

COVID-19: Vaccines, Masking, and its Impact on Children

NHSA Rising Summer Series

American Academy of Pediatrics
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WELCOME!



Danette Glassy, MD MPH, FAAP



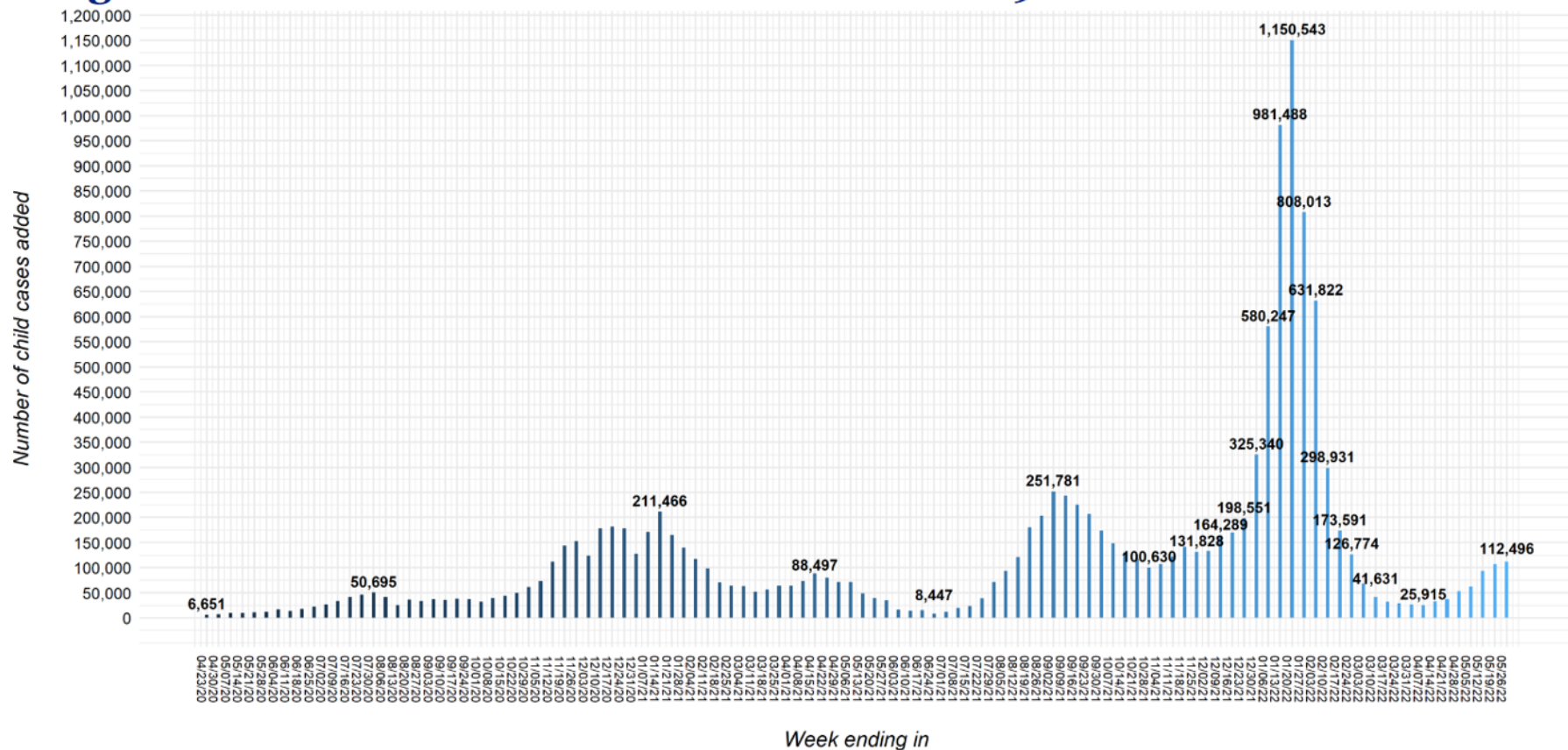
Hilda Loria MD, FAAP

SHARE WITH US!

Share 1-2 words that come to mind about vaccines, masking, and its impact on children.

