaccine.

Is an additional primary series dose the same thing as a booster dose?

- **No.** An **Additional primary series dose** is a subsequent dose of mRNA vaccine used to complete the primary vaccine series in immunocompromised people. Immunocompromised people are more likely to mount a protective immune response if they receive an additional dose of mRNA vaccine after completing the primary vaccine series recommended for the general population. Moderately to severely immunocompromised people who received two doses of an mRNA vaccine should receive a third dose of mRNA vaccine to complete their primary series. Moderately to severely immunocompromised people who received one J&J/Janssen vaccine should receive one dose of mRNA vaccine to complete their primary series.
- A **Booster dose** is a subsequent dose of vaccine administered to enhance or restore protection which might have waned over time after primary series vaccination.
 - Patients that are immunocompromised and vaccinated with the mRNA series may receive 5 doses total (2 dose primary series + additional primary dose at 28 days + booster dose at 3 months + second booster at 4 months)
 - Patients that are immunocompromised and vaccinated with J&J/Janssen may receive 4 doses total (1 primary J&J + mRNA additional primary dose at 28 days + booster dose at 2 months + second booster at 4 months)

My patient has/had COVID-19, when can they get vaccinated?

- People with known current SARS-CoV-2 infection should defer vaccination at least until recovery from the acute illness (if symptoms were present) has been achieved and criteria to discontinue isolation have been met.

Where can I find additional clinical information about COVID-19 Vaccines?

- CDC’s Clinical Considerations for Use of COVID-19 Vaccines: <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html>

COVID-19 vaccination schedule for people with moderate or severe immunocompromise

Primary vaccination	Age group	# of primary vaccine doses	# of booster doses	Interval between 1 st and 2 nd dose	Interval between 2 nd and 3 rd primary series dose	Interval between primary series and 1 st booster dose	Interval between 1 st and 2 nd booster dose	Total # of doses
Pfizer-BioNTech	5–11 years	3	1	3 weeks	≥4 weeks	≥3 months	n/a	4
	≥12 years	3	2	3 weeks	≥4 weeks	≥3 months	≥4 months	5
Moderna	≥18 years	3	2	4 weeks	≥4 weeks	≥3 months	≥4 months	5
J&J/Janssen	≥18 years	2* *1 J&J, followed by 1 mRNA	2	4 weeks	n/a	≥2 months	≥4 months	4

See COVID-19 vaccine schedule for the primary series for the general population on the next page

Who Is Moderately or Severely Immunocompromised?

Many conditions and treatments can cause a person to be immunocompromised (having a weakened immune system). People are considered to be moderately or severely immunocompromised if they have:

- Been receiving active cancer treatment for tumors or cancers of the blood
- Received an organ transplant and are taking medicine to suppress the immune system
- Received a stem cell transplant within the last 2 years or are taking medicine to suppress the immune system
- Moderate or severe primary immunodeficiency (such as DiGeorge syndrome, Wiskott-Aldrich syndrome)
- Advanced or untreated HIV infection
- Active treatment with high-dose corticosteroids or other drugs that may suppress their immune response

Refer to <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/immuno.html> for more details on recommendations for immunocompromised individuals

COVID-19 vaccination schedule for the primary series in the general population[^]

Primary series vaccine manufacturer	Age group	# of doses in primary series	# of booster doses	Interval between 1 st and 2 nd dose	Interval between primary series and 1 st booster dose	Interval between 1 st and 2 nd booster dose	Total # of doses
Pfizer-BioNTech	5–11 years	2	1	3 weeks	≥5 months	n/a	3
	12-49 years	2	1	3 weeks	≥5 months	n/a	3
	≥50 years	2	2	3 weeks	≥5 months	≥4 months	4
Moderna	18-49 years	2	1	4 weeks	≥5 months	n/a	3
	≥50 years	2	2	4 weeks	≥5 months	≥4 months	4
J&J/Janssen	18-49 years	1	1‡	n/a	≥2 months	n/a	2‡ if primary & first booster was J&J, additional booster dose recommended; 3 total doses
	≥50 years	1	2‡	n/a	≥2 months	≥4 months‡	3‡ if primary & first booster was J&J, additional booster dose recommended; 4 total doses

[^]For the vaccination schedule for people who are moderately or severely immunocompromised, see table on the previous page

‡Anyone who received a J&J/Janssen COVID-19 vaccine for both their first dose and booster may receive an additional booster at least 4 months after their first booster, either Pfizer-BioNTech or Moderna COVID-19 vaccines

Refer to <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html> for more details