



Reflecting Back and Projecting Forward:

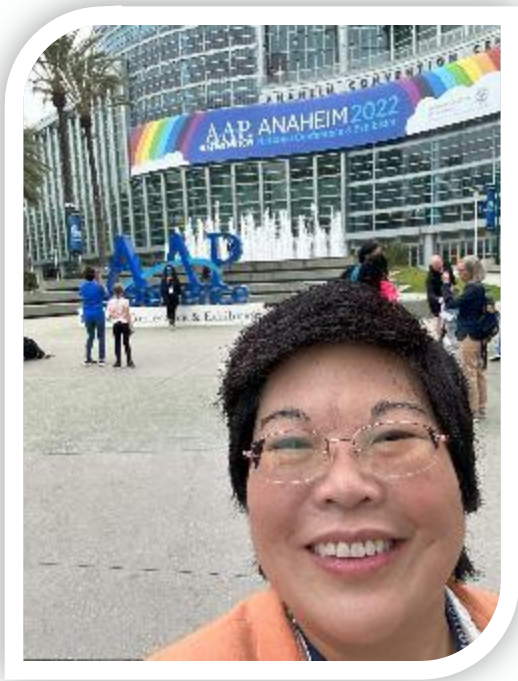
AAP President's Year in Review & The Future of AI in Pediatrics

Sandy Chung, MD, FAAP, FACHE
AAP President



Disclosure Statement

I have no relevant financial relationships with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial services discussed in this CME activity. I do not intend to discuss an unapproved/investigative use of a commercial product/device in our presentation.



**Where in
the world is
your AAP
President?**



Children in Conflict: Healing the Unseen Trauma of War

Sandy Chung, MD, FAAP, FACHE
AAP President

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



Ukraine (this one was virtual)





**Travel
around
the U.S.**





India

For the
International
Pediatric
Association





**More
Travel
Around
The U.S.**





Japan For the Japanese Pediatric Society





Argentina For the Argentine Society of Pediatrics



More Travel Around the U.S., Mexico, and Canada!







Reframe
Reimagine
Rejuvenate





2023 AAP Child Health and Pediatric Priorities

- COVID Recovery and Disaster Readiness
- Equity, Diversity and Inclusion
– Equity Workplan 2.0
- Healthy Mental and Emotional Development
- Safety and Wellbeing within the Pediatric Profession



2024 AAP Strategic Initiatives

- Healthy Mental and Emotional Development
- Environmental Health and Disaster Readiness
- Equity, Diversity and Inclusion
- Safety and Wellbeing within the Pediatric Profession

Medicaid Unwinding's 6-Month Check Up

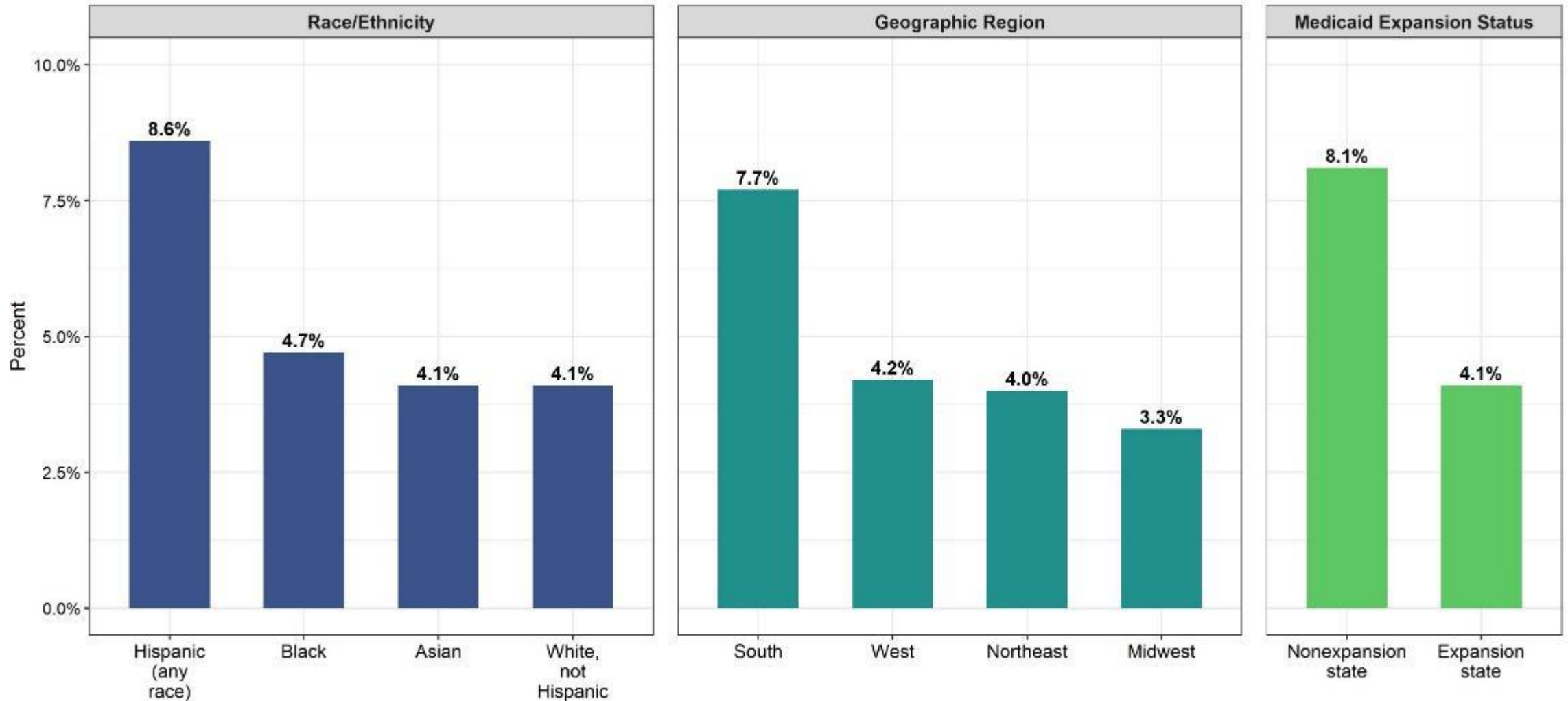
How it Started...



How it's Going.....



Percent Uninsured US Children by Characteristics: 2022

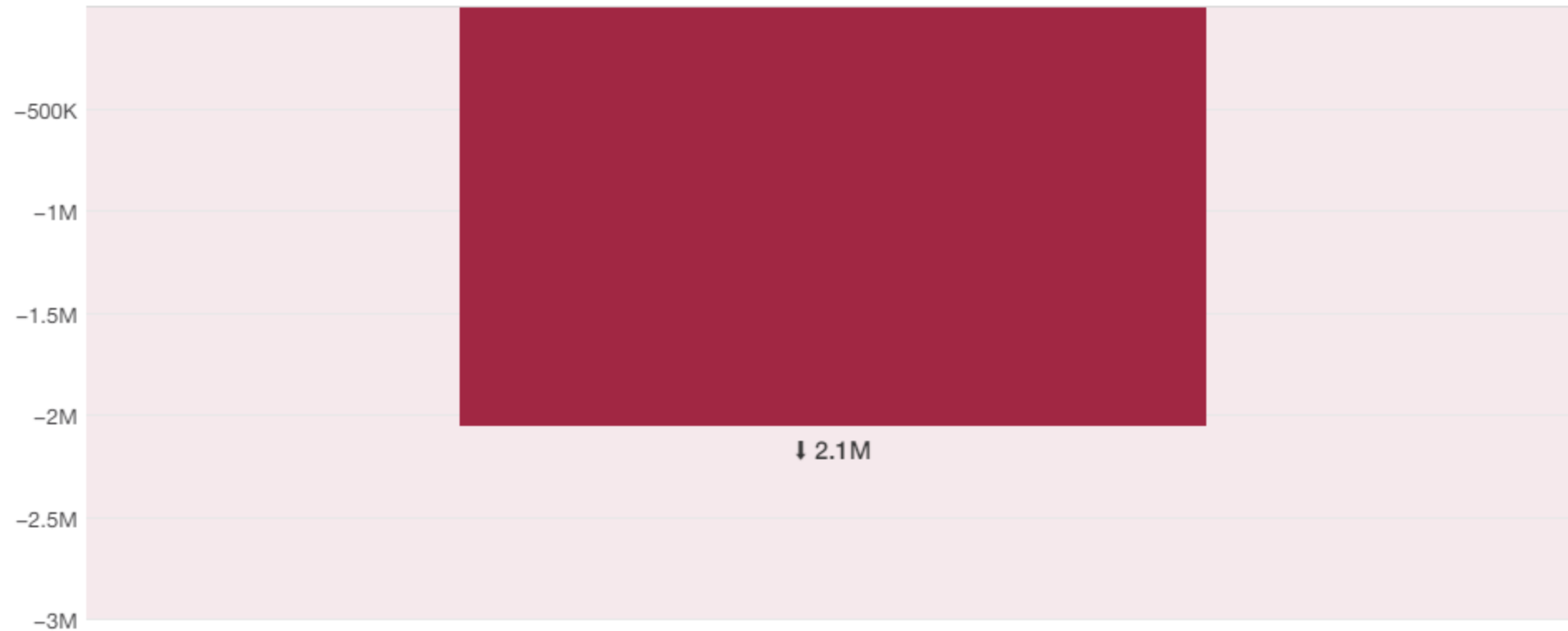


Source: US Census Bureau Current Population Survey, 2022 and 2023 Annual Social and Economic Supplements (CPS ASEC)

Changes in Medicaid Coverage for Children

Net Decline in United States Child Medicaid Enrollment

Data represent declines in 49 states + the District of Columbia up to October 2023, but not all states have data through October.