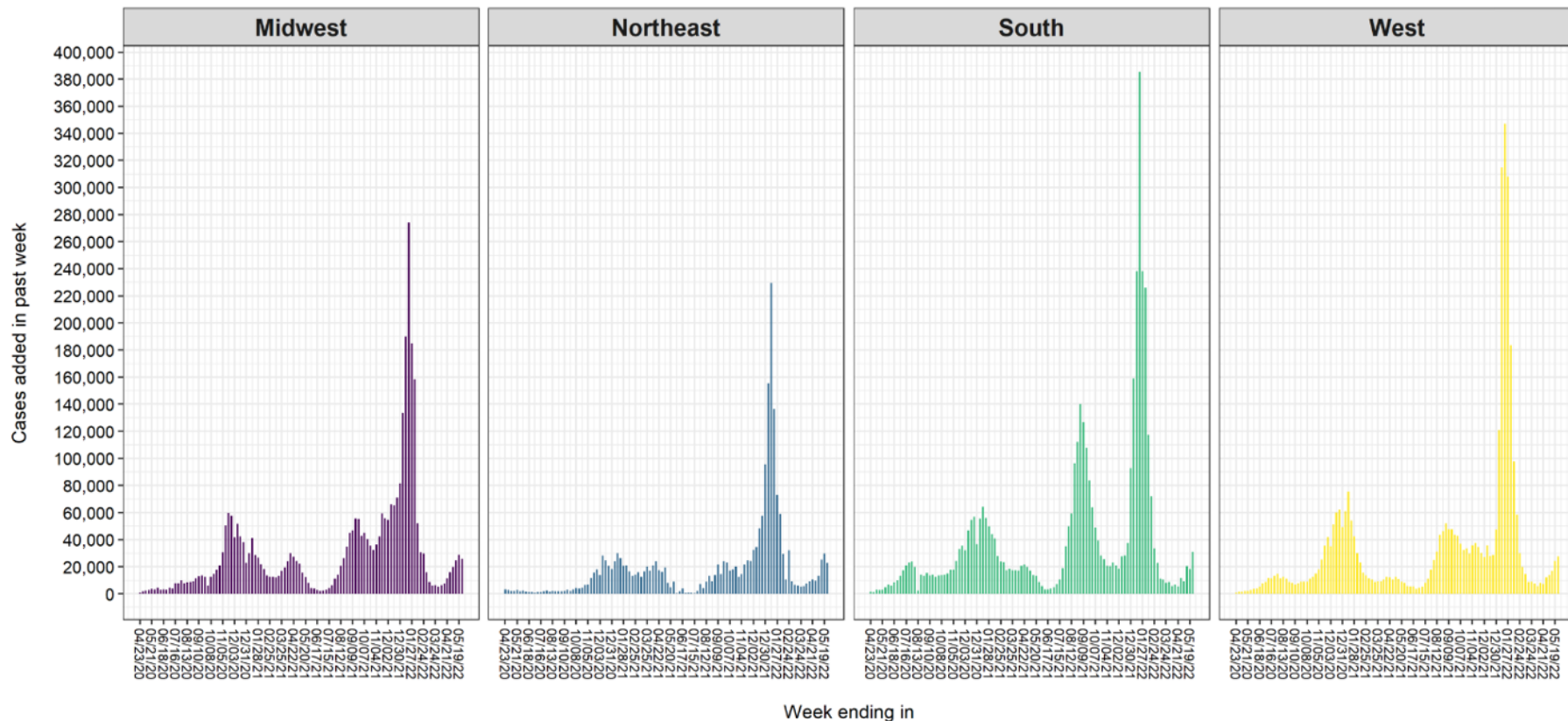


Fig 6. United States: Number of Child COVID-19 Cases Added in Past Week*



* Note: 6 states changed their definition of child cases: AL as of 8/13/20, HI as of 8/27/20, RI as of 9/10/20, MO as of 10/1/20, WV as of 8/12/21, WA as of 3/10/22. On 5/19/22, TX released new data that is NOT included in cumulative case counts or figures but located [here](#) and in Appendix 3B of this report (1,184,990 cumulative child cases as of 5/19/22); TX previously reported age for only a small proportion of total cases each week (eg, 2-20%); these cumulative cases through 8/26/21 are included (7,754)

