

CDC/IDSA COVID-19 Clinician Call

June 25, 2022

Welcome & Introductions

Dana Wollins, DrPH, MGC
Vice President, Clinical Affairs
& Guidelines IDSA

- 89th in a series of calls, initiated in 2020 by CDC as a forum for information sharing among frontline clinicians caring for patients with COVID-19.
- The views and opinions expressed here are those of the presenters and do not necessarily reflect the official policy or position of the CDC or IDSA. Involvement of CDC and IDSA should not be viewed as endorsement of any entity or individual involved.
- This webinar is being recorded and can be found online at www.idsociety.org/cliniciancalls.

COVID-19 Summer Update: Where We are Now, Where We are Going



Brendan Jackson, MD, MPH

CDR, U.S. Public Health Service
COVID-19 Response Clinical Team, Late Sequelae Unit
U.S. Centers for Disease Control and Prevention

COVID-19 Vaccination in Children Under 5 Years



Highlights from the June 16-17 VRBPAC Meeting

Archana Chatterjee, MD, PhD

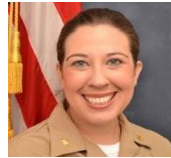
Dean, Chicago Medical School and Vice President for
Medical Affairs, Rosalind Franklin University
Member, Vaccines & Related Biological Products
Advisory Committee (VRBPAC)



FDA Update

Peter Marks, MD, PhD

Director, Center for Biologics Evaluation and Research
U.S. Food and Drug Administration



ACIP Update

Sara Oliver, MD, MSPH

LCDR, U.S. Public Health Service
Co-Lead, COVID-19 Work Group of the Advisory
Committee on Immunization Practices
U.S. Centers for Disease Control and Prevention (ACIP)



Pediatric Vaccine Implementation: Key Considerations for Clinicians

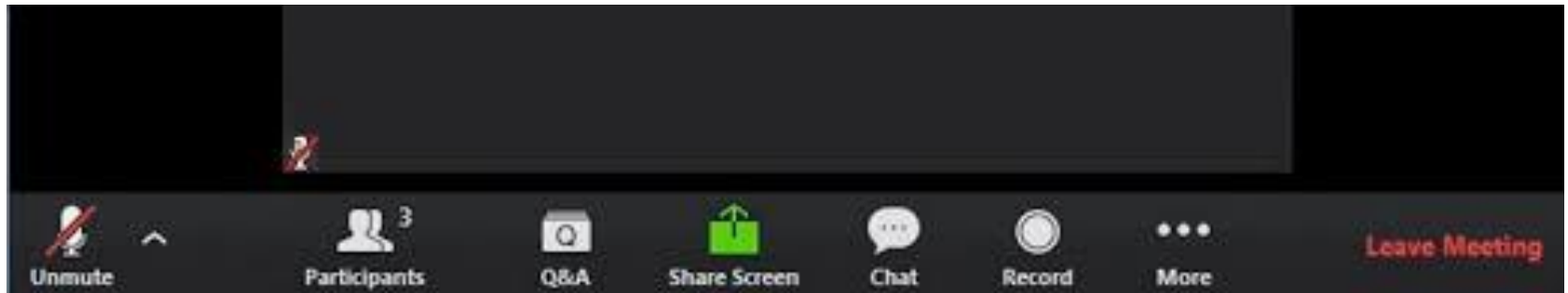
Lisa M. Costello, MD, MPH, FAAP

Assistant Professor and Clerkship Co-director
Division of Pediatric General Medicine
West Virginia University School of Medicine
Immediate Past President, West Virginia Chapter and
Member, Committee on State Government Affairs,
American Academy of Pediatrics

Question?
Use the “Q&A” Button



Comment?
Use the “Chat” Button



COVID-19 Update

Brendan Jackson, MD, MPH

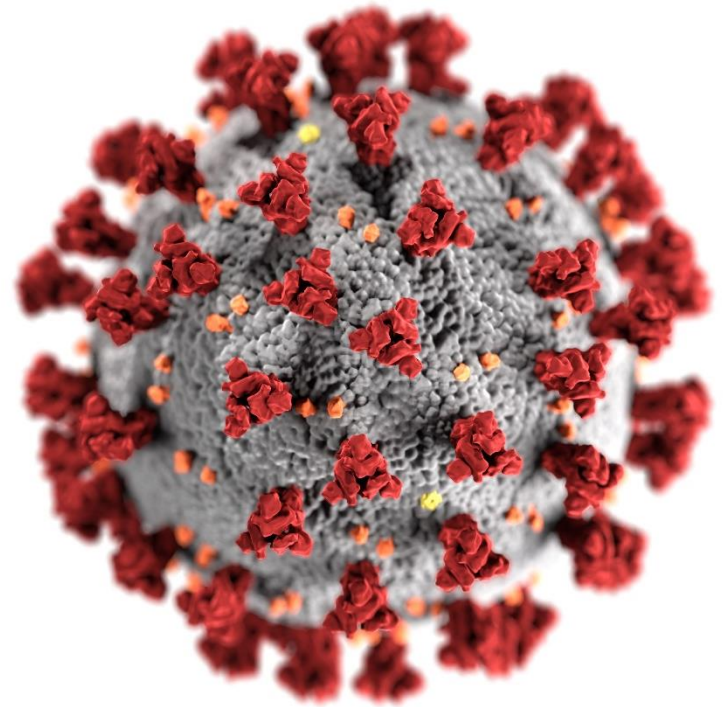


CDC COVID-19 Response

Where We are Now, Where We are Going

Brendan Jackson, MD ,MPH
Principal Deputy Incident Manager
CDC COVID-19 Response

June 25, 2022



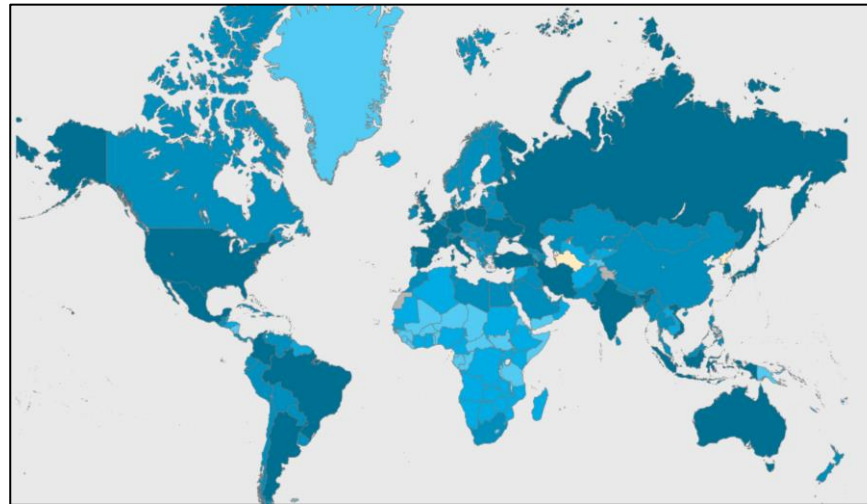
cdc.gov/coronavirus

COVID-19 Pandemic Situation Update

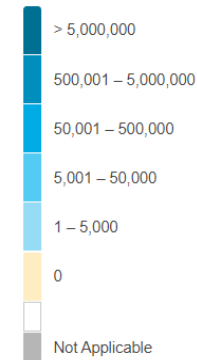


COVID-19 Surveillance Summary: Cases

- 539,119,771 cumulative confirmed cases globally
- 6,322,311 cumulative deaths



Total COVID-19 Cases

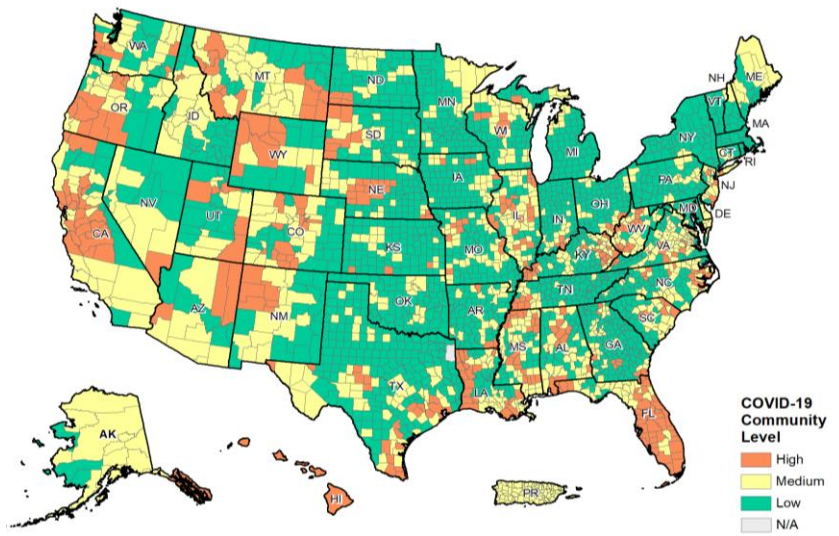


Data as of June 23, 2022

Source: [WHO Coronavirus \(COVID-19\) Dashboard](#)

COVID-19 Community Levels (CCLs)

COVID-19 Community Levels in the United States by County as of June 23, 2022

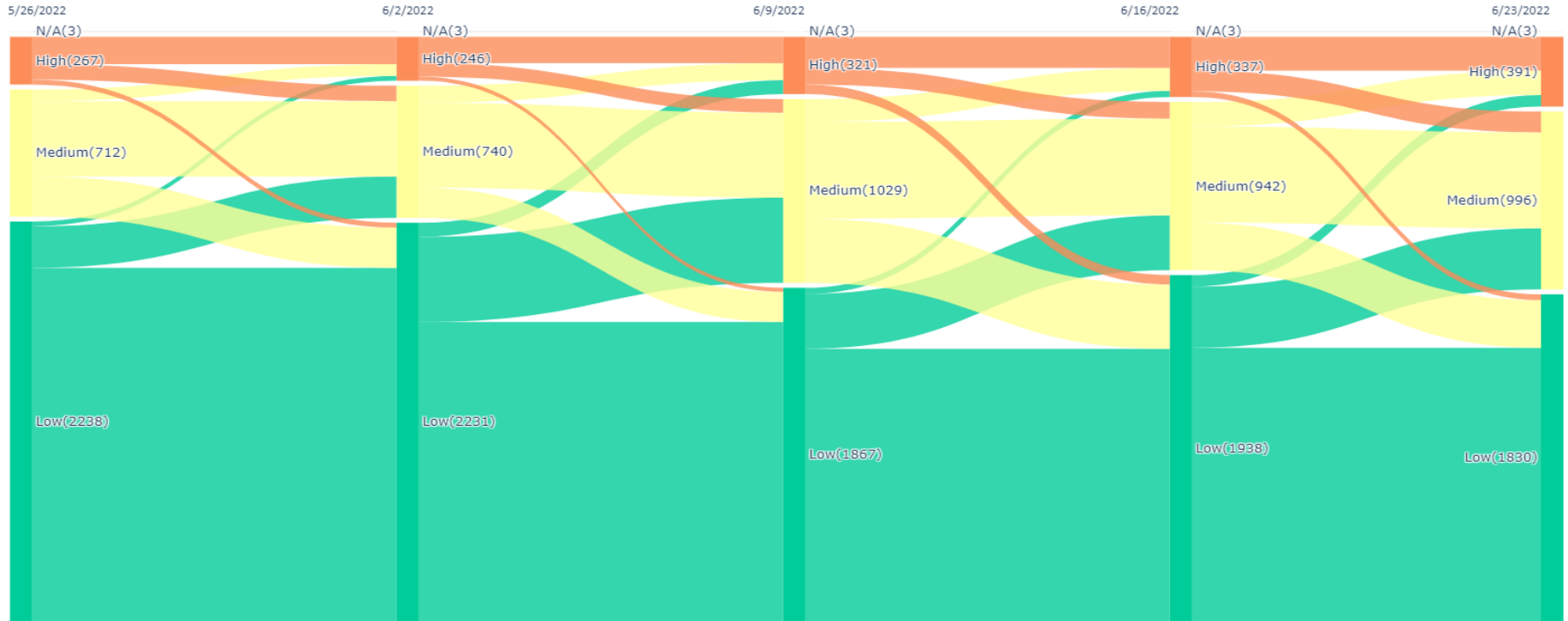


	Total	% of Counties	% Change in Counties	% of Pop.
High	392	12.17%	1.96%	22.56%
Medium	997	30.95%	1.58%	35.78%
Low	1,832	56.88%	-3.54%	41.63%

Time Period: COVID-19 Community Levels were calculated on Thu Jun 23 2022. New COVID-19 cases per 100,000 population (7-day total) are calculated using data from Thu Jun 16 2022 - Wed Jun 22 2022. New COVID-19 admissions per 100,000 population (7-day total) and Percent of inpatient beds occupied by COVID-19 patients (7-day average) are calculated using data from Wed Jun 15 2022 - Tue Jun 21 2022.