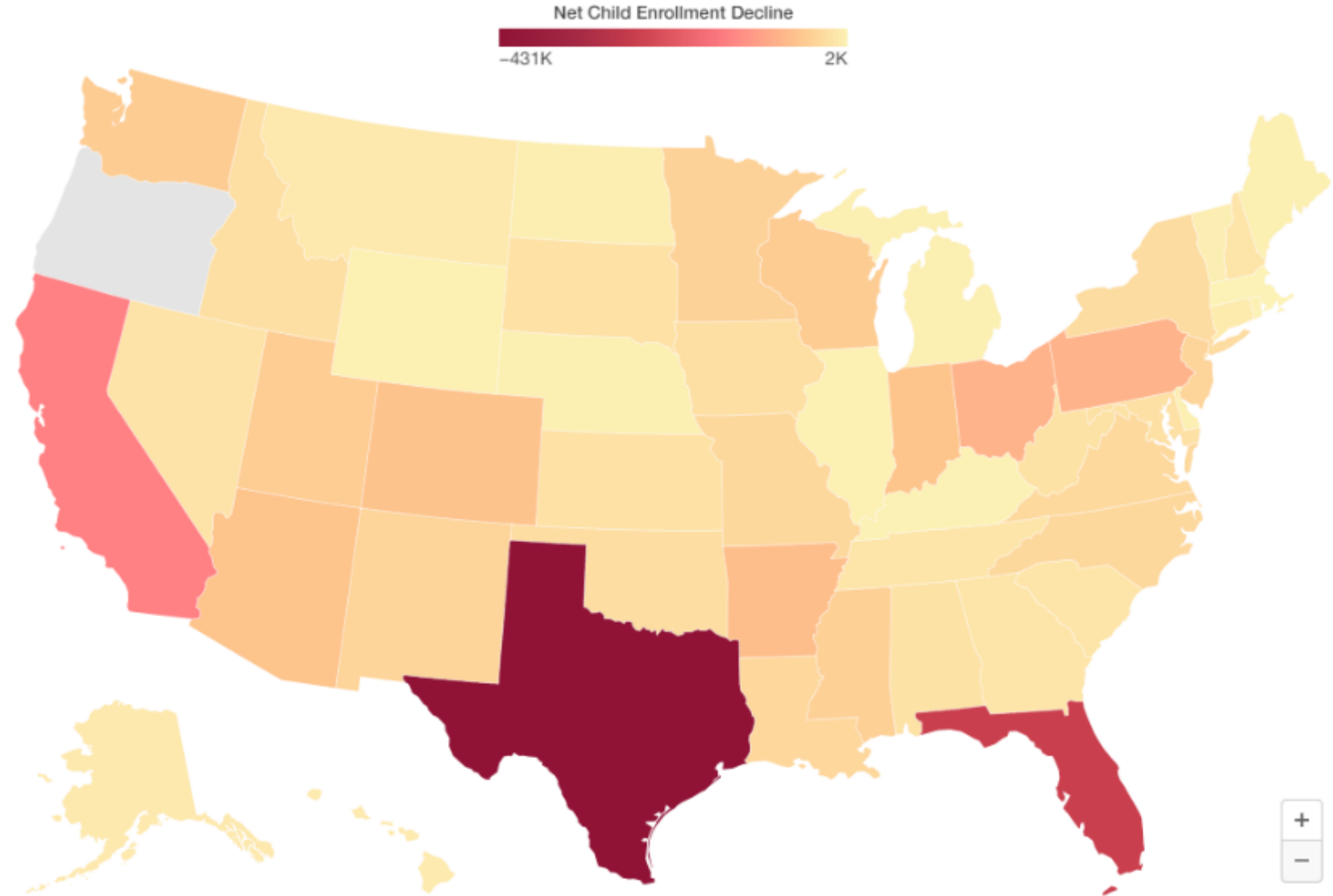
Oregon has not yet posted enrollment data since beginning terminations and is excluded from the total shown. Five states have posted data through October 2023; 20 states have posted data through September 2023; 3 states have posted data through August 2023; 22 states have posted data through July 2023; 1 state has posted data through June 2023.

Source: Georgetown University Center for Children and Families analysis of state enrollment data. Thirty-one states use state administrative data and 20 states use CMS preliminary enrollment data. See the [sources list](#) for more information. • [Embed](#) • [Download image](#)

Child Medicaid Enrollment Declines by State

Child Medicaid Enrollment Declines During Unwinding

Data represent declines up to October 2023, but not all states have data through October. **Net enrollment has declined by about 2.1 million children.**



Oregon has not yet posted enrollment data since beginning terminations and is excluded from the total shown. Five states have posted data through October 2023; 20 states have posted data through September 2023; 3 states have posted data through August 2023; 22 states have posted data through July 2023; 1 state has posted data through June 2023.

Source: Georgetown University Center for Children and Families analysis of state enrollment data. Thirty-one states use state administrative data and 20 states use CMS preliminary enrollment data. See the [sources list](#) for more information. • [Embed](#) • [Download image](#)

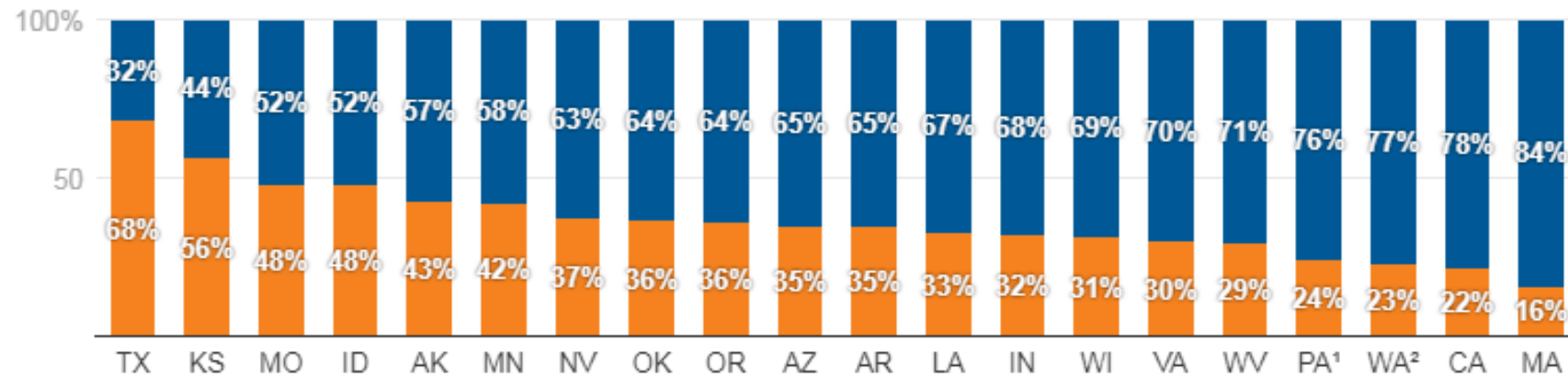
Children Disproportionately Impacted by Bureaucratic Errors

Figure 3

Children account for roughly four in ten (39%) of Medicaid disenrollments in the 20 states reporting age breakouts, as of November 1, 2023

Share of Medicaid Disenrollments by Age:

Children Adults

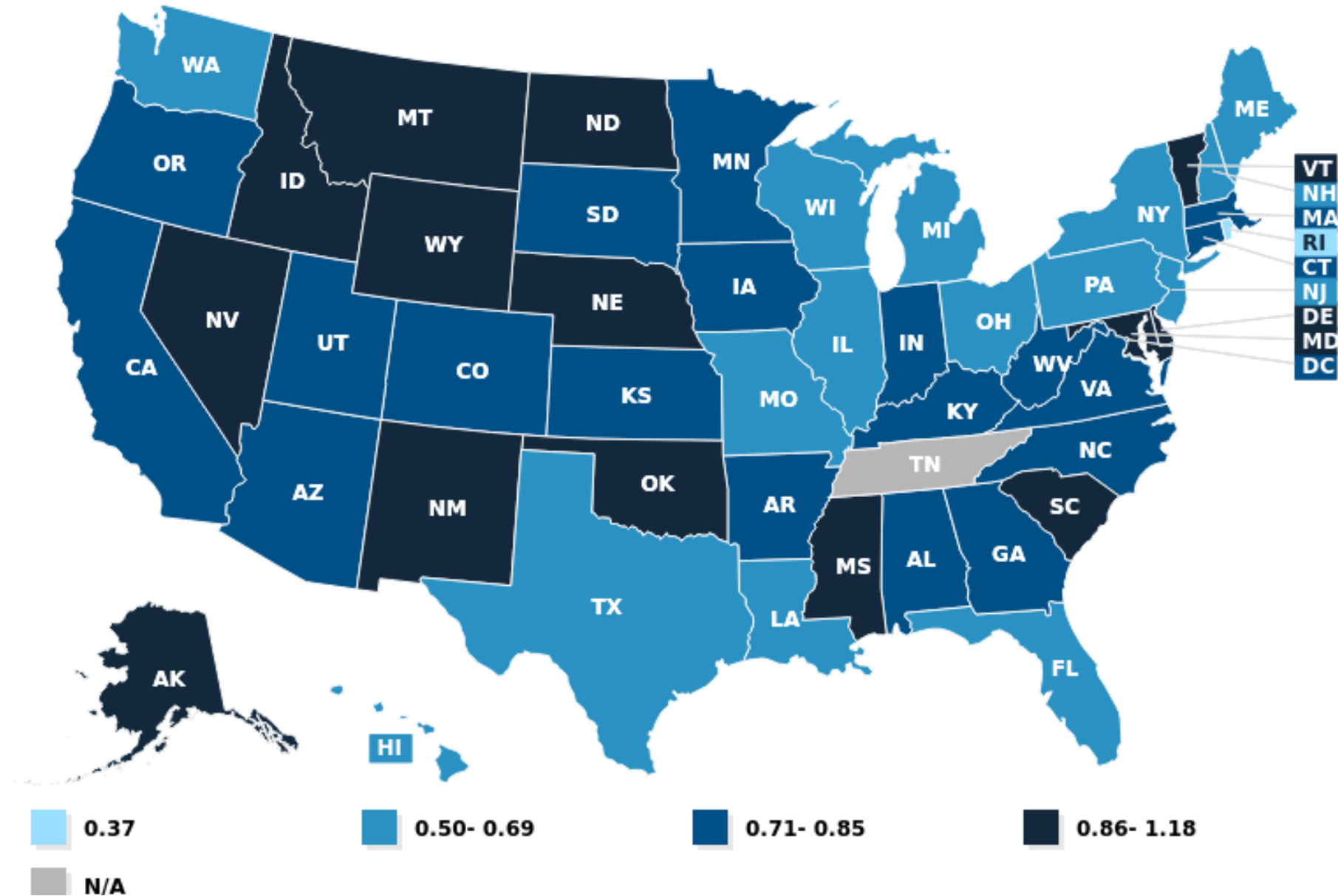


NOTE: Based on the most recent state-reported unwinding data available. Time periods may differ by state. States may identify children based on age or eligibility group. 1. Pennsylvania only reports disenrollments by age among the Medicaid Maintained Population, which is composed of enrollees the state has flagged as "likely ineligible or unresponsive." 2. In Washington, children up to age six will be manually reinstated as the state awaits system changes to align with new continuous eligibility for that group. To date, roughly 6% of all reported disenrollments in WA were among children ages 0-5.

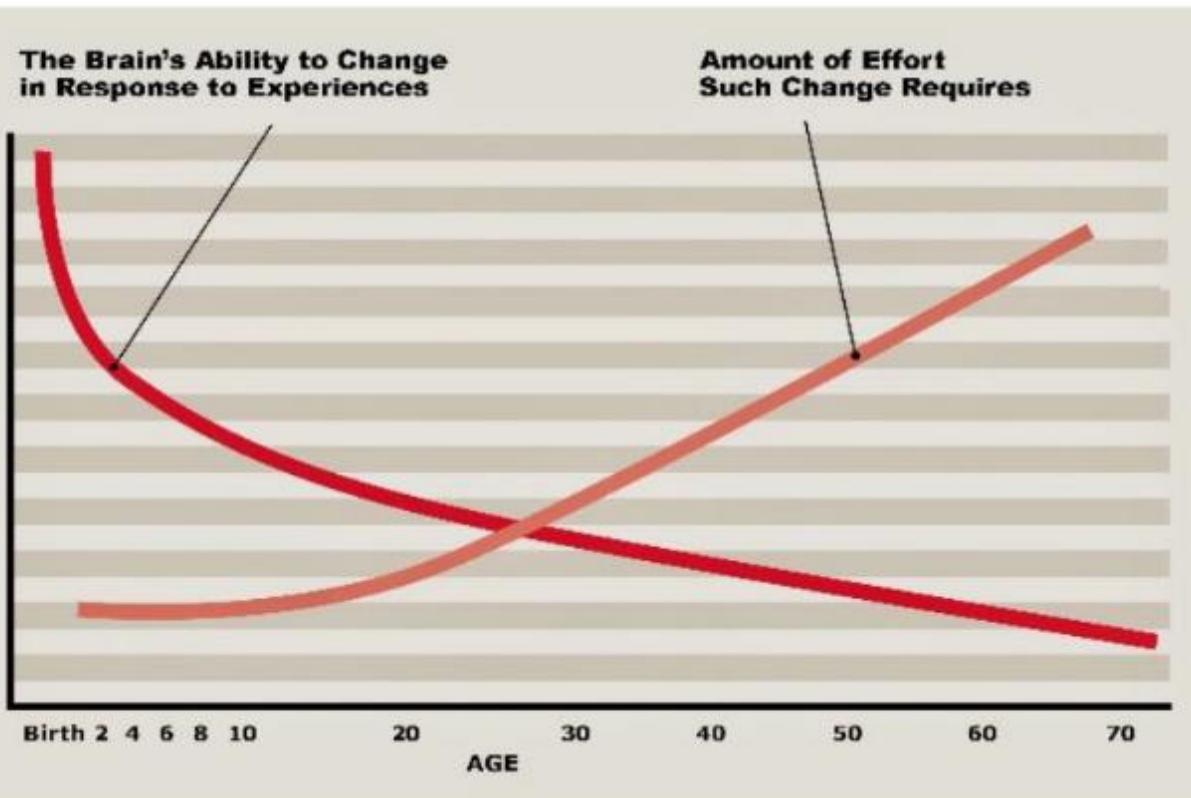
KFF



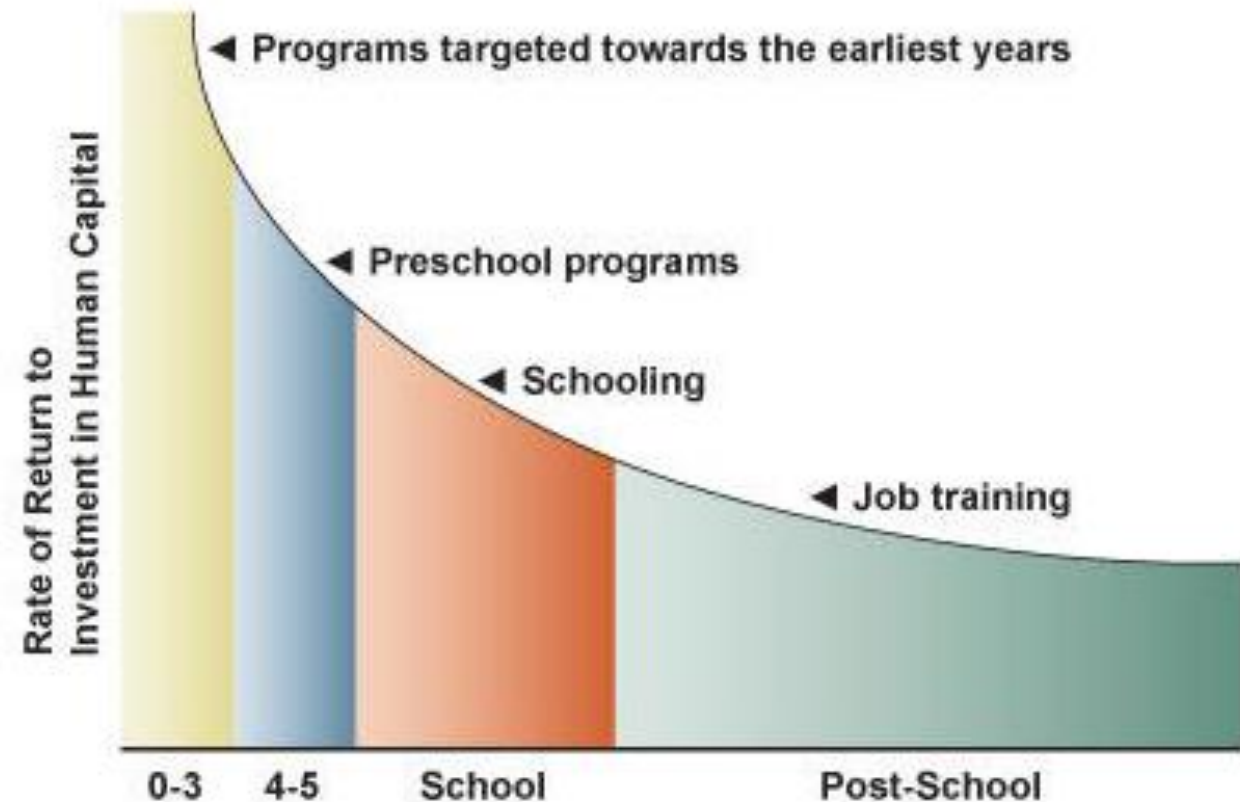
Medicaid-to-Medicare Fee Index: All Services, 2019