Fig 7. United States: Child COVID-19 Cases Added in Past Week, by Region*



* Note: Regions are the US Census Regions

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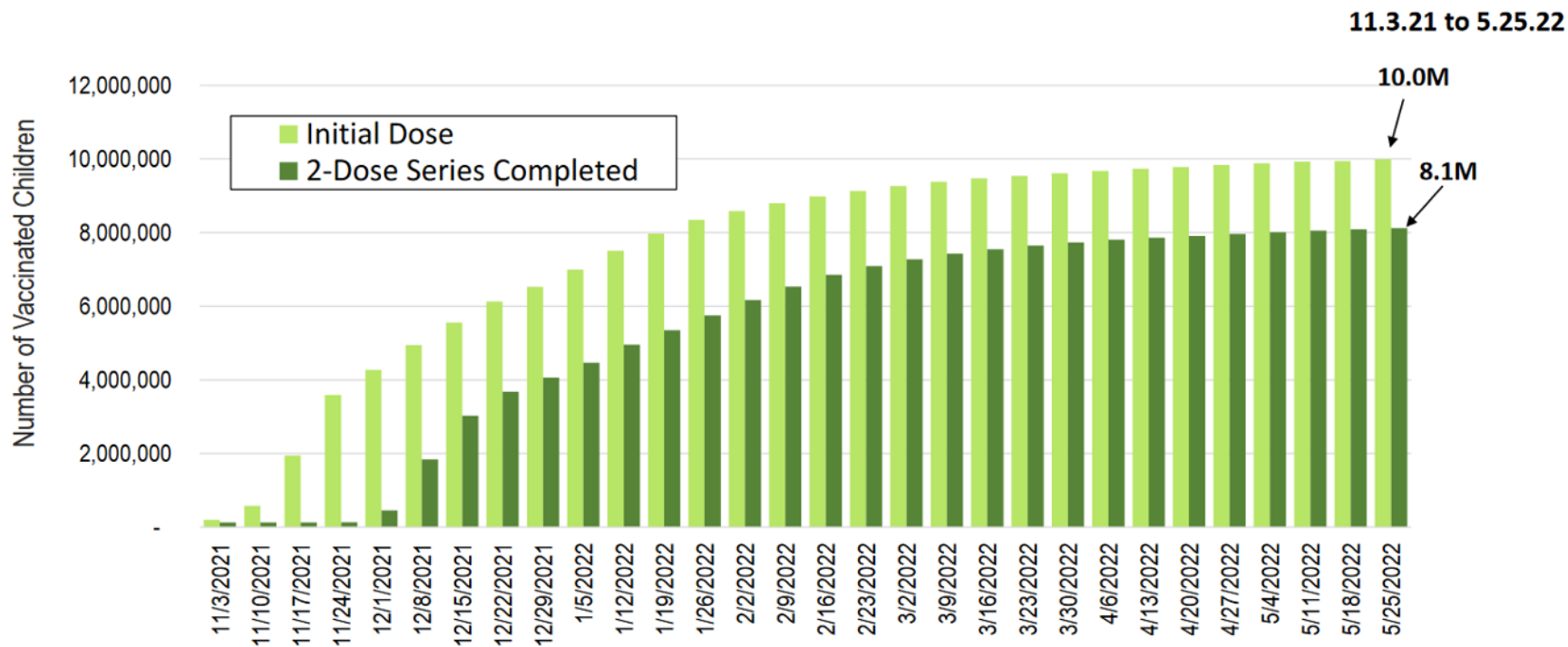
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Due to available data and calculations required to obtain MA child cases, weekly estimates fluctuate

For 6 states, due to available data and changes made to dashboards, cumulative child cases and total cases for all ages are not current: AL through 7/29/21, HI through 1/13/22, DC through 3/3/22, MS through 3/10/22, SC through 4/28/22, and NE through 5/12/22

Cumulative Number of US COVID-19 Vaccine Recipients Ages 5-11



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-Jurisdiction/uns-k-b7fc>). Check state web sites for additional or more recent information. **Notes:** (i) Age information was provided with Idaho data since 1.25.2022. Inclusion of this information added 31K initial-dose recipients to the 5-11 age group nationally as of 2.2.2022. (ii) California revised their report of cumulative initial dose recipients down by 17K on 5.12.2022. Check state web sites for additional or more recent information.