Source: [CDC COVID Data Tracker \(County View\)](#)

CCL Trajectory Analysis (5/26/2022 – 6/23/2022)



COVID-19 Surveillance Summary: Hospitalizations and Deaths

- As of June 21, 2022
 - 7-day average of daily new hospitalizations **increased 1.0%** compared with previous week
- As of June 22, 2022
 - 7-day average of daily death counts **decreased 10.4%** compared with previous week

4,836,324

Total New Admissions
Aug 01, 2020 – Jun 21, 2022

4,689

New Admissions
Jun 21, 2022

4,375

Current 7-Day Average
Jun 15, 2022 – Jun 21, 2022

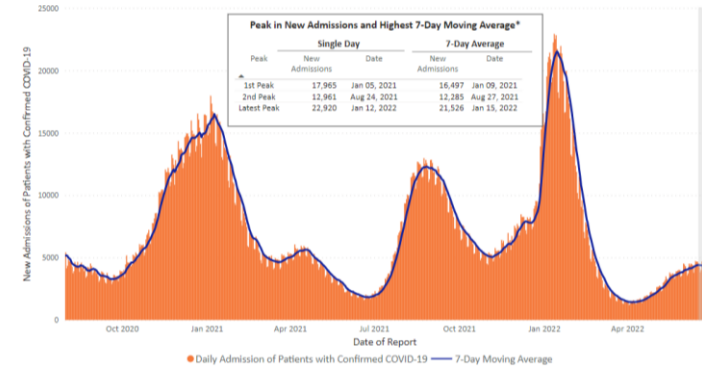
4,329

Prior 7-Day Average
Jun 08, 2022 – Jun 14, 2022

+1.0%

Change in 7-Day Average

New Admissions of Patients with Confirmed COVID-19, United States
August 2020 – June 2022



Daily Change in COVID-19 Death Counts, United States
March 2020 – June 2022
January 22, 2020* – June 22, 2022

1,010,089

Total Deaths Reported

545

New Deaths Reported**

255

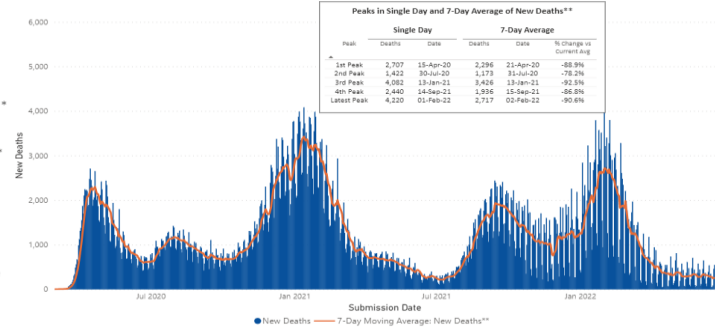
Current 7-Day Average**
Jun 16, 2022 – Jun 22, 2022

285

Prior 7-Day Average**
Jun 09, 2022 – Jun 15, 2022

-10.4%

Change in 7-Day Average



*Single displays data starting on Mar 01, 2020. The totals include deaths reported since Jan 22, 2020

** The histogram, total of new deaths in the last 24 hours, and 7-day averages do not include historical deaths reported retroactively. Historical deaths are still reflected in the cumulative national total. Of 21,715 historical deaths reported retroactively, none were reported on Jun 22, 2022; none in the current week; and none in the prior week.

COVID-19 Surveillance Summary: Cases

- As of June 22, 2022
 - 7-day average of daily case counts **decreased 5.6%** compared with previous week
- How has home testing affected surveillance?

86,512,787

Total Cases Reported

130,274

New Cases Reported**

97,430

Current 7-Day Average**
Jun 16, 2022 - Jun 22, 2022

103,175

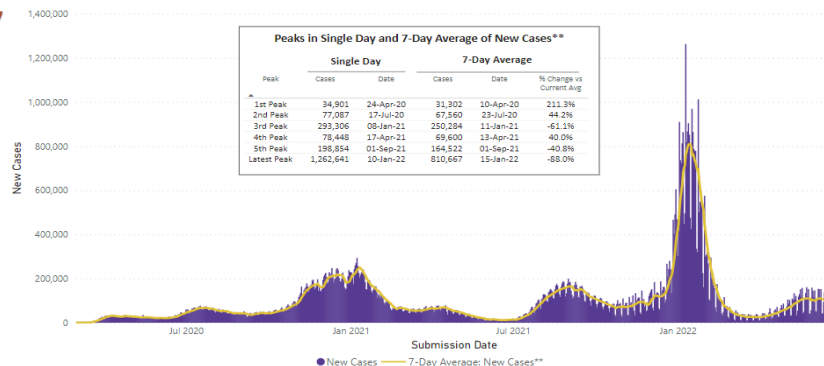
Prior 7-Day Average**
Jun 09, 2022 - Jun 15, 2022

- 5.6%

Change in 7-Day Average

**Daily Change in COVID-19 Case Counts, United States
March 2020 – June 2022**

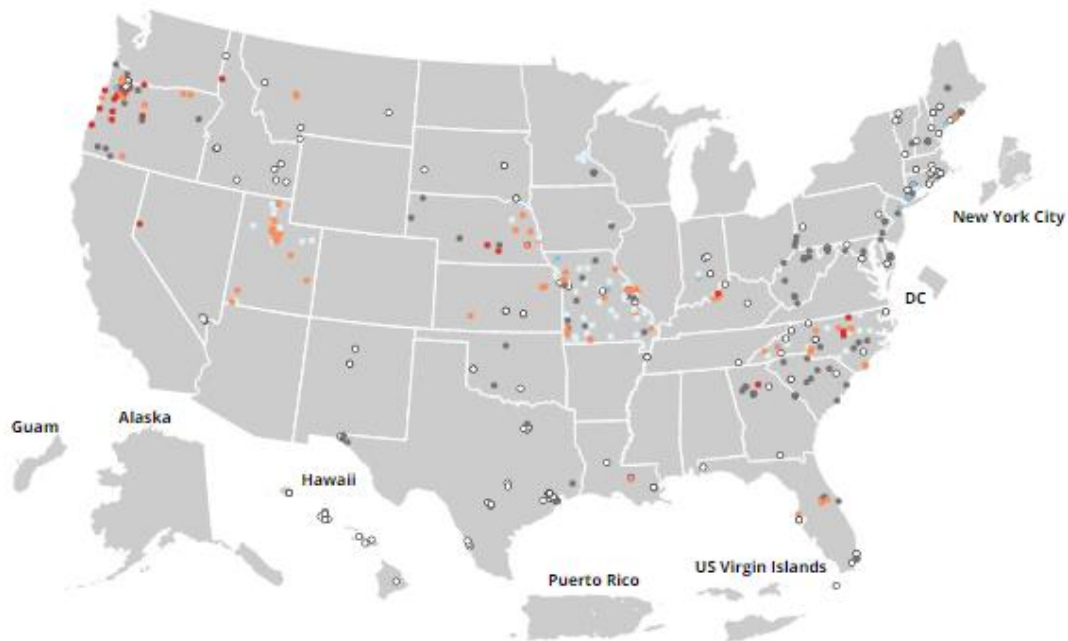
January 22, 2020* - June 22, 2022



*Graph displays data for Mar 01, 2020, to date. The totals include cases reported since Jan 22, 2020.

** The histogram, total of new cases in the last 24 hours, and 7-day averages do not include historical cases retroactively that are not yet attributed to the correct date of report. Of 533,666 historical cases reported retroactively, none were reported on Jun 22, 2022; 3 in the current week; and none in the prior week.

COVID-19 Wastewater Surveillance



Current SARS-CoV-2 virus levels by site, United States

Current virus levels category	Num. sites	% sites	Category change in last 7 days
New Site	275	33	1%
0% to 19%	15	2	- 6%
20% to 39%	71	9	18%
40% to 59%	174	21	- 14%
60% to 79%	232	28	1%
80% to 100%	63	8	- 30%

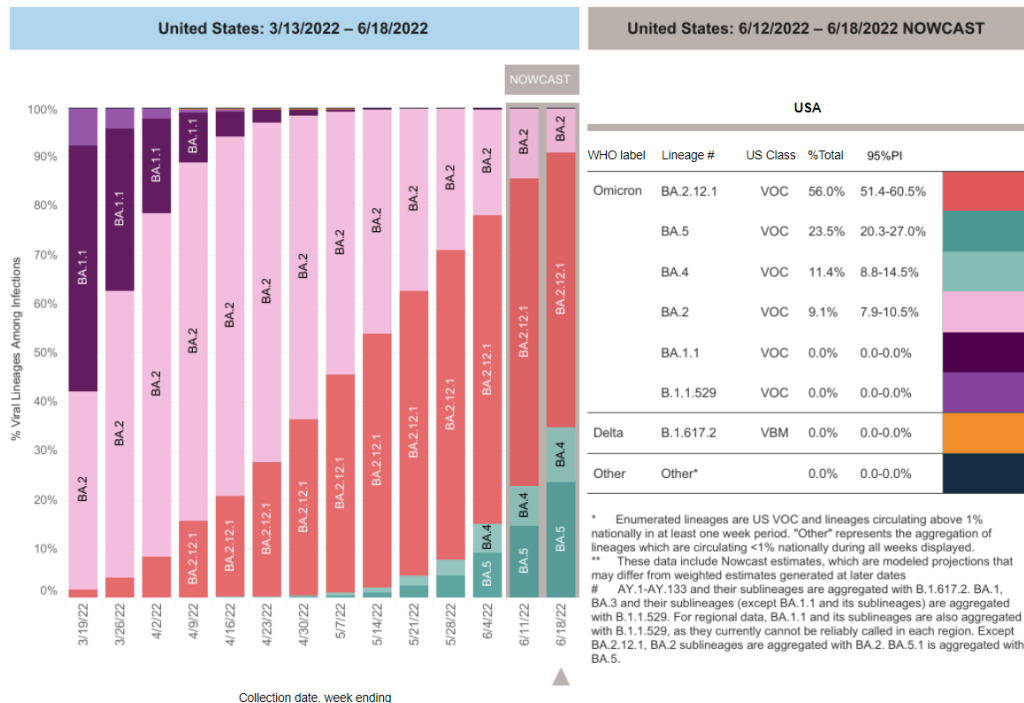
Total sites with current data: 830

Total number of wastewater sampling sites: 1033

COVID-19 Variants

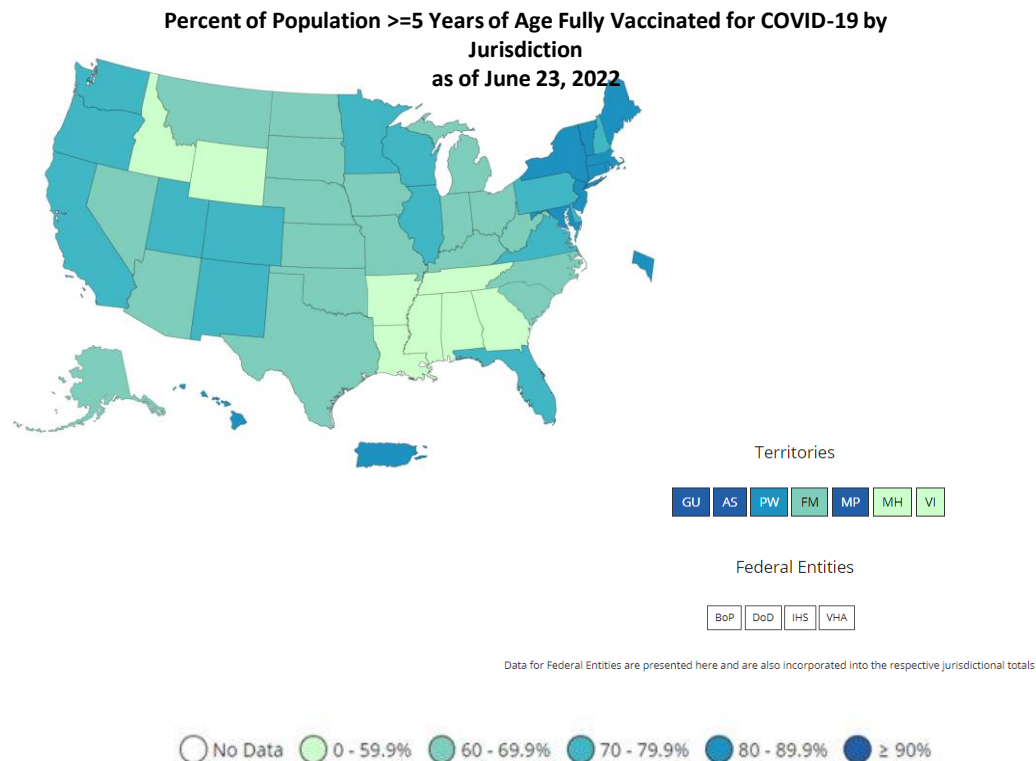
■ Estimated percentage of COVID-19 variants circulating in the United States as of June 18, 2022

- Omicron BA.2.12.1: 56.0% of cases
- Omicron BA.5: 23.5%
- Omicron BA.4: 11.4%
- Omicron BA.2: 9.1%



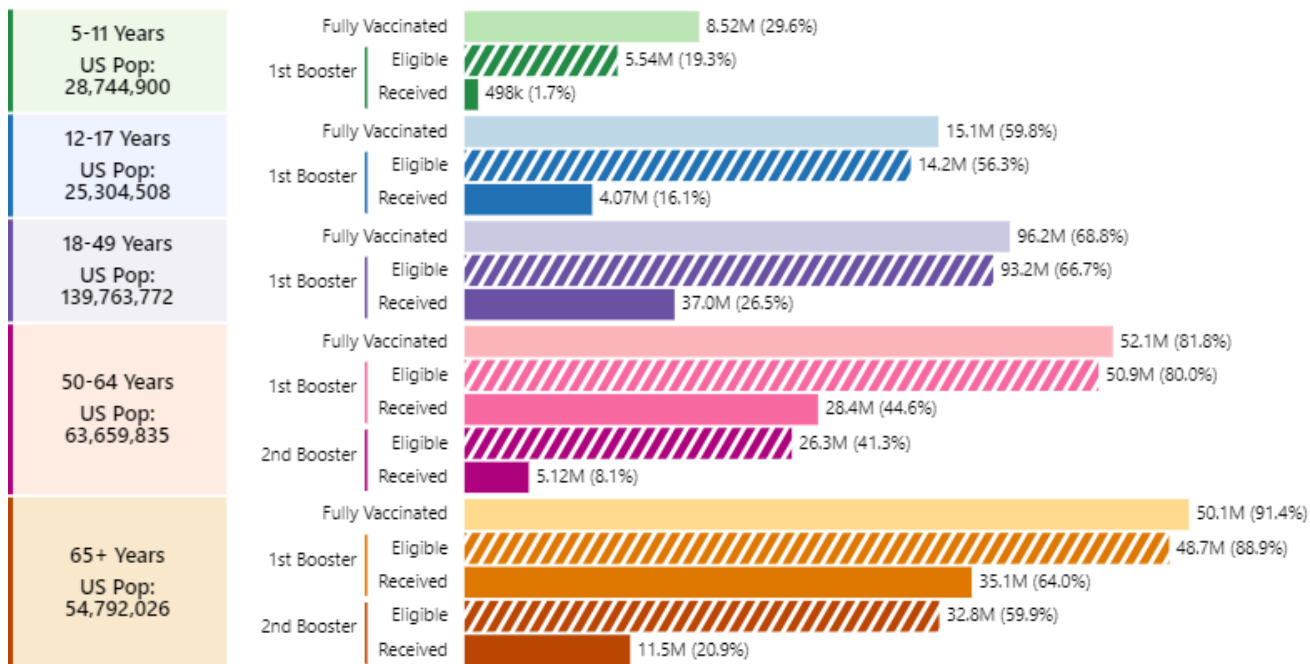
COVID-19 Vaccination: Domestic

- As of June 23, 2022
 - 78.1% of US population has received at least 1 dose
 - 66.9% of US population fully vaccinated
 - 47.3% of fully vaccinated persons have received one additional dose



COVID-19 Boosters

Primary Series Completion, Booster Dose Eligibility, and Booster Dose Receipt by Age, United States



Source: [CDC COVID Data Tracker: Vaccination Demographics Trends](#); [CDC COVID Data Tracker: Vaccination Demographics](#)

Current Priorities, Future Opportunities



Prioritize Health Equity


- Build on successes, learn from failures, ensure that equity remains a priority at all levels of response
- Ensure health equity consideration from the start in planning scientific studies, programmatic activities, guidance updates, etc.
- Understand and address concerns of people with disabilities, strengthen ties to advocacy organizations
- Assist with equitable access to testing and therapeutics



Protect the Vulnerable

- Communicate effective strategies to help protect yourself and others against COVID-19
- Communicate treatment availability for those at higher risk of severe disease
- Sustain use of COVID-19 vaccines to protect the health of individuals and communities

Getting Your COVID-19 Booster



Boosters are an important part of protecting yourself from getting seriously ill or dying from COVID-19. They are recommended for most people. Use this tool to determine when or if you (or your child) can get one or more COVID-19 boosters.