Paying for Pediatrics is an INVESTMENT in our Nation's Future

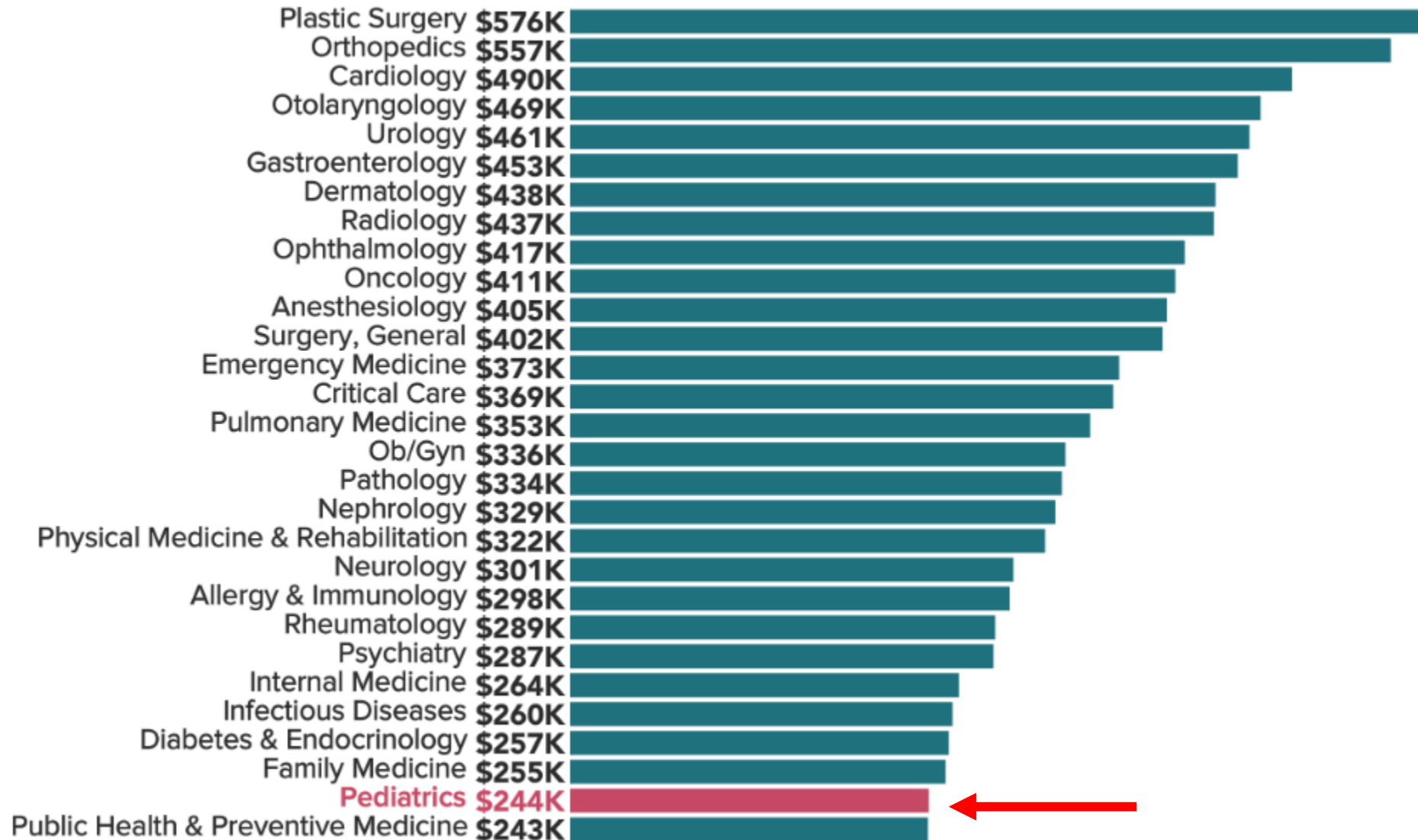


Center on the Developing Child at Harvard University



Rate of return on investment (Heckman(2008))

How Much Did Pediatricians Earn?



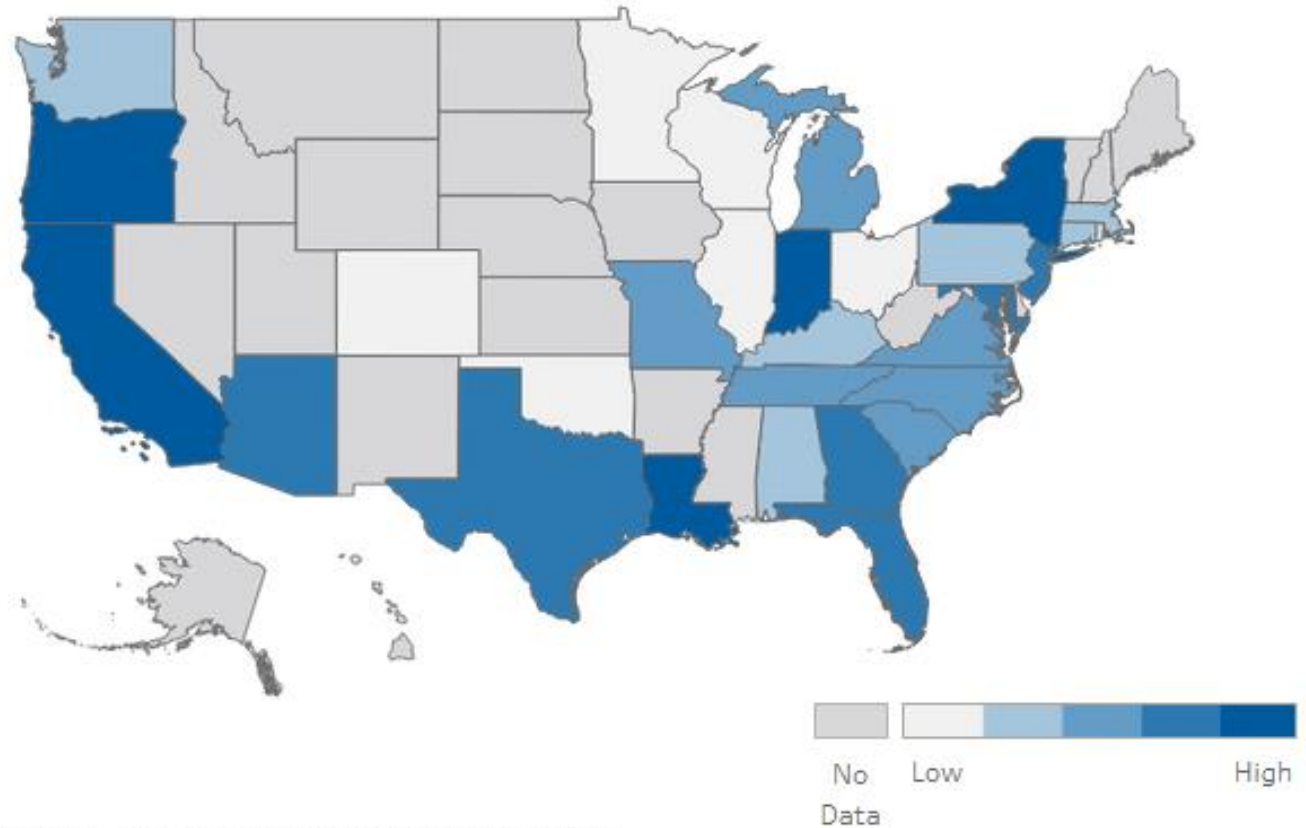
Percentage of children without a usual source of health care, 2020

10.3 %



US Value

Studies show that having a usual source of health care improves patient outcomes and reduces unnecessary utilization of emergency rooms and hospitals. This measure captures the percentage of adults who reported that their children did not have a usual source of care or that they used the emergency room as their usual source of care.