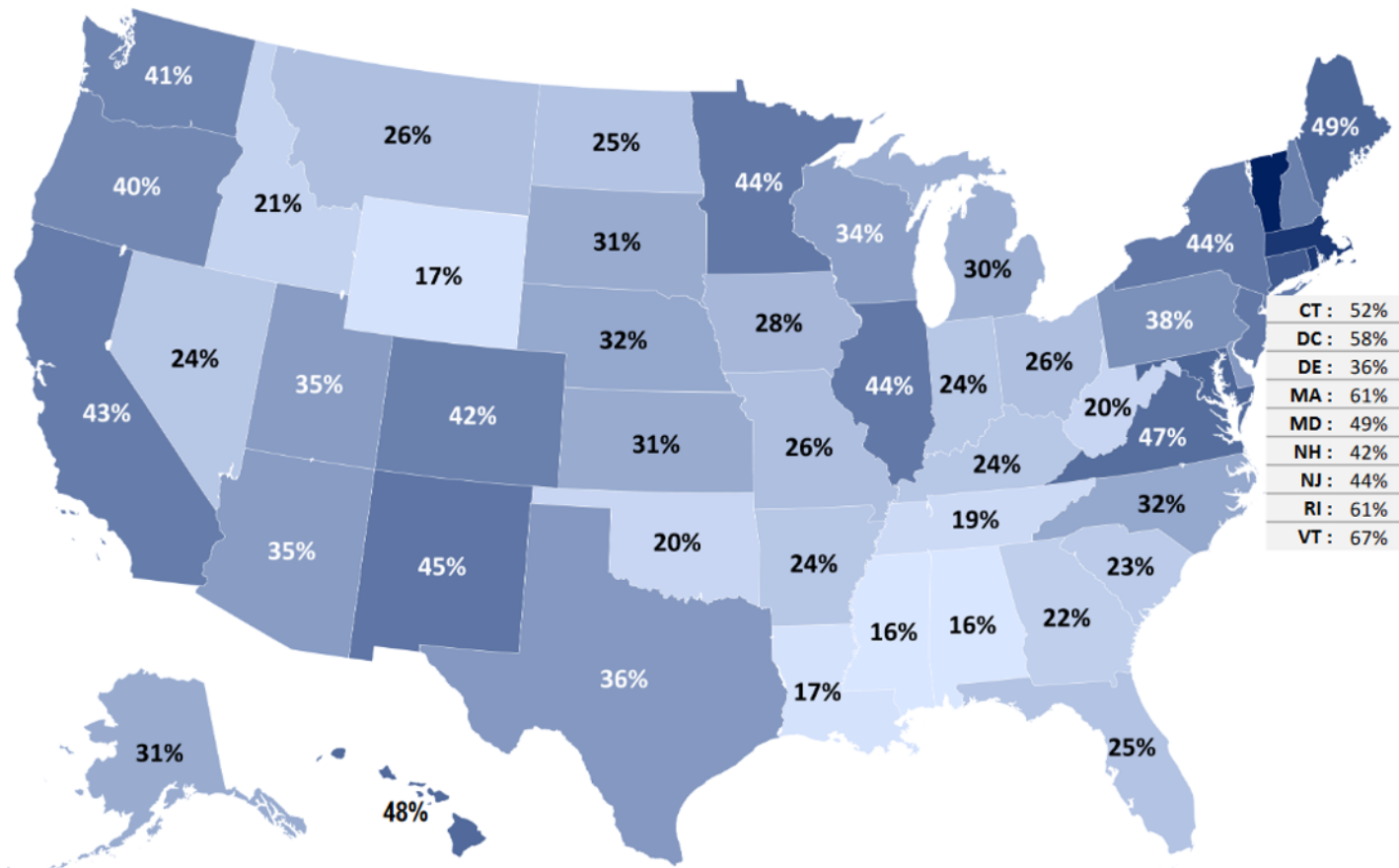
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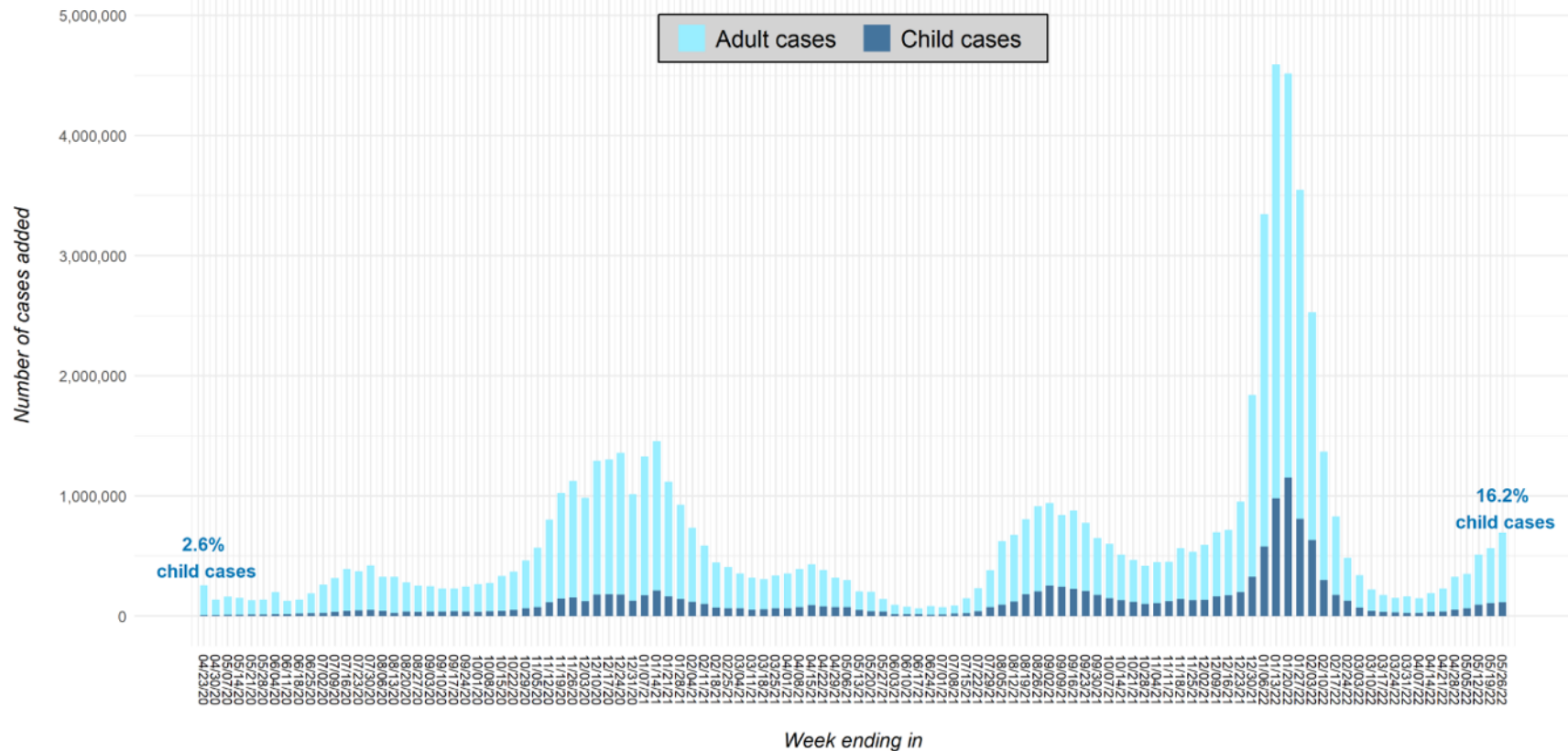
Proportion of US Children Ages 5-11 Who Received the Initial Dose of the COVID-19 Vaccine, by State of Residence