[Get Started >](#)

This tool is intended to help you make decisions about getting COVID-19 vaccinations. It should not be used to diagnose or treat COVID-19.

DON'T DELAY: TEST SOON AND TREAT EARLY

| COVID-19 |



If you are at high risk of getting very sick from COVID-19, and test positive, treatment may be available.



Get tested as soon as possible after your symptoms start.



Contact your healthcare provider right away if your result is positive.



Don't delay. Treatment must be started early to work.



cdc.gov/coronavirus

Incorporate COVID-19 into Routine Public Health Practice

- Planning for sustainability and incorporation of COVID-19 into routine public health practice
- CDC continues to fund and support development of public health emergency response capabilities in health departments



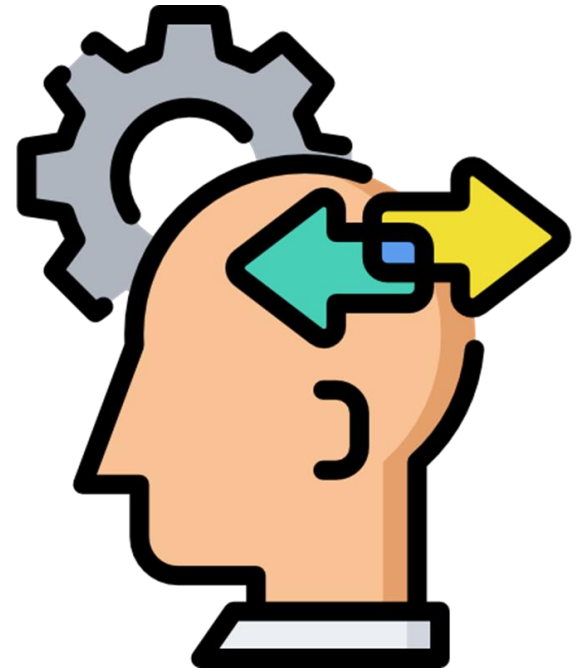
Data Modernization

- Expectations for timely and complete data and analysis have changed from public, media, policy makers, public health practitioners
- Data Modernization Initiative (DMI): Expanding the revolution in data science, analysis, and visualization for public health



Potential Long-Term Behavior Changes?

- Staying home when sick
- Normalization of option for people to use masks use in daily life
- Home testing for COVID-19 and other illnesses



Indoor Air Quality: Next Step in the Sanitary Revolution

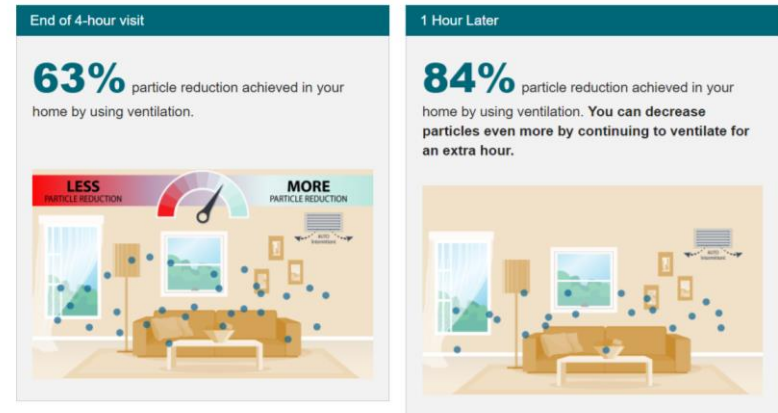
- Recognizing and acting on the importance of effective ventilation, filtration, disinfection
- Benefits in reduction of other respiratory infections
- [Interactive Ventilation Tool | CDC](https://www.cdc.gov/interactive-ventilation-tool.html)

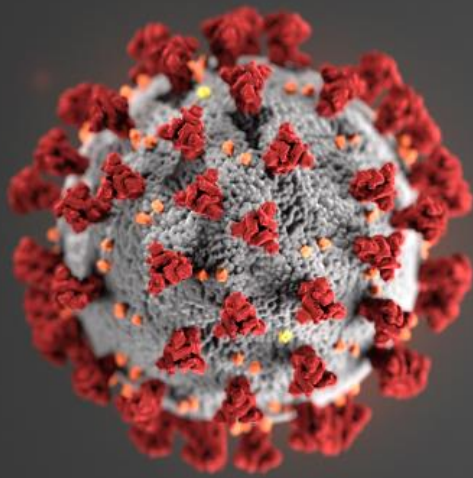
Interactive Ventilation Tool

Updated Feb. 9, 2022

[Print](#)

HVAC Operation i AUTO/Intermittent	Filter (Skip if no HVAC system) i Premium (MERV 13)
Portable HEPA Air Cleaner i No	Open Window i Yes
Extra hour of ventilation i Yes	





For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.



***Vaccination in Children
Under 5 Years: Re-Cap of
Recent Decisions and the Data
Underlying Them***



Perspectives from VRBPAC

Archana Chatterjee, MD, PhD

CDC/IDSA COVID-19 Clinician Call June 25, 2022: Perspectives from VRBPAC



Archana Chatterjee, MD, PhD
Dean, Chicago Medical School

Vice President for Medical Affairs, Rosalind
Franklin University of Medicine and Science



Highlights from VRBPAC Meeting

June 14-15, 2022







Day 1

- Focused on Moderna COVID-19 Vaccine: Request for Emergency Use Authorization (EUA) Amendment, Use of a 2-Dose Primary Series in Children and Adolescents 6 years through 17 Years of Age.
- CDC Presentations on:
 - COVID-19 Epidemiology and Disease Burden in Infants, Children and Adolescents
 - mRNA COVID-19 Vaccine Effectiveness
 - mRNA COVID-19 Vaccine Post Authorization Safety Assessment in Pediatric Age Groups

Day 2

- Focused on Moderna COVID-19 Vaccine: Request for EUA Amendment, use of a 2-Dose Primary Series in Infants and Children 6 Months through 5 Years of Age.
- Focused on Pfizer-BioNTech COVID-19 Vaccine: Request for EUA Amendment, Use of a **3**-Dose Primary Series in Infants and Children 6 Months through 4 Years of Age

Moderna Pediatric Clinical Trials

	6-11 years 	12-17 years 
Dose/regimen:	50 µg Two doses (0, 28 days) 	100 µg Two doses (0, 28 days) 
Pediatric Study	P204	P203
mRNA-1273 recipients	3,007	2,486
Immunobridging to 18-25-year-old participants in P301 (GMT and seroresponse)	✓	✓
Descriptive efficacy	✓	✓

Summary of Benefits & Risks (6 through 17 Years)





Known and Potential Benefits	Uncertainties in Benefits	Known and Potential Risks	Uncertainties in Risks
<p>Prevention of symptomatic COVID-19, based on:</p> <ul style="list-style-type: none"> • Immunobridging analyses met pre-specified success criteria that allow for inference of vaccine effectiveness for individuals 6 -17 years of age • Supportive evidence of vaccine efficacy against symptomatic COVID-19 in descriptive analyses • Expectation of greater effectiveness against more severe COVID-19 	<ul style="list-style-type: none"> • Effectiveness against: emerging SARS-CoV-2 variants, long term effects of COVID-19 disease • Effectiveness in: certain populations at higher risk of severe COVID-19, individuals previously infected with SARS-CoV-2 • Duration of protection 	<ul style="list-style-type: none"> • Local and systemic reactogenicity • Lymphadenopathy • Myocarditis/pericarditis • Anaphylaxis, and other hypersensitivity reactions 	<ul style="list-style-type: none"> • Safety in certain subpopulations • Adverse reactions that are uncommon or that require longer follow-up to be detected

Voting Questions for EUA

1. Based on the totality of scientific evidence available, do the benefits of the Moderna COVID-19 Vaccine when administered as a 2-dose series (100 µg each dose) outweigh its risks for use in adolescents 12 through 17 years of age?
2. Based on the totality of scientific evidence available, do the benefits of the Moderna COVID-19 Vaccine when administered as a 2-dose series (50 µg each dose) outweigh its risks for use in children 6 through 11 years of age?



Moderna Infants & Children Study

	6-23 months 	2-5 years 
Dose/regimen:	25 µg Two doses (0, 28 days) 	25 µg Two doses (0, 28 days) 
Pediatric Study	P204	P204
mRNA-1273 recipients	1,761	3,031
Immunobridging to 18-25-year-old participants in P301 (GMC and seroresponse)	✓	✓
Descriptive efficacy	✓	✓

Summary of Benefits and Risks 6 months-5 years


Known and Potential Benefits	Uncertainties in Benefits	Known and Potential Risks	Uncertainties in Risks
<p>Prevention of symptomatic COVID-19, based on:</p> <ul style="list-style-type: none">• Immunobridging analyses met pre-specified success criteria that allow for inference of vaccine effectiveness for individuals 6 months- 5 years of age• Supportive evidence of vaccine efficacy against symptomatic COVID-19 in descriptive analyses• Expectation of greater effectiveness against more severe COVID-19	<ul style="list-style-type: none">• Effectiveness against: emerging SARS-CoV-2 variants, long term effects of COVID-19 disease• Effectiveness in: certain populations at higher risk of severe COVID-19, individuals previously infected with SARS-CoV-2• Duration of protection	<ul style="list-style-type: none">• Local and systemic reactogenicity• Lymphadenopathy• Myocarditis/pericarditis• Anaphylaxis and other hypersensitivity reactions	<ul style="list-style-type: none">• Safety in certain subpopulations• Adverse reactions that are uncommon or that require longer follow-up to be detected


Voting Question for EUA

- Based on the totality of scientific evidence available, do the benefits of the Moderna COVID-19 Vaccine when administered as a 2-dose series (25 μ g each dose) outweigh its risks for use in children 6 months through 5 years of age?



Pfizer C4591007: Amended Phase 2/3 Study Design

6-23 months of age (n= 1776) 

2-4 years of age (n= 2750) 

Randomized 2:1

BNT162b2

Placebo

Dose 1

Dose 2

Dose 3



Dose 1

Dose 2

Dose 3



C4591007: Immunobridging Analysis

C4591007



6-23 Months of Age (n=82)



2-4 Years of Age (n=143)



3 μ g

1 month



Comparisons of neutralizing
antibody responses to
USA_WA1/2020**

C4591001



16-25 Years of Age
(n=170)



30 μ g

1 month



Summary of Benefits & Risks 6 Months – 4 Years

Known and Potential Benefits	Uncertainties in Benefits	Known and Potential Risks	Uncertainties in Risks
<p>Prevention of symptomatic COVID-19, based on:</p> <ul style="list-style-type: none">• Immunobridging analyses met pre-specified success criteria that allow for inference of vaccine effectiveness for individuals 6 months- 4 years of age• Preliminary evidence of vaccine efficacy against COVID-19 in descriptive analyses• Expectation of greater effectiveness against more severe COVID-19	<ul style="list-style-type: none">• Effectiveness against: emerging SARS-CoV-2 variants, long term effects of COVID-19• Effectiveness in: certain populations at higher risk of severe COVID-19, individuals previously infected with SARS-CoV-2• Duration of protection	<ul style="list-style-type: none">• Local and systemic reactogenicity• Myocarditis/pericarditis• Lymphadenopathy• Anaphylaxis and other hypersensitivity reactions	<ul style="list-style-type: none">• Safety in certain subpopulations• Adverse reactions that are uncommon or that require longer follow-up to be detected

Voting Question for EUA

- Based on the totality of scientific evidence available, do the benefits of the Pfizer-BioNTech COVID-19 Vaccine, when administered as a three-dose series (3 mcg each dose), outweigh its risks for use in infants and children 6 months through 4 years of age?