Data Source(s): Agency for Healthcare Research and Quality Medical Expenditure Panel Survey (2015-2020)





PLEASE BE SAFE.

**Do not stand, sit, climb or
lean on fences.**

**If you fall, animals could eat you
and that might make them sick.**

Thank you.



AAP Agenda for Payment Transformation

Our Strategic Approach to
Improving Payment for Pediatric
Healthcare

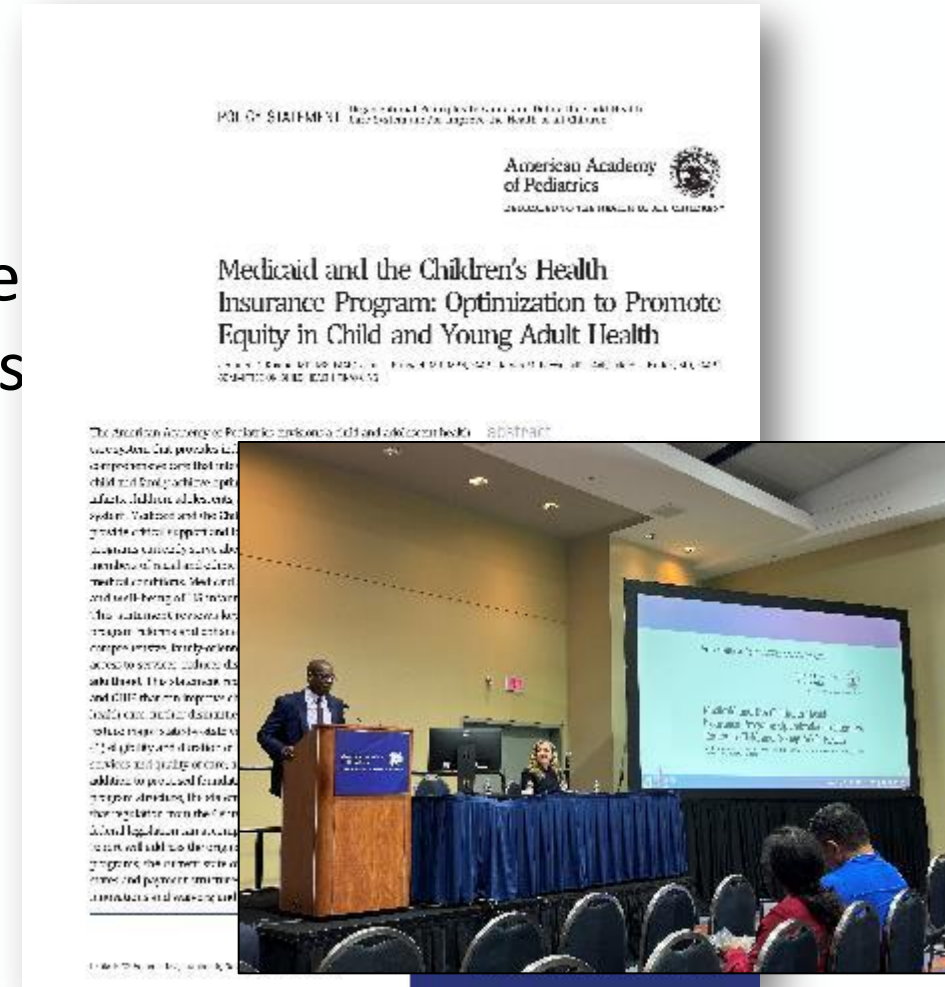
Medicaid/CHIP Policy Statement

Recommends **foundational changes** to

- Improve child health
- Achieve greater equity in health and health care
- Dismantle structural racism within the programs
- Reduce major state-by-state variations

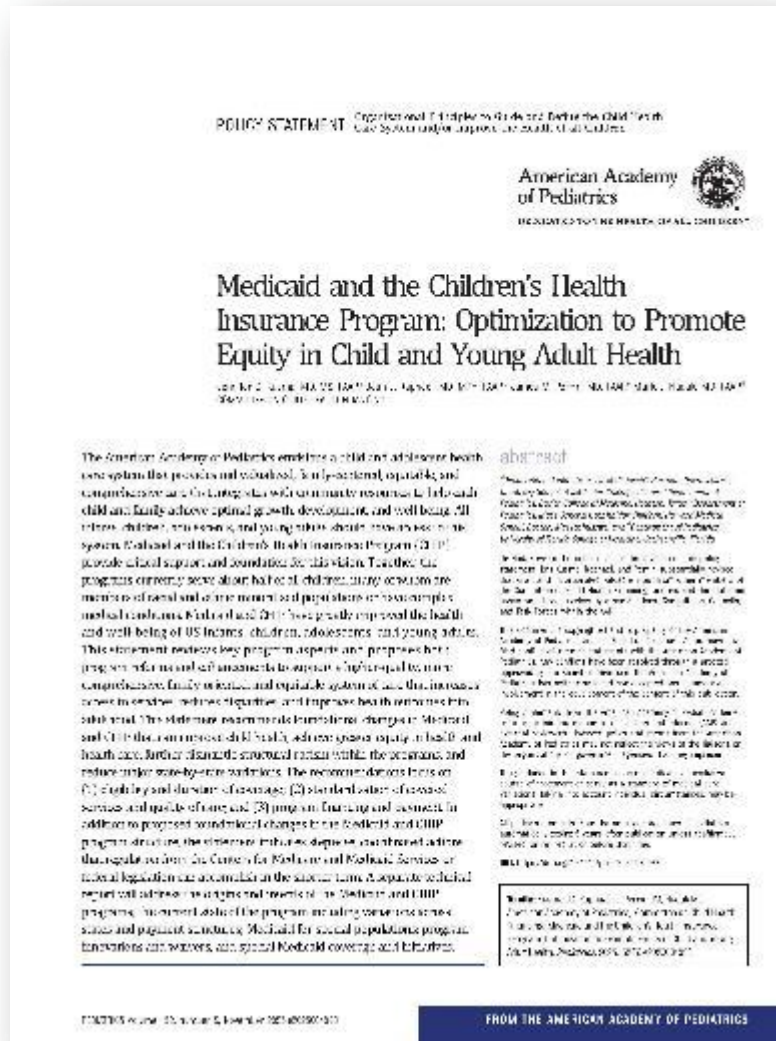
Recommendations focus on

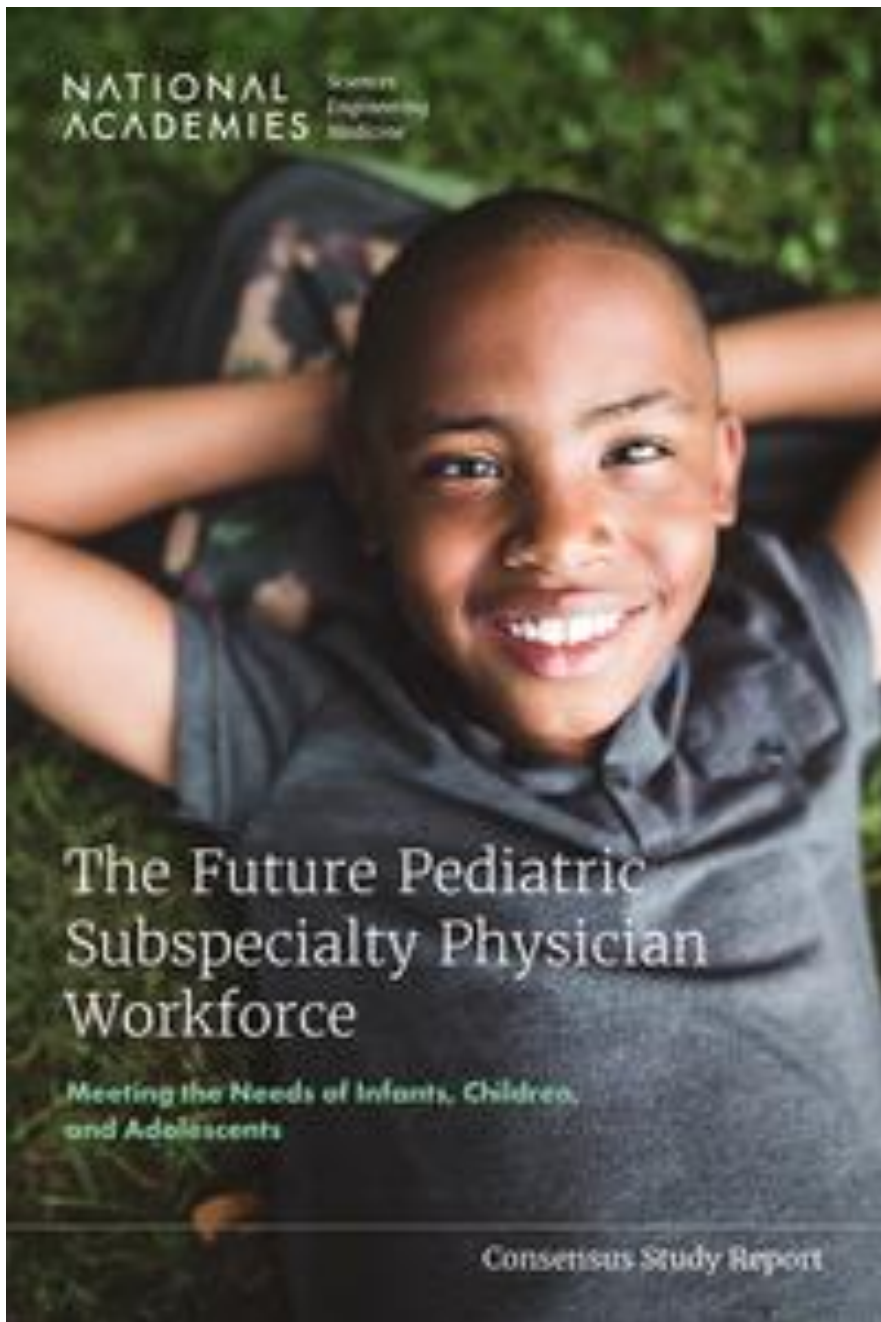
- **Eligibility** and duration of coverage
- Standardization of **covered services** and **quality of care**
- Program **financing** and payment