as of 5.25.22
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-Jurisdj/uns-k-b7fc>). Check state web sites for additional or more recent information.

Fig 8. United States: Number of COVID-19 Cases Added in Past Week for Children and Adults*



* Note: 6 states changed their definition of child cases: AL as of 8/13/20, HI as of 8/27/20, RI as of 9/10/20, MO as of 10/1/20, WV as of 8/12/21, WA as of 3/10/22
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 See detail in Appendix: Data from 49 states, NYC, DC, PR and GU
 All data reported by state/local health departments are preliminary and subject to change; Analysis by American Academy of Pediatrics and Children's Hospital Association



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VACCINES & BOOSTERS



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HOW THE COVID-19 VACCINE WORKS



Where to Find Reliable Information

- CDC: www.cdc.gov/coronavirus/2019-nCoV/
- Office of Head Start
- [AAP Guidance Related to Child Care During COVID-19](#)
- AAP COVID Information for Families -
<https://www.healthychildren.org/English/health-issues/conditions/COVID-19/Pages/default.aspx>
- Your local health department
 - Has authority for local public health measures and tracking/monitoring of cases/contacts



AAP TOOLKIT

Find and share:

- Prepared media posts
- Videos from pediatrician experts
- Graphics explaining COVID-19 vaccines, masks, and social distancing
- Animated GIFs
- And much more!