***Vaccination in Children
Under 5 Years: Re-Cap of
Recent Decisions and the Data
Underlying Them***



FDA Update

Peter Marks, MD, PhD

Pediatric COVID-19 Vaccines

Peter Marks, MD, PhD

IDSA/CDC Call

June 25, 2022

COVID-19 Vaccines in Young Children

- Special considerations in children 5 years and younger
 - Determination of appropriate dosage and number of doses
 - Duration and number of children for safety follow-up
 - Benefit-risk considerations
- Trials completed is several thousand children with immunogenicity determined in several hundred
 - Moderna 2-dose regimen
 - Pfizer-BioNTech 3-dose regimen



Moderna 6 mo through 5 yrs

2 dose regimen 25 mcg (1/4 adult dose) days 1, 28

Parameter		6 mo – 2 yrs Vaccine	6 mo – 2 yrs Placebo	2 yrs – 5 yrs Vaccine	2 yrs – 5 yrs Placebo
Safety Dose 2	Local Redness	13.5%	3.8%	8.8%	1.6%
	Fever	14.6%	8.3%	16.9%	6.6%

Parameter	6 mo – 2 yrs	2 yrs – 5 yrs
Immunogenicity (GMTR)	1.3 (95% CI 1.1, 1.5)	1.0 (95% CI 0.98, 1.27)

Parameter	6 mo – 2 yrs	2 yrs – 5 yrs
Effectiveness	31.5% (95% CI -27.7, 62.0)	46.4% (95% CI 19.8, 63.8)

GMTR compared with 18 to 25 yrs.; Efficacy cases n = 37:18, 71:43 with 3:1 randomization 40

Pfizer-BioNTech 6 mo through 4 yrs

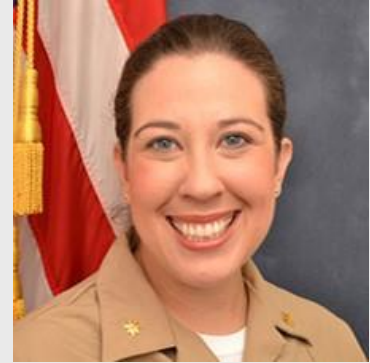
3 dose regimen 3 mcg (1/10 adult dose) days 1, 21, 81

Parameter		6 mo – 2 yrs Vaccine	6 mo – 2 yrs Placebo	2 yrs – 5 yrs Vaccine	2 yrs – 5 yrs Placebo
Safety Dose 3	Local Redness	7.1%	5.3%	10.9%	3.4%
	Fever	6.8%	5.9%	5.1%	4.2%

Parameter	6 mo – 2 yrs	2 yrs – 5 yrs
Immunogenicity (GMTR)	1.19 (95% CI 1.00, 1.42)	1.30 (95% CI 1.13, 1.50)

Parameter	6 mo – 2 yrs	2 yrs – 5 yrs
Effectiveness	82.3% (95% CI -8.0, 98.3)	75.5% (95% CI -370.1, 99.6)

***Vaccination in Children
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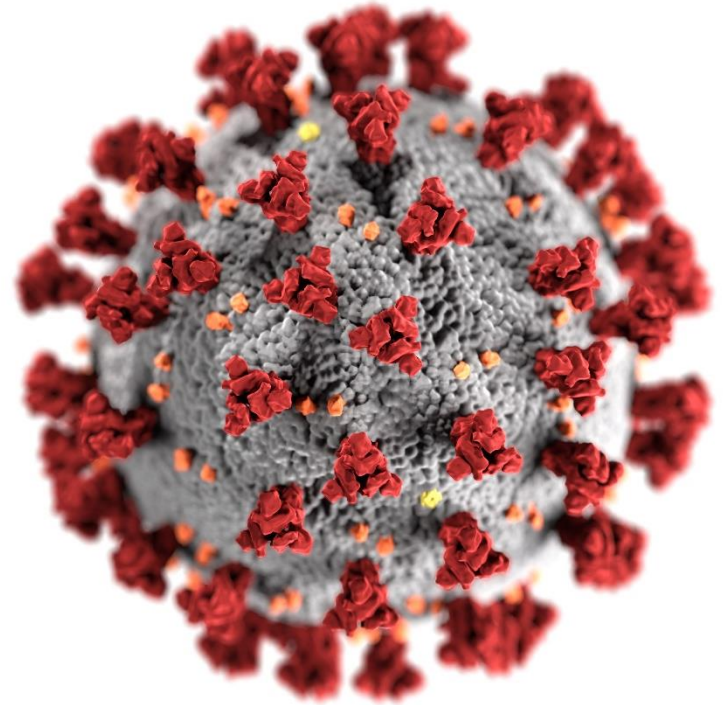


ACIP Update

Sara Oliver, MD, MSPH

Recommendations for mRNA COVID-19 vaccines in children and adolescents

Sara Oliver, MD, MSPH



cdc.gov/coronavirus

Summary

- Since the beginning of the COVID-19 pandemic:
Among U.S. children ages 6 months – 4 years of age, there have been
 - Over **2 million cases**
 - Over **20,000 hospitalizations**
 - Over **200 deaths**
- Among U.S. children ages 5 – 17 years of age, there have been
 - Over **10 million cases**
 - Over **45,000 hospitalizations**
 - Over **600 deaths**
- COVID-19 can cause severe disease and death among children and adolescents, including those without underlying medical conditions
- Future surges will continue to impact children, with **unvaccinated** children remaining at **higher risk** of severe outcomes

ACIP interpretation:

mRNA COVID-19 vaccines in young children

- mRNA COVID-19 vaccine clinical trials in young children both conducted during Omicron predominance, but different months and incidence levels
- **Efficacy estimates** for these two vaccines **cannot be directly compared**
- Both vaccines met non-inferiority criteria for neutralizing antibody levels
- Clinical trials were not powered to detect efficacy against severe disease in young children, but similar patterns in this age group are expected to what is seen in everyone ages 5 years and older
- Post-authorization effectiveness studies can help determine subsequent timing and need of **boosters**
 - Immunocompromised children may also need additional doses for optimal protection

Summary

mRNA COVID-19 vaccines in children and adolescents

- As with all other age groups, priority is **vaccination of unvaccinated individuals**
- **18.7 million** children ages 6 months–4 years now eligible
- **25 million** unvaccinated children and adolescents ages 5–11 and 12–17 years
- Benefits outweigh risks for mRNA COVID-19 vaccines in all ages: receipt of **primary series** continues to be the **safest** way to **prevent serious COVID-19**

ACIP Recommendation

A **two-dose** Moderna COVID-19 vaccine series (25 μ g) is recommended for children ages **6 months – 5 years**, under the EUA issued by FDA

Two doses of 25 μ g Moderna COVID-19 vaccine, 28-days apart

A **three-dose** Pfizer-BioNTech COVID-19 vaccine series (3 μ g each) is recommended for children ages **6 months – 4 years**, under the EUA issued by FDA

Three doses of 3 μ g Pfizer-BioNTech COVID-19 vaccine
21 days and at least 8 weeks apart

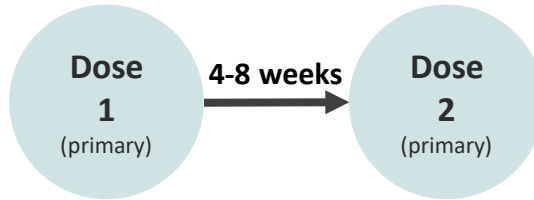
ACIP Recommendation

A **two-dose** Moderna COVID-19 vaccine series (50µg) is recommended for children ages **6–11 years**, under the EUA issued by FDA

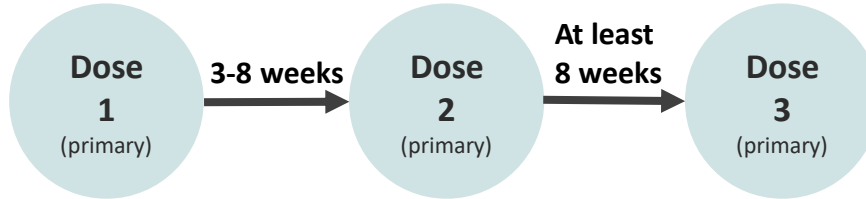
A **two-dose** Moderna COVID-19 vaccine series (100µg) is recommended for adolescents ages **12 – 17 years**, under the EUA issued by FDA

Pediatric Schedule: People Who Are NOT Moderately or Severely Immunocompromised

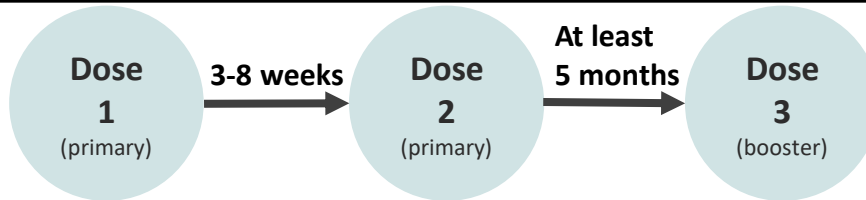
Moderna
(6 months–
17 years)



Pfizer-BioNTech
(6 months–
4 years)

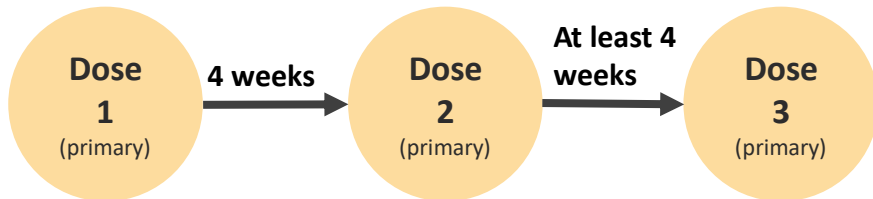


Pfizer-BioNTech
(5 years–
17 years)

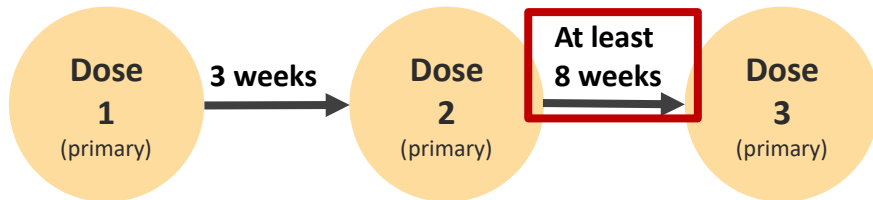


Pediatric Schedule: People Who ARE Moderately or Severely Immunocompromised

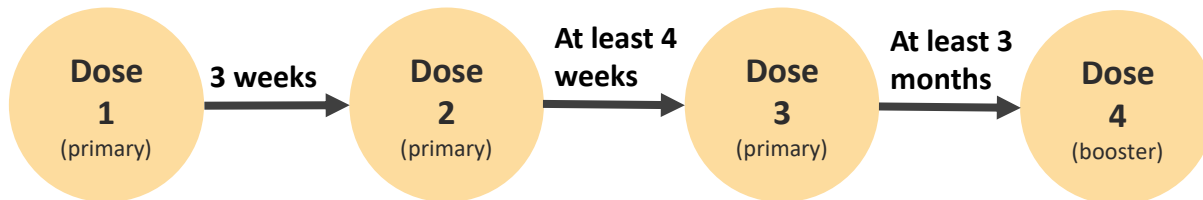
Moderna
(6 months–
17 years)



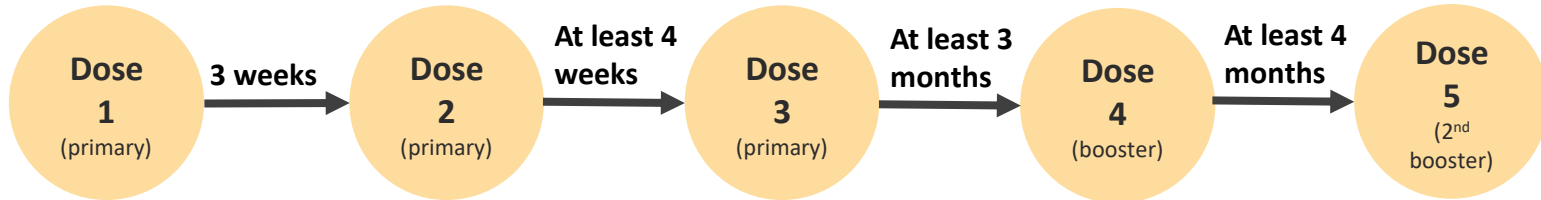
Pfizer-BioNTech
(6 months–
4 years)



Pfizer-BioNTech
(5 years–
11 years)

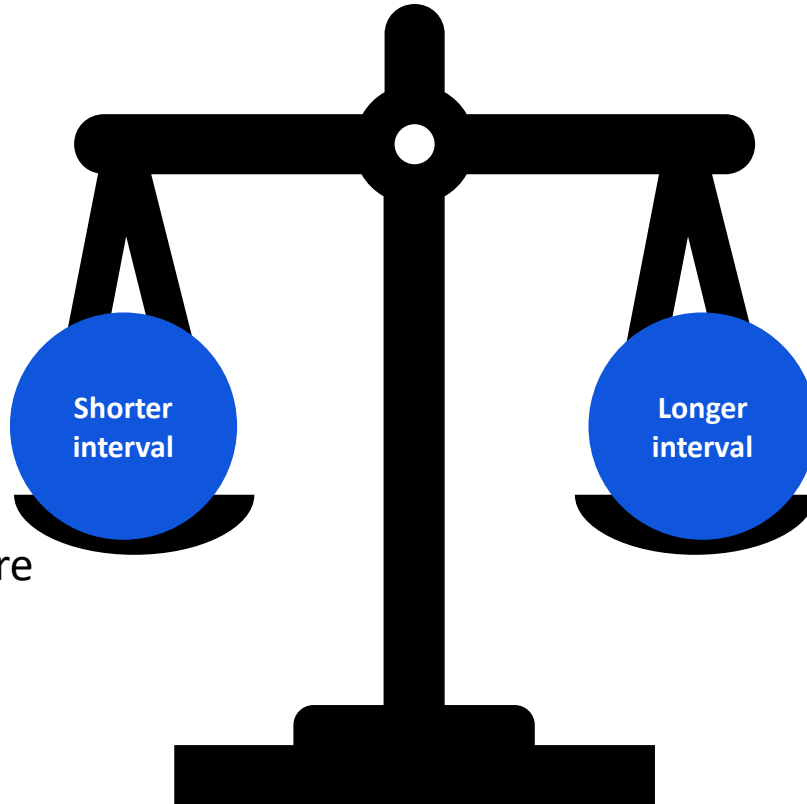


Pfizer-BioNTech
(12 years–
17 years)



Considerations for Extended Interval Between Dose 1 & 2

- Immunocompromised
- High risk for severe disease
- Household members with high risk for severe disease
- High COVID-19 community levels




- Reduced myocarditis risk
- Adolescent and young adult males
- Optimize vaccine effectiveness

Moderna COVID-19 Vaccine Products

Authorized Age group	 6 months–5 years (primary series)	 <ul style="list-style-type: none"> • 6–11 years (primary series) • 18 years and older (booster doses) 	 <ul style="list-style-type: none"> • 12 years and older (primary series) • 18 years and older (booster doses)
Vial cap color	Dark blue	Dark blue	Red
Label border color	Magenta	Purple	Light blue
Dose (mRNA concentration)	25 mcg	50 mcg	100 mcg
Injection volume volume	0.25 mL	0.5 mL	0.5 mL (primary, age 12+); 0.25mL (booster, age 18+)
Dilution required	No	No	No
Doses per vial	10	5	Maximum of 11

Moderna COVID-19 Vaccine Product for Ages 6–11 Years


703595

STORE FROZEN between
-50° to -15°C (-58° to 5°F).
Protect from light. No preservative.
After first use, hold at 2° to 25°C
(36° to 77°F). Discard after 12 hours.
Record date/time of first use: _____

Scan here for FDA-authorized Fact Sheet
for dosage and administration,
and product expiration dates, or visit
www.modernatx.com/covid19vaccine-eu/


Mfd. for: Moderna US, Inc.,
Cambridge, MA 02139

**Moderna
COVID-19
Vaccine**

Suspension for
Intramuscular Injection
For use under
Emergency Use Authorization

NDC 80777-275-05

BOOSTER DOSES ONLY

 2.5 mL Multi-Dose Vial
Booster Dose: 0.5 mL

LOT

Labeled for “BOOSTER
DOSES ONLY” but is
authorized for:

- Primary doses in
children ages 6–11
years
- Booster doses in
adults ages 18 years
and older

Pfizer-BioNTech COVID-19 Vaccine Products



**Product for ages
6 months–4
years**



**Product for ages
5–11 years**

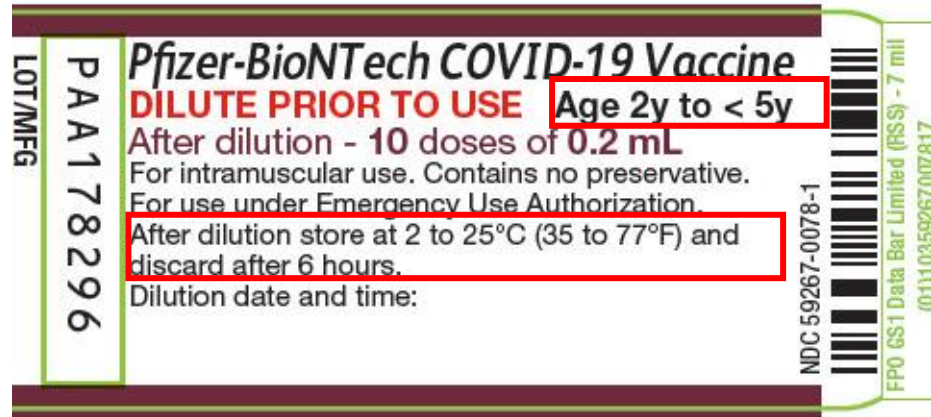


**Product for ages
12 years and
older**

	Product for ages 6 months–4 years	Product for ages 5–11 years	Product for ages 12 years and older
Authorized for ages	6 months–4 years	5–11 years	12 years and older
Vial cap color	Maroon	Orange	Gray
Dose (mRNA concentration)	3 mcg	10 mcg	30 mcg
Injection volume	0.2 mL	0.2 mL	0.3 mL
Dilution required	Yes—2.2 mL	Yes—1.3 mL	No
Doses per vial	10 (after dilution)	10 (after dilution)	6

Pfizer-BioNTech COVID-19 Vaccine Product for Ages 6 Months–4 Years

Vaccine may be discarded **12 hours** after dilution rather than **6 hours**.



Vial label states Age 2y to <5y but can be used in children ages 6 months–4 years.

Vaccine Dosage

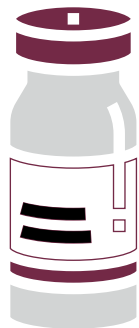
- Children should receive the age-appropriate vaccine product and follow the schedule based on their age **on the day of vaccination**, regardless of their size or weight.
- If a child moves from a younger age group to an older age group (e.g., moves from age 11 years to age 12 years) during the primary series or between the primary series and receipt of the booster dose(s), they should receive the vaccine dosage for the older age group for all subsequent doses.

Children who turn from age 4 to 5 years

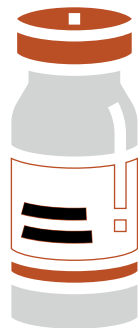
Recommended

Pfizer-BioNTech COVID-19 vaccine

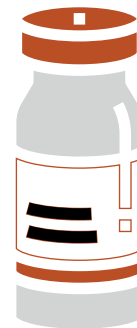
5th birthday



3-8 weeks



8 weeks



Dose 1:

**Maroon cap, 3 mcg
0.2mL**

Dose 2:

**Orange cap, 10 mcg
0.2mL**

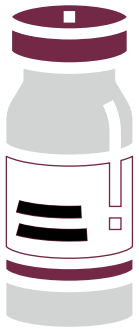
Dose 3:

**Orange cap, 10 mcg
0.2mL**

Children who turn from age 4 to 5 years

Recommended

Pfizer-BioNTech COVID-19 vaccine



Dose 1:

**Maroon cap, 3 mcg
0.2mL**

3-8 weeks



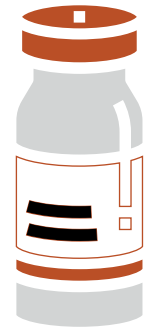
Dose 2:

**Maroon cap, 3 mcg
0.2mL**

5th birthday



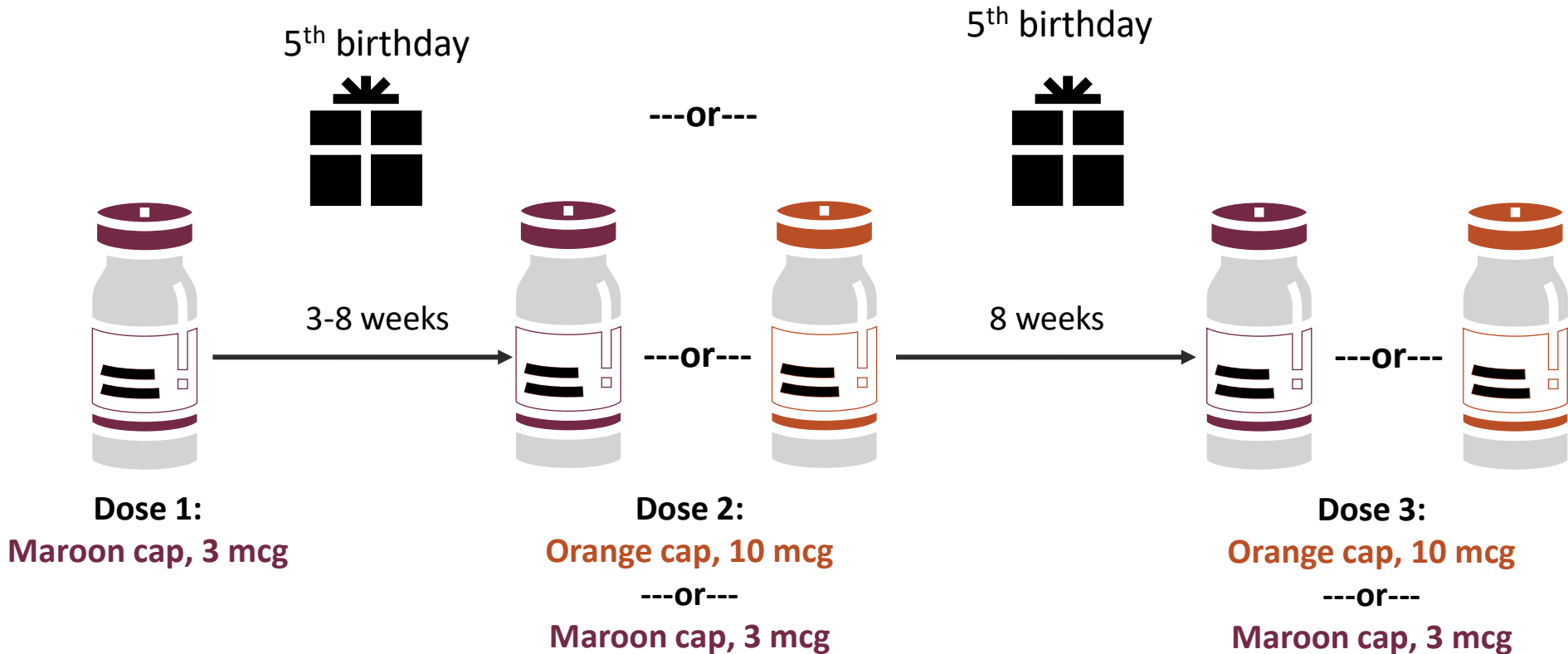
8 weeks



Dose 3:

**Orange cap, 10 mcg
0.2mL**

Children who turn from age 4 to 5 years Allowed (not an administration error) Pfizer-BioNTech COVID-19 vaccine



Children who turn from age 5 to 6 years

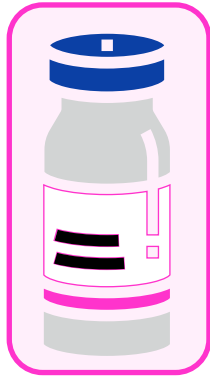
Recommended

Moderna COVID-19 vaccine

6th birthday



4-8 weeks



Dose 1:

Dark blue cap, magenta label border

25mcg

0.25mL



Dose 2:

Dark blue cap, purple border

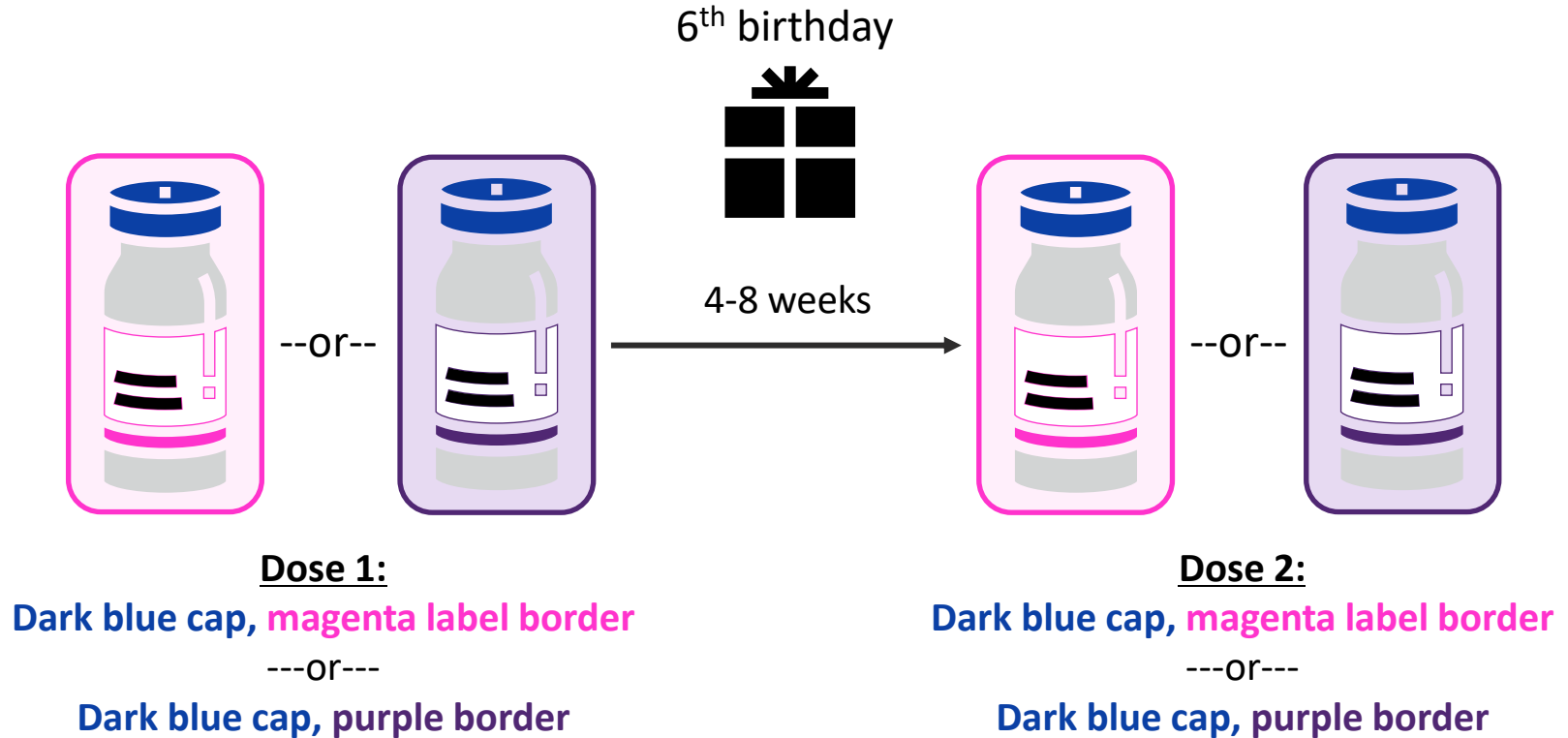
50mcg

0.5mL

Children who turn from age 5 to 6 years

Allowed (not an administration error)