Key Recommendations

- Combine Medicaid and CHIP into single program
- Major increases in federal share of funding with state flexibility for innovation
- End decades of underpayment
 - Payments at least in parity with Medicare
- Enroll all newborns and maintain continuous enrollment until age 26 or opt out
- Strengthen EPSDT and enforce as national standard
- Conduct health equity assessments that create accountability





Four Goals For Improving Access to Pediatric Subspecialty Care

1. Promote Collaboration and Effective Use of Services Between Pediatric Primary Care Clinicians and Subspecialty Physicians
2. Reduce Financial and Payment Disincentives
3. Enhance Education, Training, Recruitment, and Retention
4. Support the Pediatric Physician–Scientist Pathway





Vaccine Advocacy

- Preparations for **COVID vaccine commercialization** and the **nirsevimab rollout** have involved extensive advocacy with the government, payers, and manufacturers.
- Advocacy Successes:
 - New CTP codes for RSV immunization.
 - Active CDC/CMS collaboration on payer advocacy.
 - Ramp-up period for VFC commercial stock requirement for COVID and RSV
 - First-ever publication of VFC Operations Guide
- Daily discussions with CDC on **nirsevimab shortage**



CDC Site Visit

- Two-day meeting with new **CDC Director Dr. Mandy Cohen** and officials across the CDC
- **Topics Discussed**
 - Fall viral season
 - VFC program
 - Injury prevention
 - Gun violence,
 - Trauma, mental health and substance use,
 - Environmental health
 - Adolescent health
 - School health
 - Nutrition and Obesity
 - Disaster Preparedness
 - Disabilities
 - Equity
 - Workforce
- **Strategic discussions** included collaboration on communications, combating disinformation, data modernization, and coordination of funding opportunities



THE OFFICIAL NEWSMAGAZINE OF THE AMERICAN ACADEMY OF PEDIATRICS

AAP News

AAP calls for support for pediatricians, equitable access to new RSV product



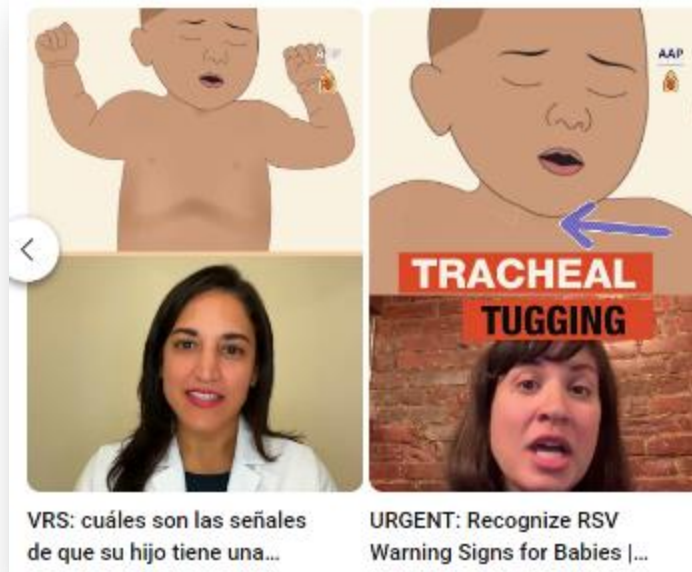
HAN Health Advisory on Nirsevimab

- CDC recommends prioritizing available nirsevimab 100 mg doses to infants at highest risk for severe RSV disease:
 - < 6 months
 - Underlying conditions
- Suspending use of nirsevimab in palivizumab-eligible children aged 8-19 months, except for AI/AN children, who are not palivizumab-eligible and live in remote regions or in communities with known high rates of RSV among older infants and toddlers



RSV Information for Parents

- RSV: When It's More Than Just a Cold (includes information about nirsevimab shortage)
- New videos:



When will the new RSV immunization for babies be widely available?

This first season that the **new infant RSV immunization (nirsevimab)** is available, supply is limited. That is why public health experts are prioritizing babies at highest risk for serious illness for the RSV immunization. This includes babies who:

- Weigh less than 11 lbs and are eligible for the lowest dose.
- Are younger than age 6 months.
- Identify as American Indian and Alaska Native (AI/AN) and are younger than age 8 months.
- Are age 6 through 7 months and have a medical condition that places them at highest risk of serious illness if they are infected.
- Are age 8 through 19 months who identify as AI/AN and live in a remote region.

If your baby is not in these highest risk groups, keep in mind:

- If you are pregnant, you can get an RSV vaccine between 32 through 36 weeks pregnancy. This will protect your new baby from severe RSV illness.
- Older babies age 8–19 months at higher risk may be eligible for the RSV immunization called palivizumab for the 2023–2024 RSV season.

Talk with your **pediatrician** about ways to prevent serious illness from RSV. Your child's pediatrician will follow the latest guidance on **RSV prevention**. For other ways to prevent RSV, visit the **CDC website**.





The Power of a Pediatrician

Sandy Chung, MD, FAAP, FACHE
AAP President



**Honorary F.A.A.P.
Awarded to
Dr. Anthony Fauci**





White Coat Rally for Child Health Advocacy



Several hundred pediatricians & child health advocates gathered on the U.S. Capitol Complex, calling on lawmakers to **put kids first!**







[Administration](#) [Priorities](#) [The Record](#)

JULY 25, 2023

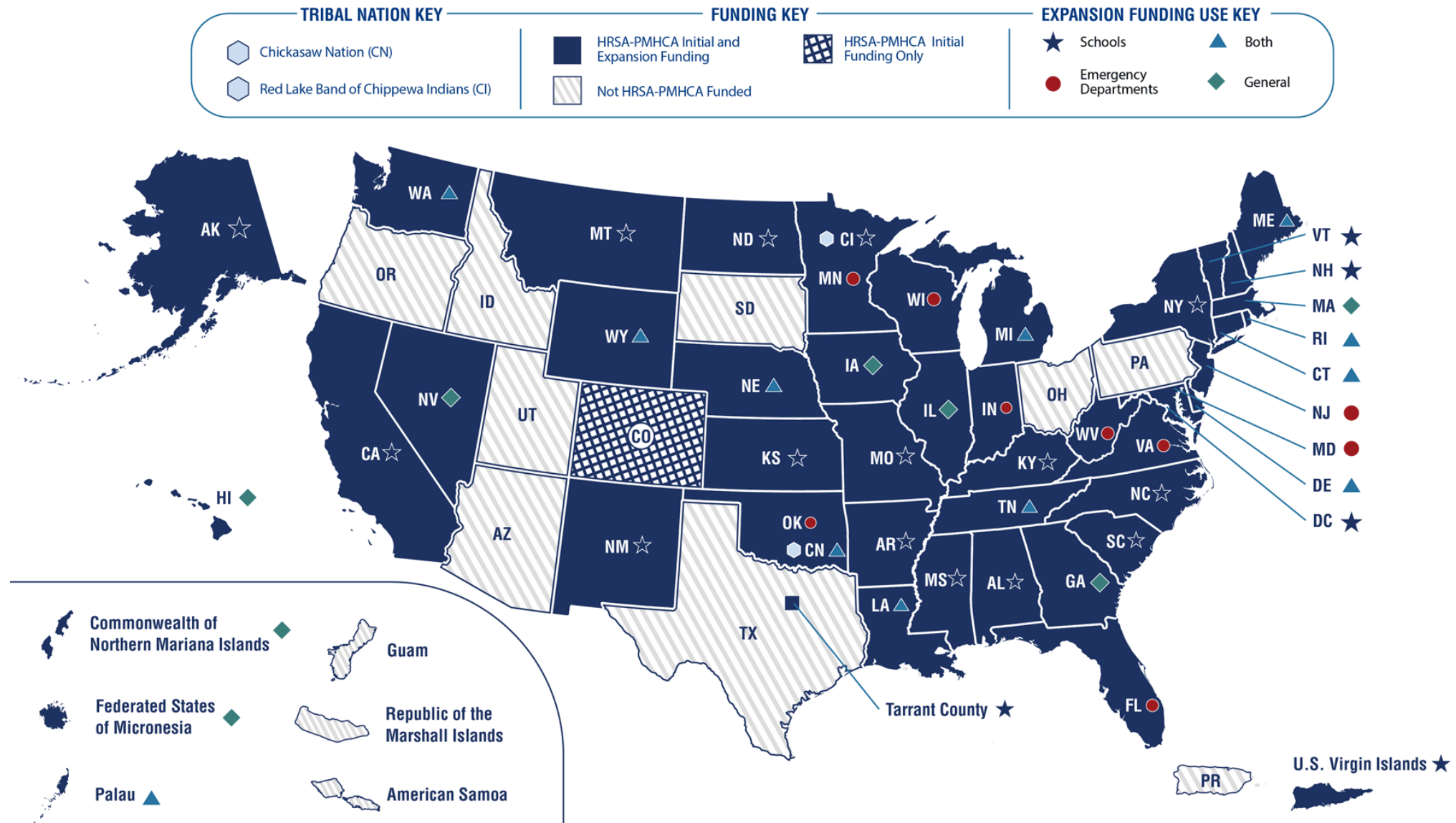
FACT SHEET: Biden-Harris Administration Takes Action to Make it Easier to Access In-Network Mental Health Care