Caring for Our Children



Caring for Our Children

National Health and Safety Performance Standards
Guidelines for Early Care and Education Programs

Caring for Our Children national standards: <https://nrckids.org/CFOC>

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CFOC Standards Updated to Reflect COVID-19

1.1.1.1 Rations for Small Family Child Care Homes

3.6.1.1 Inclusion/Exclusion/Dismissal of Children

1.1.1.2 Ration for Large Family Child Care Homes

3.6.1.2 Staff Exclusion for Illnesses

1.1.1.3 Ratios for Facilities Serving Children with Special Health Care Needs and Disabilities

3.6.1.3 Thermometers for Taking Human Temperatures

1.7.0.2 Daily Staff Health Check

4.3.1.8 Techniques for Bottle Feedings

2.3.1.2 Parent/Guardian Visits

4.5.0.4 Socialization During Meals

3.1.1.1 Conduct of Daily Health Check

5.2.1.1 Ensuring Access to Fresh Air Indoors

3.1.5.1 Routine Oral Hygiene Activities

5.2.1.3 Heating and Ventilation Equipment Inspection and Maintenance

3.1.5.2 Toothbrushes and Toothpaste

5.4.5.1 Sleeping Equipment and Supplies

3.2.2.1 Situations that Require Hand Hygiene

6.5.2.3 Child Behavior During Transportation

6.5.2.1 Drop-Off and Pick Up

7.1. How Infections Spread



Head Start Program Performance Standards

1302.93 Staff Health and Wellness

1302.2 Training and professional development

1303.74 Transportation safety procedures

1302.41 Collaboration and communication with parents

1302.47 Safety practices

1302.43 Oral health practices

1302.45 Child mental health and social and emotional well-being

1302.42 Child health status and care

1302.44 Child nutrition



WHAT MASK SHOULD I WEAR?



HOW DO I HELP CHILDREN WEAR A MASK?

- Look in the mirror with the face mask on and talk about it.
- Put a mask on a favorite stuffed animal.
- Decorate them so they're more personalized and fun.
- Show your child pictures of other children wearing them.
- Draw one on their favorite book character.
- Practice wearing the face mask at home to help your child get used to it.



UPDATED ISOLATION GUIDANCE

If you tested positive for COVID-19 or have symptoms
(regardless of vaccination status)

Stay home for at least 5 days

Stay home for 5 days and [isolate](#) from others in your home.

- Wear a well-fitted mask if you must be around others in your home.
- **If you were severely ill with COVID-19**
You should isolate for at least 10 days. [Consult your doctor before ending isolation.](#)

Take precautions until day 10

- **Wear a mask**
Wear a well-fitted mask for 10 full days any time you are around others inside your home or in public. Do not go to places where you are unable to wear a mask.
- **Avoid travel**
- **Avoid being around people who are at high risk**

Day 1 is the first full day after your last contact with a person who has had COVID-19. Stay home and away from other people for at least 5 days



COVID-19 IMPACT ON CHILD HEALTH



GRIEF & LOSS

**More than 201,000 U.S.
children lost a primary or
secondary caregiver due
to the COVID-19
pandemic**

- Imperial College London



National Emergency in Child and Adolescent Mental Health



We have witnessed soaring rates of mental health challenges among children, adolescents, and their families over the course of the COVID-19 pandemic, exacerbating the situation that existed prior to the pandemic.

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SIGNS OF STRESS IN YOUNG CHILDREN

- Change in behavior/abilities
- Fearfulness/clinging
- Changes in sleep
- Tantrums/melt-downs
- Withdrawal
- New wetting/soiling
- Tummy aches/body complaints



STRATEGIES FOR EARLY INTERVENTION

- **Early intervention services** (e.g. local/regional/federal programs such as Head Start/Early Head Start, Early Childhood Intervention)
- **Early care and education special education developmental therapies** (e.g. physical therapy, occupational therapy, speech therapy)
- **Early Childhood Mental Health Consultants**
- **Evidence-based behavioral therapies** (e.g. play therapy, parent-child interaction therapy)
- **Pediatric Specialists** (e.g. Developmental-Behavioral Pediatrics, Psychiatry, Neurology)
- **Community supports** (e.g. parenting support, cultural groups, school system, etc.)



MENTAL HEALTH RESOURCES

- **AAP Mental Health Resources for Families-**
<https://www.aap.org/en/patient-care/mental-health-initiatives/mental-health-resources-for-families/>
- **ECLKC Mental Health resources:** <https://eclkc.ohs.acf.hhs.gov/mental-health>
- **Center of Excellence for Infant & Early Childhood Mental Health Consultation** <https://www.iecmhc.org/>
- **CDC Emotional Wellbeing -** <https://www.cdc.gov/populationhealth/well-being/index.htm>



TAKE CARE OF YOURSELF TOO!



ECLKC Staff Wellness - <https://eclkc.ohs.acf.hhs.gov/mental-health/article/promoting-staff-well-being>