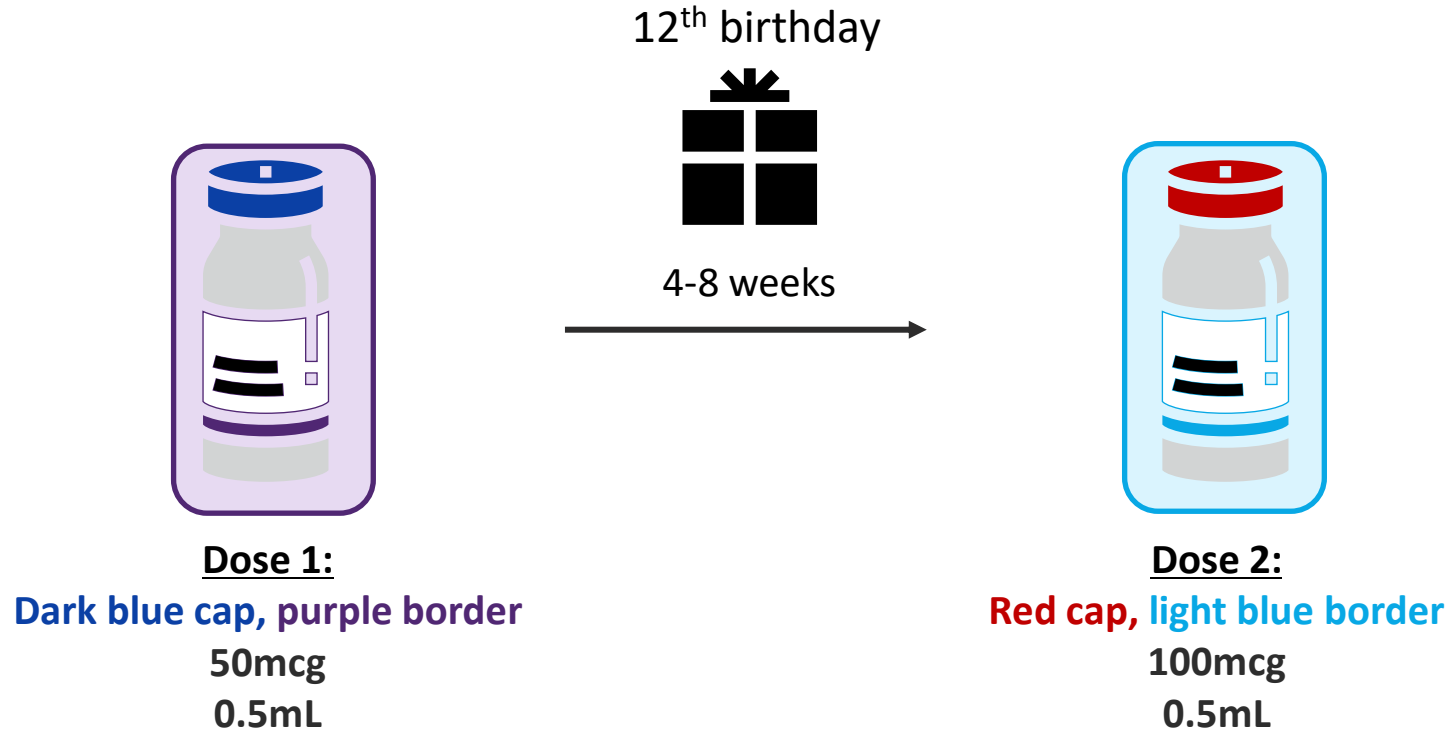
Moderna COVID-19 vaccine



Children who turn from age 11 to 12 years

Recommended

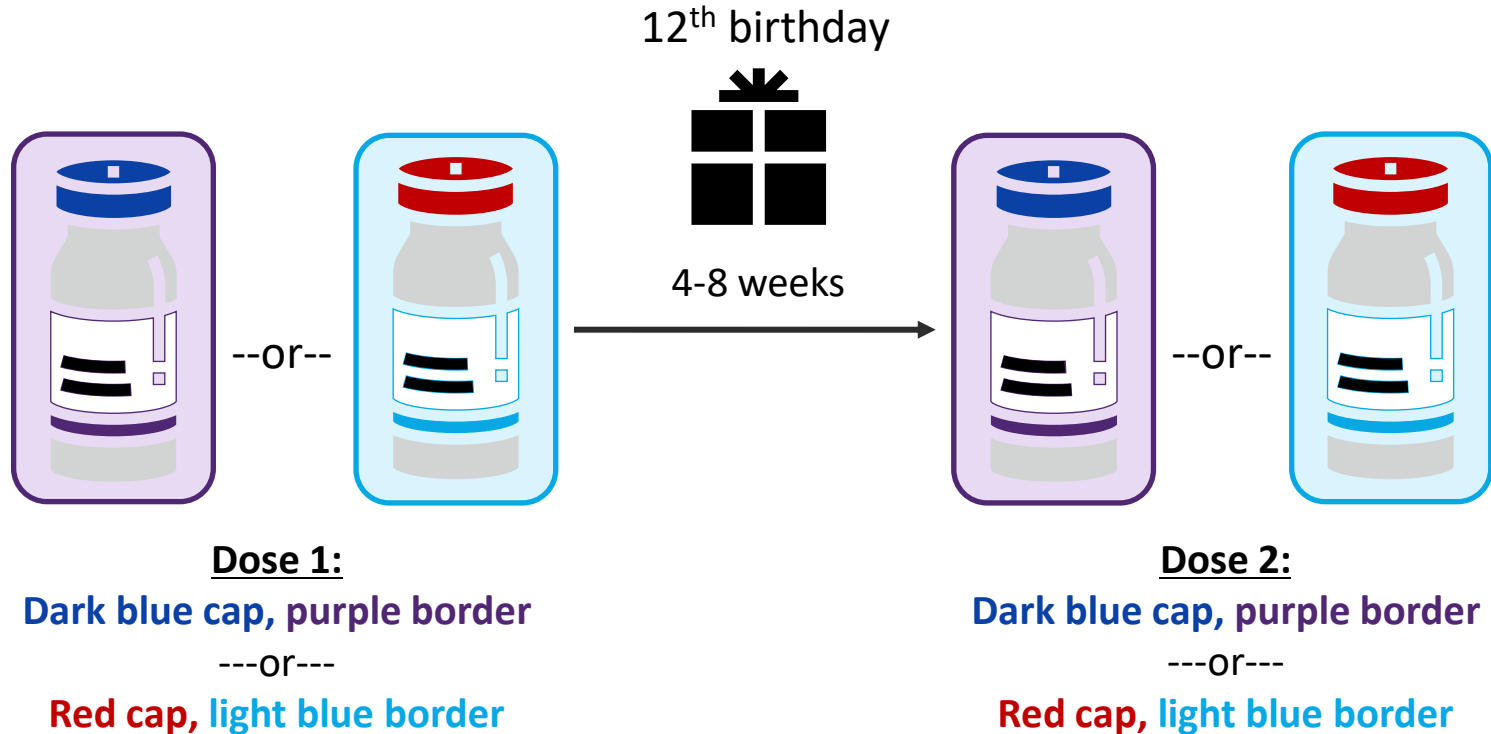
Moderna COVID-19 vaccine



Children who turn from age 11 to 12 years

Allowed (not an administration error)

Moderna COVID-19 vaccine



Administration

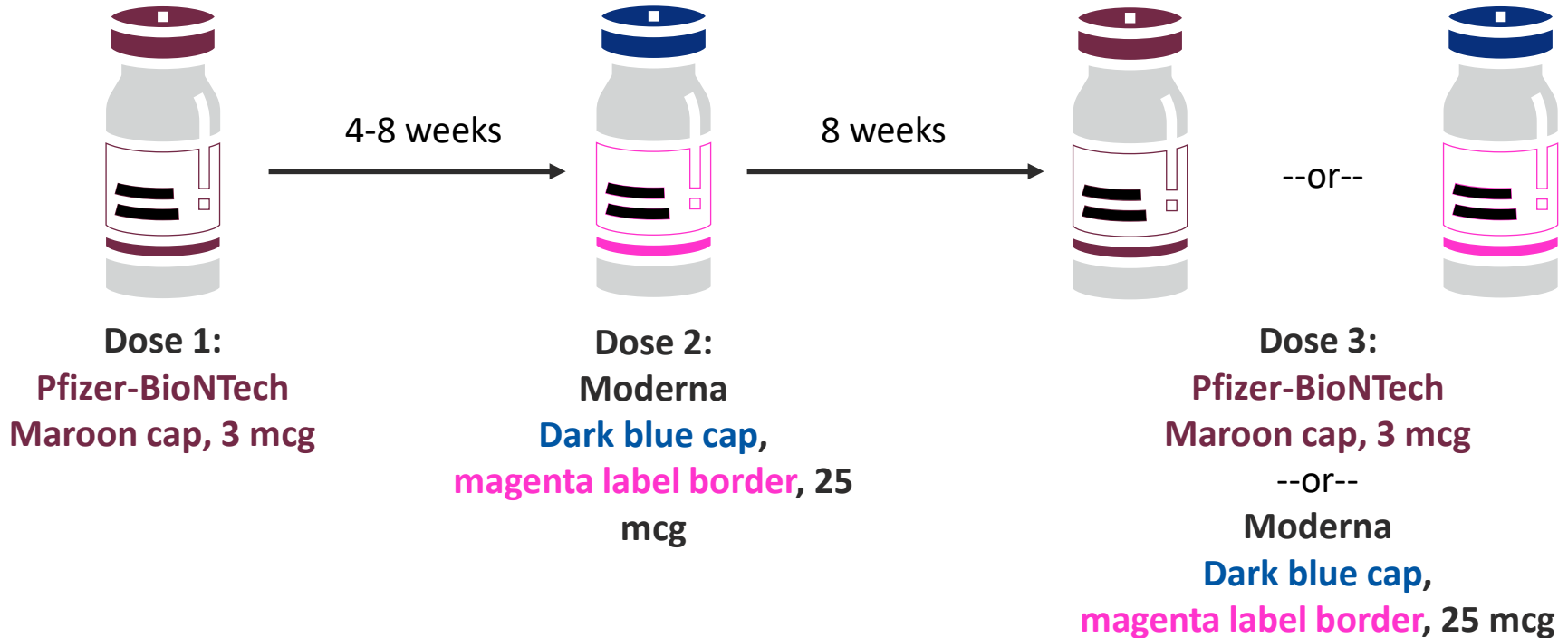
- Existing guidance applies to children and adolescents
- Coadministration: COVID-19 vaccines **may be administered** without regard to timing of other vaccines
 - Considerations included in the interim clinical considerations
- Interchangeability: COVID-19 vaccines are not interchangeable. The same mRNA vaccine product should be used for all doses of the primary series

Mixed Series For Children Ages 6 months–4 Years

- Children ages 6 months–4 years who receive different mRNA products for the first 2 doses of an mRNA COVID-19 vaccine series should receive a third dose of either mRNA vaccine 8 weeks after the second dose to complete the 3-dose primary series

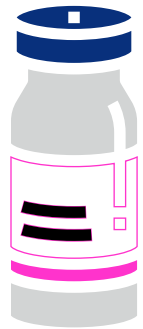
Mixed Series For Children Ages 6 months–4 Years

- Scenario 1:

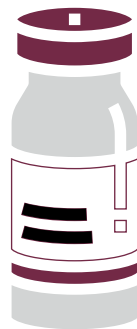


Mixed Series For Children Ages 6 months–4 Years

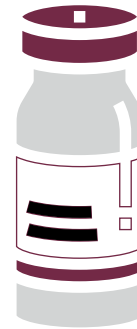
Scenario 2:



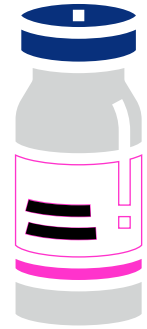
4-8 weeks



8 weeks



--or--



Dose 1:

Moderna

Dark blue cap,

magenta label border,

25 mcg

Dose 2:

Pfizer-BioNTech

Maroon cap, 3

mcg

Dose 3:

Pfizer-BioNTech

Maroon cap, 3 mcg

--or--

Moderna

Dark blue cap,

magenta label border, 25 mcg

Potential Vaccine Administration Errors

- More opportunities for errors with:
 - More products
 - Products not labeled for the indicated age group
 - New pediatric providers that may be unfamiliar with COVID-19 vaccines
- Most likely errors with this context:
 - Incorrect product and/or dose volume, resulting in a higher-than-authorized dose
 - Incorrect product and/or dose volume, resulting in a lower-than-authorized dose
 - Correct dose from an incorrect product
 - Vaccine administered past beyond-use date

Preventing Vaccine Administration Errors

- Clinical guidance for errors:

<https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html#appendix-c>

- Handout:

<https://www.cdc.gov/vaccines/hcp/admin/downloads/vaccine-administration-preventing-errors.pdf>

YOU CALL THE SHOTS

Vaccine Administration: Preventing Vaccine Administration Errors

A vaccine administration error is any preventable event that may cause or lead to inappropriate medication use or patient harm.¹ Vaccine administration errors can have many consequences, including inadequate immunological protection, possible injury to the patient, cost, inconvenience, and reduced confidence in the health care delivery system. Take preventive actions to avoid vaccine administration errors and establish an environment that values reporting and investigating errors as part of risk management and quality improvement.

Vaccine administration errors may be due to causes such as:

- Insufficient staff training
- Distraction
- Changes in recommendations
- Lack of standardized protocols
- Patient misidentification
- Using nonstandard or error-prone abbreviations
- Easily misidentified products (e.g. DTaP, DT, Tdap, Td)

If an error occurs, determine how it occurred and take the appropriate actions to put strategies in place to prevent it from happening in the future. The following table outlines common vaccine administration errors and possible preventive actions you can take to avoid errors.

Error(s)	Possible Preventive Actions
<p>Wrong vaccine, route, site, or dosage (amount); or improperly prepared.</p>	<ul style="list-style-type: none"> Circle important information on the packaging to emphasize the difference between the vaccines. Include the brand name with the vaccine abbreviation whenever possible (e.g., PCV13 [Prevnar13] in orders, medical screens, etc). Separate vaccines into bins or other containers according to type and formulation. Use color-coded identification labels on vaccine storage containers. Store look-alike vaccines in different areas of the storage unit (e.g., pediatric and adult formulations of the same vaccine on different shelves in the unit). Do not list vaccines with look-alike names sequentially on computer screens, order forms, or medical records, if possible. Consider using "name alert" or "look-alike" stickers on packaging and areas where these vaccines are stored. Consider purchasing products with look-alike packaging from different manufacturers, if possible. Establish "Do NOT Disturb" or no-interruption areas or times when vaccines are being prepared or administered. Prepare vaccine for one patient at a time. Once prepared, label the syringe with vaccine name. Do not administer vaccines prepared by someone else. Triple-check work before administering a vaccine and ask another staff member to check. Keep reference materials on recommended sites, routes, and needle lengths for each vaccine used in your facility in the medication preparation area. Clearly identify diluents if the manufacturer's label could mislead staff into believing the diluent is the vaccine itself. Integrate vaccine administration training into orientation and other appropriate education requirements. Provide education when new products are added to inventory or recommendations are updated. Use standing orders, if appropriate.

1. National Coordinating Council for Medication Error Reporting and Prevention, <https://www.nccmerp.org/about-medication-errors>

01/05/2021 CS 52039-A

VAKERS website at <https://vakers.hhs.gov/reportevent.html>

* At this time, COVID-19 vaccination has additional VAKERS reporting requirements, including required reporting of vaccine administration errors. Please see <https://www.hhs.gov/covid19> for more information.

01/05/2021 CS 52039-A

Interim Clinical Considerations

- Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States: <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html>
- FAQs for the Interim Clinical Considerations: <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/faq.html>
- At-A-Glance COVID-19 Vaccination Schedule: <https://www.cdc.gov/vaccines/covid-19/downloads/COVID-19-vacc-schedule-at-a-glance-508.pdf>

The image displays a screenshot of the CDC's 'Vaccines & Immunizations' website. The main heading is 'Interim Clinical Considerations for Use of COVID-19 Vaccines Currently Approved or Authorized in the United States'. A summary of recent changes (last updated May 20, 2022) includes:

- New guidance for use of a Pfizer-BioNTech COVID-19 Vaccine booster dose in children ages 5-11 years
- Updated guidance that the following people should receive a second COVID-19 booster dose:
 - People ages 12 years and older who are moderately or severely immunocompromised
 - People ages 50 years and older
- Updated guidance for people who are moderately or severely immunocompromised and are treated with B-cell-depleting therapies
- Clarification of COVID-19 vaccination guidance for multystem inflammatory syndrome in children (MIS-C) and adults (MIS-A)
- Updated guidance for primary series vaccination after SARS-CoV-2 infection

Reference materials include: Summary Document for Interim Clinical Considerations, Interim COVID-19 Immunization Schedule, At-A-Glance COVID-19 Vaccination Schedule (NEW 5/24/2022), Administration Error Revaccination Guidance, and Administration Error Revaccination Guidance - Poster.