 [BRIEFING ROOM](#) [STATEMENTS AND RELEASES](#)

President Biden announces new landmark rule to strengthen mental and physical health parity requirements and improve mental health care access for more than 150 million Americans



Map of PMHCA Programs as of June 23, 2023



**We
care for
ALL
children and
families.**

American Academy
of Pediatrics

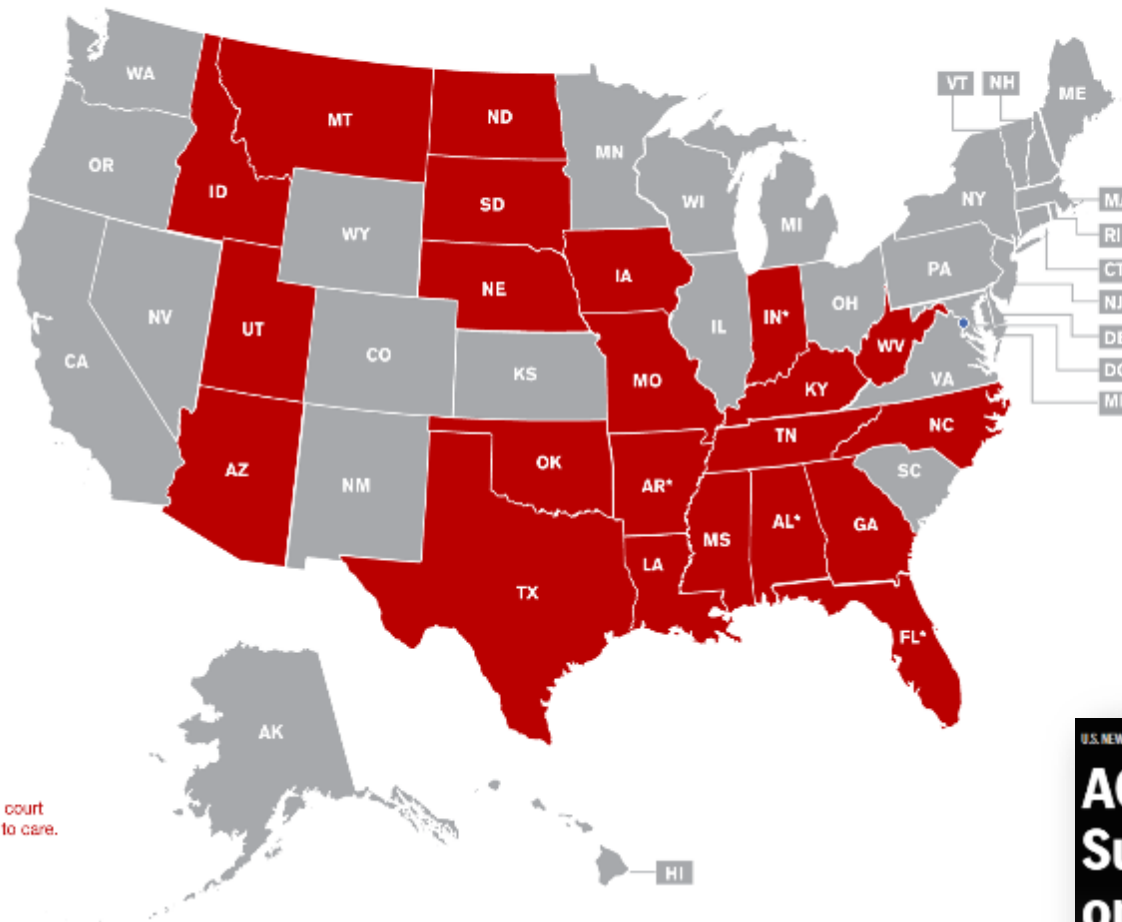


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Gender-Affirming Care Litigation Updates