Below the text, there are three vaccination schedule diagrams:

- Standard Schedule:** Dose 1 (primary) in 3-8 weeks, Dose 2 (booster) in at least 5 months, Dose 3 (2nd mRNA booster) in at least 4 months, and Dose 4 (2nd mRNA booster) in at least 4 months. A note states: '2nd booster dose for some groups'. A separate note says: 'People ages 50 years and older should get a 2nd booster.'
- Intermediate Schedule:** Dose 1 (primary) in 4-8 weeks, Dose 2 (booster) in at least 5 months, Dose 3 (booster) in at least 4 months, and Dose 4 (2nd mRNA booster) in at least 4 months. A note says: 'People ages 50 years and older should get a 2nd booster.'
- Janssen (J&J) Schedule:** Dose 1 (primary) in at least 2 months, Dose 2 (booster) in at least 4 months, and Dose 3 (2nd mRNA booster) in at least 4 months. A note says: 'People ages 50 years and older should get a 2nd booster.' Another note says: 'People ages 18 years and older who received 2 Janssen doses may get a 2nd booster.'

The CDC logo is visible at the bottom left, and the URL 'cdc.gov/coronavirus' is at the bottom right.

Clinical Resources

- US COVID-19 Vaccine Product Information:

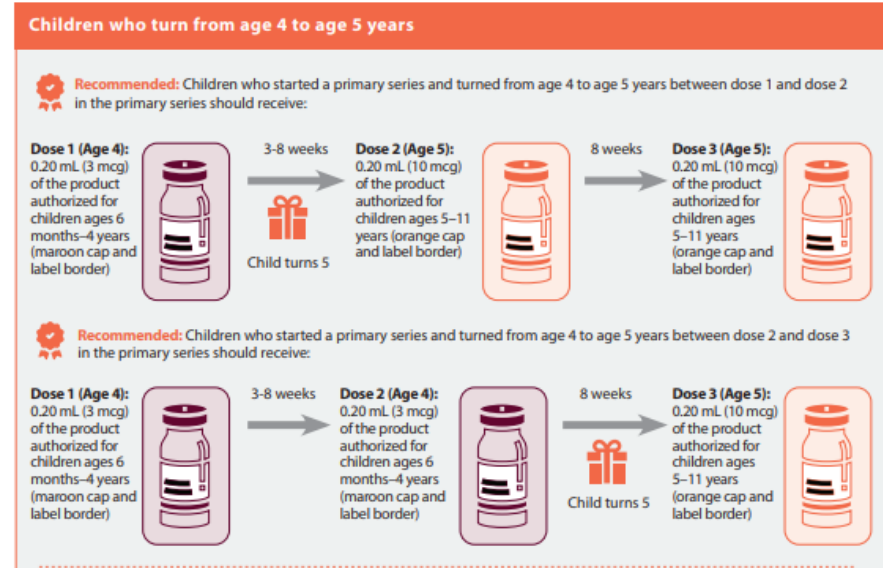
<https://www.cdc.gov/vaccines/covid-19/info-by-product/index.html>

- Age transition job aids

<https://www.cdc.gov/vaccines/covid-19/downloads/Moderna-Child-Age-Transition-508.pdf>

<https://www.cdc.gov/vaccines/covid-19/downloads/Pfizer-Child-Age-Transition-508.pdf>

The screenshot shows the CDC website page for U.S. COVID-19 Vaccine Product Information. The page has a green header with the title "Vaccines & Immunizations" and a breadcrumb trail "CDC > COVID-19 Vaccination". On the left is a navigation menu with options like "Product Info by U.S. Vaccine", "Pfizer-BioNTech Vaccines", "Moderna Vaccine", "Janssen/J&J Vaccine", "EUA", "EUI", "FAQs for Healthcare Professionals", "Interim Clinical Considerations", "Clinical Care", "Provider Rec Support", and "Training and". The main content area is titled "U.S. COVID-19 Vaccine Product Information" and includes a search bar, filter buttons for "Pfizer-BioNTech", "Moderna", and "Janssen/J&J", and links to "Interim COVID-19 Immunization Schedule for Ages 5+", "Prevaccination Screening Form", and "FAQs for Healthcare Professionals".



Resources for Vaccine Recipient Education

- Recipient Education:
<https://www.cdc.gov/vaccines/covid-19/hcp/index.html>
- COVID-19 Vaccination for Children:
<https://www.cdc.gov/vaccines/covid-19/planning/children.html>

COVID-19 Vaccines for Children and Teens
What Parents and Caregivers Need to Know

Everyone ages 5 years and older should get vaccinated against COVID-19

If infected with COVID-19, children and teens can:

- Get really sick
- Have both short- and long-term health problems
- Spread COVID-19 to loved ones and people at school and in the community

There is no way to tell in advance how children or teens will be affected by COVID-19. Although uncommon, even healthy children can get really sick from COVID-19. Children and teens can also experience ongoing health problems after getting COVID-19 that can include physical and mental health complications that can affect their quality of life.

Getting children vaccinated can help keep them from getting really sick if they do get COVID-19. Vaccination can also help keep children in school or daycare and safely participating in group activities.

Help protect children and teens by getting them vaccinated against COVID-19.

COVID-19 vaccines are safe for children and teens

The benefits of COVID-19 vaccination outweigh the known and potential risks.

COVID-19 vaccines are monitored under the most intense safety monitoring in U.S. history. Before recommending COVID-19 vaccination for children, scientists conducted clinical trials with thousands of children to make sure vaccination was safe and effective. The safety of COVID-19 vaccines continues to be monitored, including the low risk of myocarditis and pericarditis in children and teens. Serious reactions after COVID-19 vaccination are rare and are most frequently reported the day after vaccination.

Children cannot get COVID-19 from getting vaccinated and COVID-19 vaccines do not alter DNA in any way. There is also no evidence that COVID-19 vaccination causes any problems with fertility or becoming pregnant in the future.

Through ongoing safety monitoring, COVID-19 vaccination continues to be found safe for children and teens.

Children and teens who have already had COVID-19 should still get vaccinated

Emerging evidence indicates that people can get added protection by getting vaccinated after having been infected with the virus that causes COVID-19. So, even if a child has had COVID-19, they should still get vaccinated.

Fever/Headache
Tiredness
Dizziness
Muscle/Joint pain
Pain at injection site
Nausea/Dizziness

Get started with v-safe

After getting your child vaccinated, enroll them in the v-safe After Vaccination Health Checker. v-safe provides personalized and confidential health check-ins after COVID-19 vaccination.

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

www.cdc.gov/covid-19/children-teens.html

U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

www.cdc.gov/covid-19/children-teens.html

***Pediatric Vaccine
Implementation: Key
Considerations for Clinicians***

Lisa M. Costello, MD, MPH, FAAP



Pediatric COVID-19 Vaccine Implementation: Key Considerations for Clinicians

June 25, 2022

Lisa M. Costello, MD, MPH, FAAP
Immediate Past President, AAP West Virginia Chapter
Member, AAP Committee on State Government
Affairs (COSGA)

American Academy of Pediatrics
DEDICATED TO THE HEALTH OF ALL CHILDREN®



No financial disclosures



HOPE FOR THE FUTURE: COVID-19 VACCINATION FOR CHILDREN 6 MONTHS AND OLDER

News Release

American Academy of Pediatrics Applauds CDC Approval of Safe, Effective COVID-19 Vaccines for Children Ages 6 Months and Older

[Home](#) / [News Room](#) / American Academy of Pediatrics Applauds CDC Approval of Safe, Effective COVID-19 Vaccines for Children Ages 6 Months and Older

ITASCA, IL—Today, the Advisory Committee on Immunization Practices (ACIP) of the Centers for Disease Control and Prevention (CDC) recommended two COVID-19 vaccines: one for children ages 6 months through 4 years and one for ages 6 months through 5 years. The American Academy of Pediatrics (AAP) supports this recommendation and encourages pediatricians to promote vaccination and give COVID-19 vaccines. The AAP urges families to check with their pediatrician and community health care providers about how to get their children vaccinated, pending a final recommendation from the CDC.

Speaking at the ACIP meeting, pediatrician Yvonne “Bonnie” Maldonado, MD, FAAP chair of the AAP Committee on Infectious Diseases, emphasized the importance of these vaccines for the youngest members of our community, who have waited the longest for this protection.

“Pediatricians know the power of vaccines to protect infants, children, adolescents and entire communities against deadly and debilitating infectious diseases,” Dr. Maldonado said. “We’ve successfully immunized millions of children and adolescents to protect them from COVID-19. Families with infants and toddlers need and deserve the same chance to protect their children against this virus.”

Authorization of the Moderna and Pfizer-BioNTech vaccines for children ages 6 months and older will extend the protection of immunization to the last segment of our population awaiting protection. More work remains to vaccinate older children and adolescents, as well. As of June 8, more than 23 million children ages 5 to 17 have received two doses of COVID vaccine. Another 26 million in this age group have yet to receive any doses.

“We must not let up in our efforts to make sure all families can benefit from the protection of these vaccines,” said AAP President Moira Szilagyi, MD, PhD, FAAP. “Pediatricians are ready to have these conversations, and parents and caregivers should feel comfortable bringing their questions to their trusted pediatrician to have their questions addressed.”

Immediately after the ACIP vote to recommend the Moderna and Pfizer-BioNTech COVID-19 vaccines for children ages 6 months and older, the AAP published its updated recommendations for COVID-19 vaccine, including a strong recommendation for children in this age group to receive the vaccine pending the final decision by the CDC. The AAP recommends COVID-19 vaccination for all children and adolescents 6 months of age and older who do not have contraindications using a vaccine authorized for use for their age. The AAP encourages all states to work with pediatrician practices to make accessing COVID vaccine as simple as possible.

The updated AAP policy statement will be published online in [Pediatrics](#) and also can be found by visiting the AAPorg website.

More resources:

- [HealthyChildren.org](#): [What Should Parents Know About the COVID Vaccine for Kids Under 5?](#)
- AAPorg: [Critical updates on COVID-19](#)
- AAP News: [COVID-19 collection](#)

###



For Release:

6/18/2022

Media Contact:

Lisa Black
630-626-6084
lblack@aap.org



American Academy of Pediatrics

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THE CHALLENGES AHEAD



Access

Communication


Education

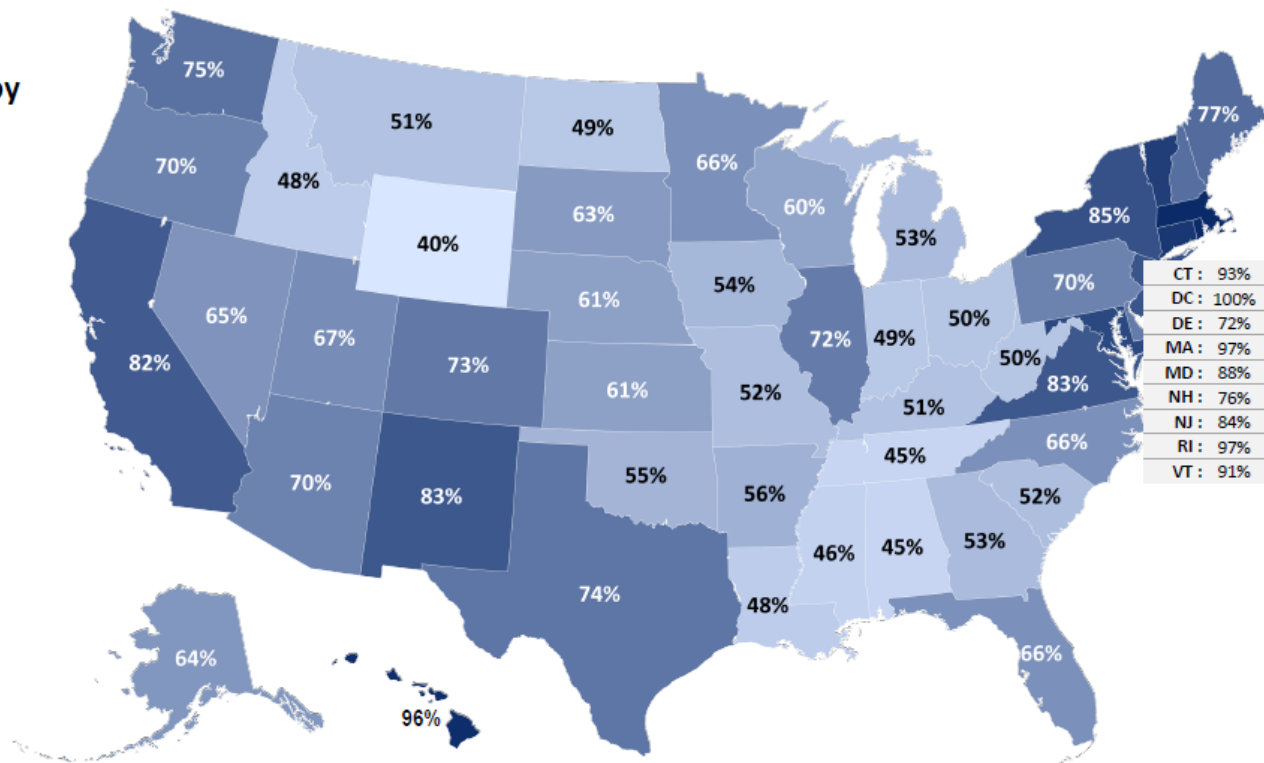
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Proportion of US Children Ages 12-17 Who Received the Initial Dose of the COVID-19 Vaccine, by State of Residence

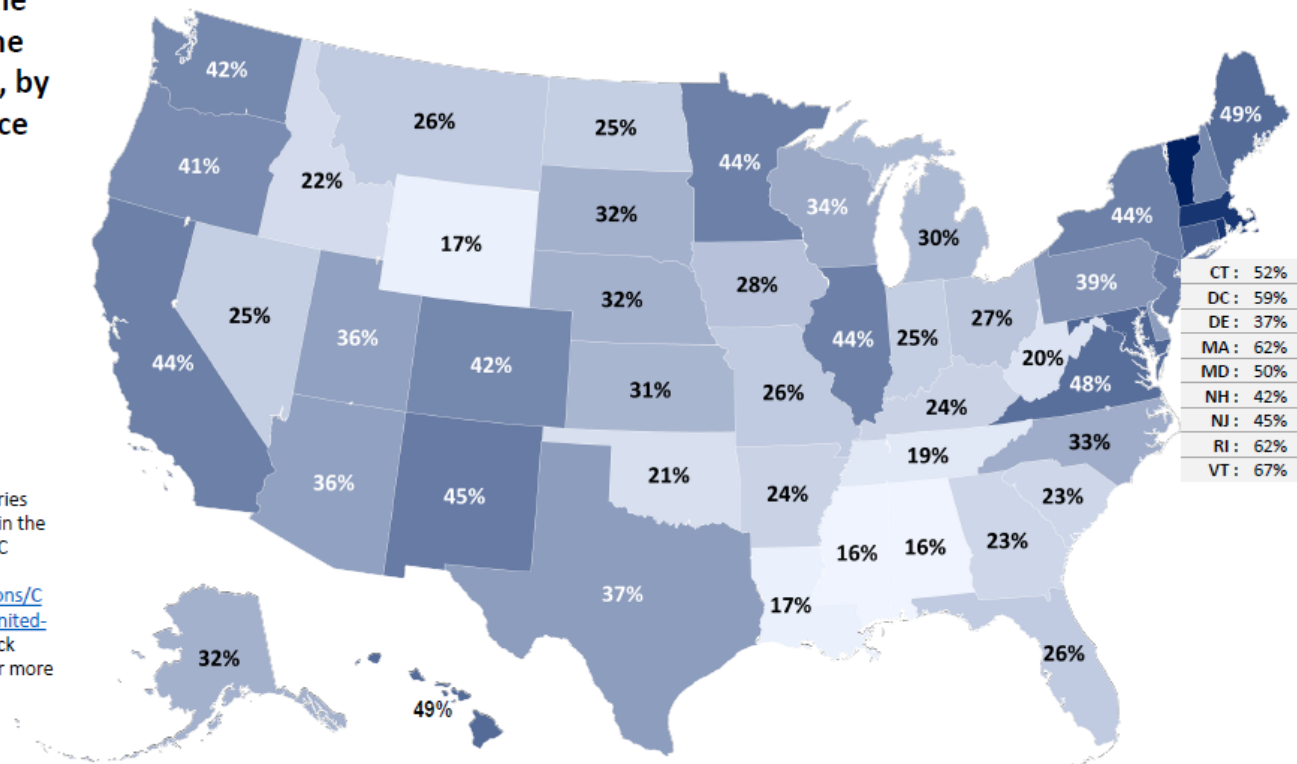
Received Initial Dose  as of 6.15.22
40% 100%



Source: AAP analysis of data series titled "COVID-19 Vaccinations in the United States, Jurisdiction". CDC COVID-19 Data Tracker (URL: <https://data.cdc.gov/Vaccinations/COVID-19-Vaccinations-in-the-United-States-Jurisdi/uns-k-b7fc>). Check state web sites for additional or more recent information.

Proportion of US Children Ages 5-11 Who Received the Initial Dose of the COVID-19 Vaccine, by State of Residence

Received Initial Dose  as of 6.15.22
16% 67%



Source: AAP analysis of data series titled "COVID -19 Vaccinations in the United States, Jurisdiction". CDC COVID -19 Data Tracker (URL: <https://data.cdc.gov/Vaccinations/C OVID-19-Vaccinations-in-the-United-States-Jurisdiction/uns-k-b7fc>). Check state web sites for additional or more recent information.

HELP PROMOTE A CULTURE OF VACCINATION

- Emphasize your state's track record of success in delivering immunizations to children
- Talk about childhood immunizations as the norm
- Emphasize safety—child safety, school safety, community safety
- Improve access and availability of vaccines
- Cost savings attributed to childhood immunizations are immense—remind the public of this fact
- Engage trusted voices—pediatricians are here to help
- Offer education and communication resources



COVID-19 Shots are the Best Way to Protect Against COVID-19



Children 6 months of age and older are now eligible to get vaccinated against COVID-19.



Learn more: vaccinate.wv.gov
WV COVID-19 Vaccine Info Line:
1-833-734-0965



American Academy of Pediatrics

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Joint Interagency Task Force on COVID-19

June 20, 2022

Training for COVID-19 Vaccines: Pfizer BioNTech ages 6 month through 4 years Moderna* ages 6 months through 5 years

Krista D. Capehart, PharmD, MS, BCACP, FAPhA
WV Board of Pharmacy
WVU School of Pharmacy

Lisa M. Costello, MD, MPH, FAAP
WV Chapter American Academy of Pediatrics
WVU School of Medicine

VACCINATE.WV.GOV
#CommunityImmunityWV

*Note: The ACIP will meet June 23, 2022 to discuss recommendations for Moderna COVID-19 vaccine for ages 6 through 17 years. Information forthcoming.



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West Virginia Chapter

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American Academy of Pediatrics

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Join Us for Our Upcoming Webinar:

COVID-19 Vaccination of Children 6 Months of Age and Up

June 29, 2022 • 12:00 PM - 1:00 PM



Speakers:

Krista D. Capehart, PharmD, MS, BCACP, FAPhA is a Clinical Professor in the Department of Clinical Pharmacy and Director of the Wigner Institute for Advanced Pharmacy Practice, Education and Research at West Virginia University School of Pharmacy. She is also the Director of Professional and Regulatory Affairs at the West Virginia Board of Pharmacy. *More details [here](#).*

Jacob T. Kilgore, MD, MPH, FAAP, is an Assistant Professor in the Department of Pediatrics, Division of Pediatric Infectious Diseases at the Marshall University Joan C. Edwards School of Medicine (MU-JCESOM). *More details [here](#).*

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AAP STATE CHAPTERS: PULLING IN THE SAME DIRECTION



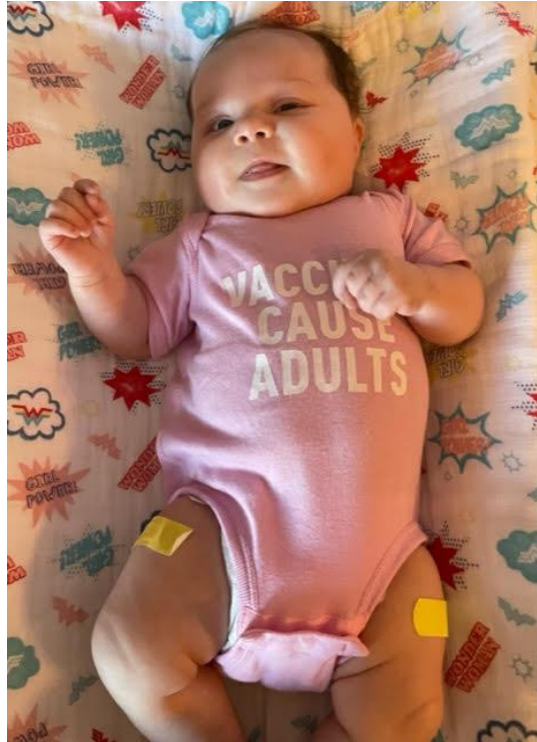
<https://www.aap.org/en/community/chapter-websites/>

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MORE FROM THE AAP



<https://www.healthychildren.org/>

<https://www.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/>

Contact stgov@aap.org for more information on connecting with the AAP chapter in your state. Reach me at costello.lisa@gmail.com.



Q&A/Discussion

Selected Resources

Dr. Jackson

- Slide 7 - <https://covid19.who.int/>
- Slide 8 - <https://covid.cdc.gov/covid-data-tracker/#county-view>
- Slide 12 - <https://covid.cdc.gov/covid-data-tracker/#wastewater-surveillance>
- Slide 13 - <https://covid.cdc.gov/covid-data-tracker/#variant-proportions>
- Slide 14 - https://covid.cdc.gov/covid-data-tracker/#vaccinations_vacc-total-admin-rate-total
- Slide 15 - <https://covid.cdc.gov/covid-data-tracker/#vaccination-demographics-trends>
- Slide 18 - <https://www.cdc.gov/coronavirus/2019-ncov/vaccines/booster-shot.html>
- Slide 22 - <https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/interactive-ventilation-tool.html>

Dr. Oliver

- Slide 69 - <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html#appendix-c>
- Slide 69 - <https://www.cdc.gov/vaccines/hcp/admin/downloads/vaccine-administration-preventing-errors.pdf>
- Slide 70 - <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us.html>
- Slide 70 - <https://www.cdc.gov/vaccines/covid-19/clinical-considerations/faq.html>
- Slide 70 - <https://www.cdc.gov/vaccines/covid-19/downloads/COVID-19-vacc-schedule-at-a-glance-508.pdf>
- Slide 71 - <https://www.cdc.gov/vaccines/covid-19/info-by-product/index.html>
- Slide 71 - <https://www.cdc.gov/vaccines/covid-19/downloads/Moderna-Child-Age-Transition-508.pdf>
- Slide 71 - <https://www.cdc.gov/vaccines/covid-19/downloads/Pfizer-Child-Age-Transition-508.pdf>
- Slide 72 - <https://www.cdc.gov/vaccines/covid-19/hcp/index.html>
- Slide 72 - <https://www.cdc.gov/vaccines/covid-19/planning/children.html>

Selected Resources

Dr. Costello

- Slide 84 - <https://www.aap.org/en/community/chapter-websites/>
- Slide 85 - <https://www.healthychildren.org/English/Pages/default.aspx>
- Slide 85 - <https://www.aap.org/en/pages/2019-novel-coronavirus-covid-19-infections/>

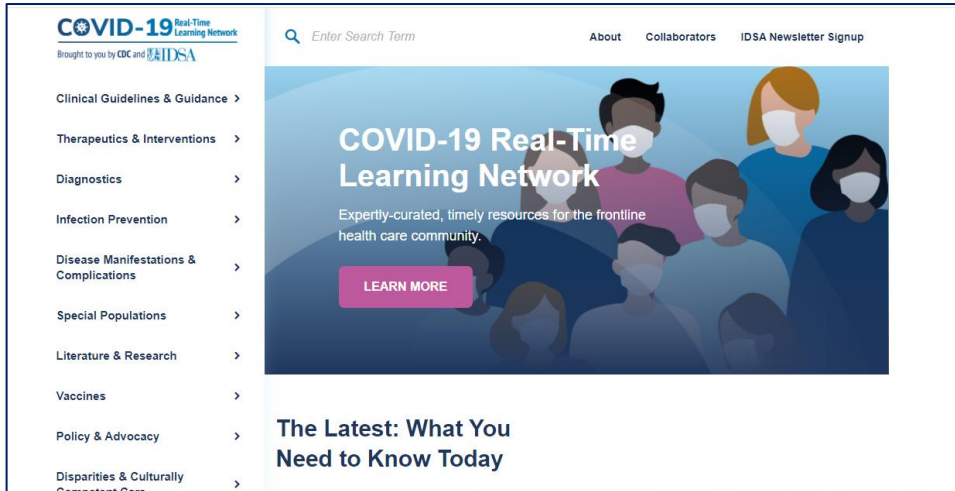
Program Links:

- This webinar is being recorded and can be found with the slides online at <https://www.idsociety.org/cliniciancalls>
- COVID-19 Real-Time Learning Network: <https://www.idsociety.org/covid-19-real-time-learning-network/>
- Vaccine FAQ: <https://www.idsociety.org/covid-19-real-time-learning-network/vaccines/vaccines-information--faq/>

COVID-19 Real-Time Learning Network

Brought to you by CDC and IDSA

An online community bringing together information and opportunities for discussion on latest research, guidelines, tools and resources from a variety of medical subspecialties around the world.



Specialty Society Collaborators

American Academy of Family Physicians
American Academy of Pediatrics
American College of Emergency Physicians
American College of Obstetricians and Gynecologists
American College of Physicians
American Geriatrics Society
American Thoracic Society
Pediatric Infectious Diseases Society
Society for Critical Care Medicine
Society for Healthcare Epidemiology of America
Society of Hospital Medicine
Society of Infectious Diseases Pharmacists

www.COVID19LearningNetwork.org

@RealTimeCOVID19

#RealTimeCOVID19

CDC-IDSA Partnership: Clinical Management Call Support

FOR WHOM?

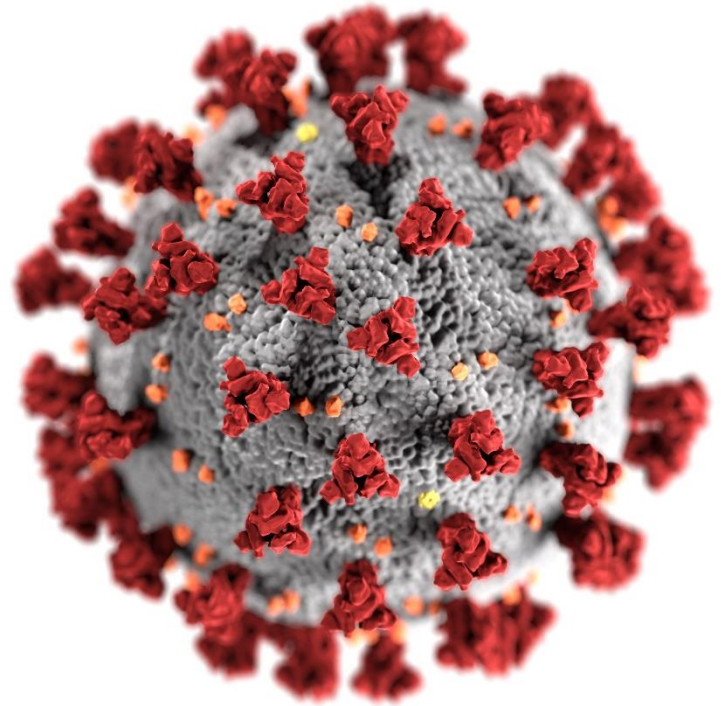
- Clinicians who have questions about the clinical management of COVID-19

WHAT?

- Calls from clinicians will be triaged by CDC to a group of IDSA volunteer clinicians for peer-to-peer support

HOW?

- Clinicians may call the main CDC information line at 800-CDC-INFO (800-232-4636)
- To submit your question in writing, go to www.cdc.gov/cdc-info and click on Contact Form



IDSA
Infectious Diseases Society of America

cdc.gov/coronavirus

Continue the
conversation on
Twitter

@RealTimeCOVID19
#RealTimeCOVID19



We want to hear from you!
Please complete the post-call survey.

A recording of this call, slides and the answered Q&A
will be posted at www.idsociety.org/cliniciancalls

-- library of all past calls available --

Contact Us:

Dana Wollins (dwillins@idsociety.org)

Deirdre Lewis (dlewis@idsociety.org)