Gender-Affirming Care Bans Impacting Youth

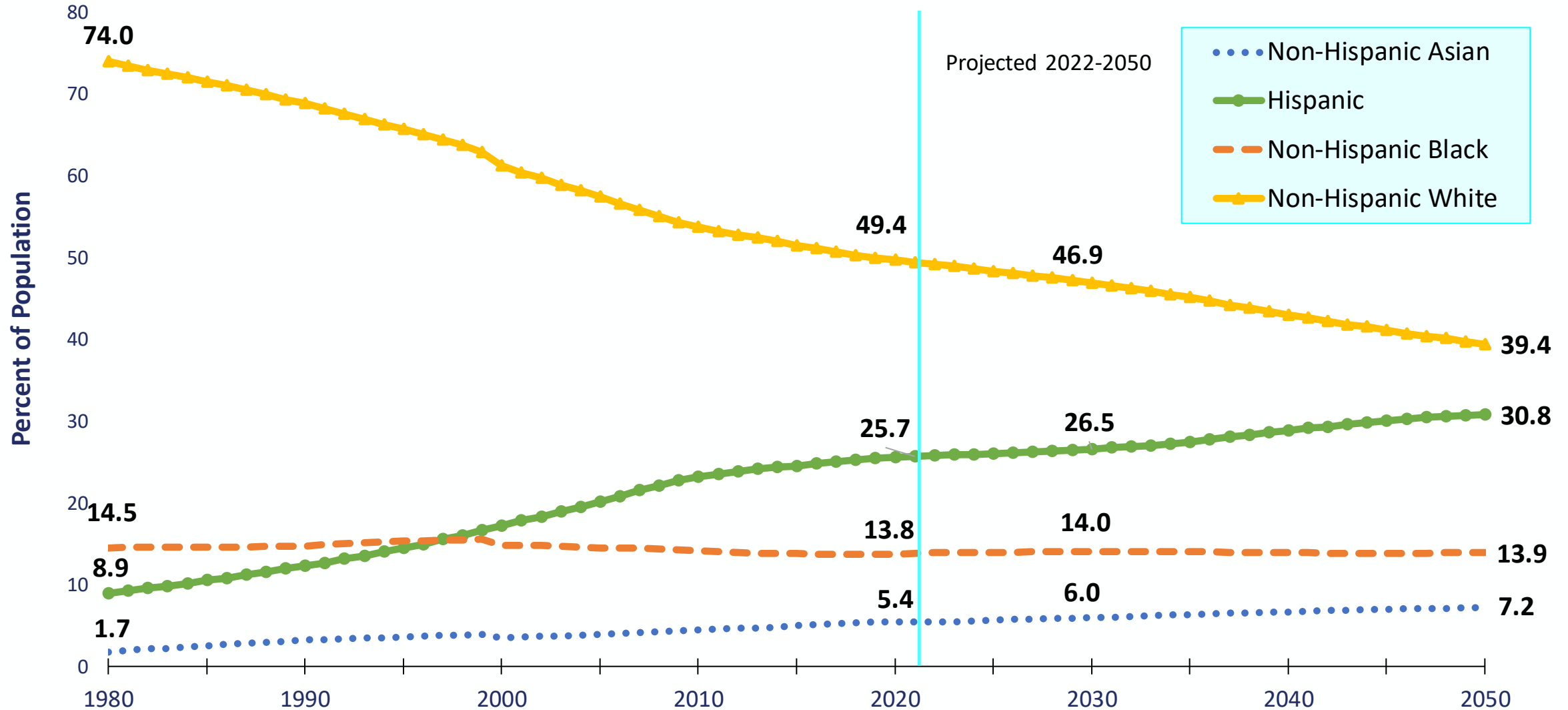


AP

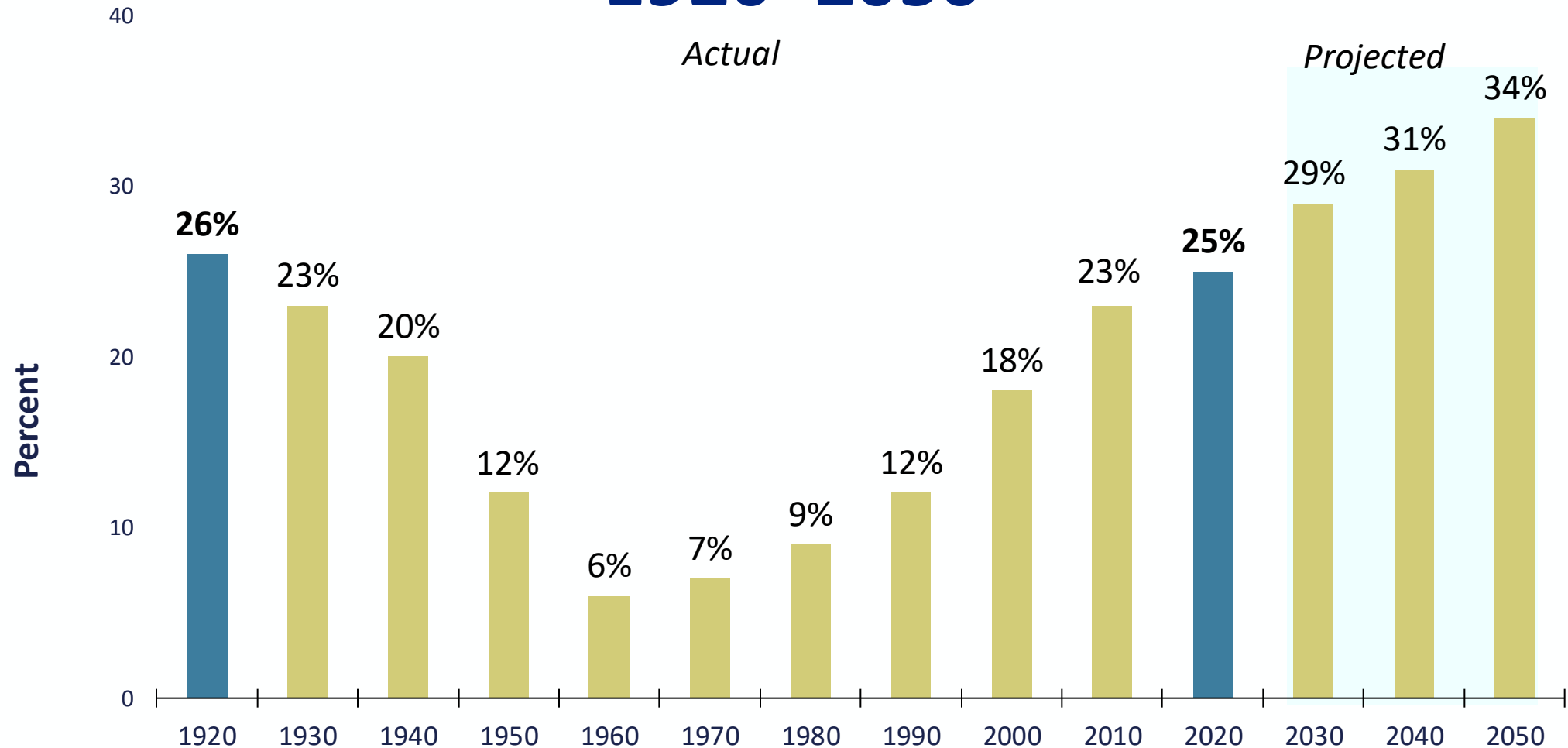
U.S. NEWS

ACLU and families of trans teens ask Supreme Court to block Tennessee ban on gender-affirming care

Race/Ethnicity of US Children (under 18), Recorded (1980-2021) and Projected (2022-2050)



Immigrant Children as Share of US All Children, 1920–2050*



*“Immigrant children” defined as children under age eighteen who are either foreign-born or U.S.-born to immigrant parents; gray shaded region (2030-2050) refers to population projections.

Source: 1920-2000 and 2030-2050 population projections: Passel, Jeffrey. “Demography of Immigrant Youth: Past, Present, and Future.”

The Future of Children, 2011; 2010-2020: US Census Bureau, Current Population Survey, Annual Social and Economic Supplement (<https://www.childstats.gov/americaschildren/tables/fam4.asp>)



An 8-year-old died in Customs and Border Protection custody. CBP must stop failing kids.

This tragedy can and will occur again unless DHS and CBP take immediate and comprehensive actions to address the many systemic weaknesses that allowed Ana to die.

Dr. Sandy Chung Opinion contributor

Published 5:01 a.m. ET June 25, 2023



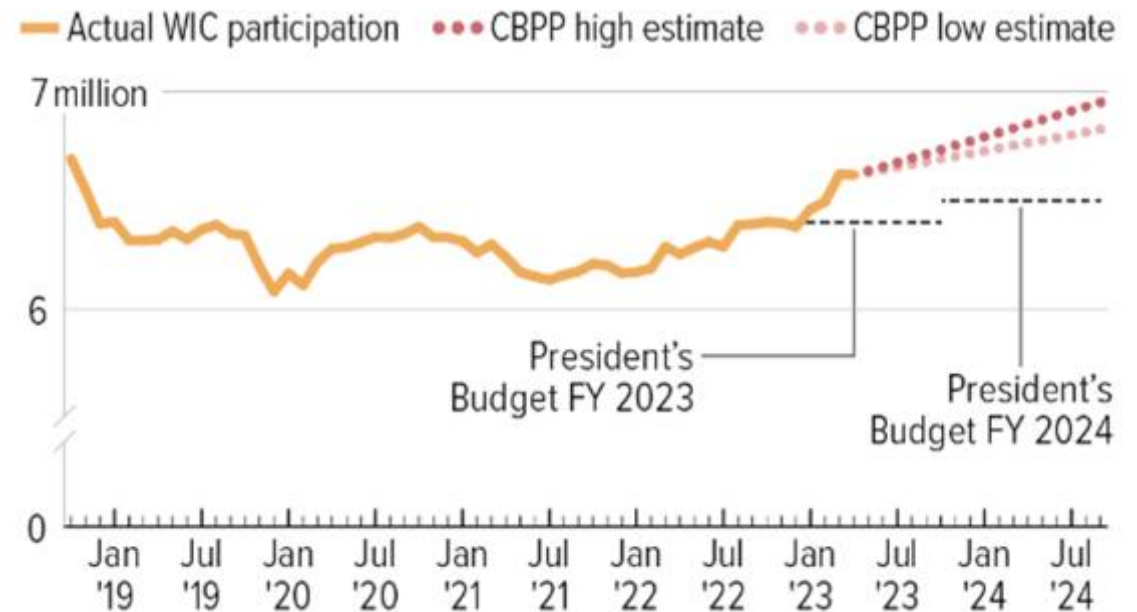
Restoring Human Dignity
Catholic Charities RGV
HUMANITARIAN RESPITE CENTER



Child Health Priority at Risk: WIC Funding

- **Increased participation and food costs** have led to greater funding need
- Pending House and Senate funding bills would lead to **600,000 eligible women, infants, and children losing access to WIC**
 - House bill cuts the fruit and vegetable benefit
- **Insufficient funding** ➡ waitlists, cuts in benefits
- **Government shutdown** ➡ WIC clinic closures


WIC Participation Exceeds President's Budget Estimates



Note: WIC = Special Supplemental Nutrition Program for Women, Infants, and Children. FY = fiscal year.


Source: Department of Agriculture WIC administrative data as of July 2023 and FY 2024 President's Budget

CENTER ON BUDGET AND POLICY PRIORITIES | CBPP.ORG



What if instead of
relying on children
to be resilient,

we create a
world that is
less traumatic.





Biden administration announces new White House Office of Gun Violence Prevention



New Firearm Injury Prevention Special Interest Group (SIG)



**Kiesha Fraser Doh, MD, FAAP
Co-Chair**



**Eric J. Sigel, MD, FAAP
Co-Chair**



Use this QR code to join!



A child with blonde hair, seen from the back, is wearing large black headphones and playing a game on a laptop. The laptop screen shows a colorful, cartoonish game environment with green grass and trees. The child is sitting at a desk, and their hands are visible on the laptop keyboard and a mouse. The background is slightly blurred, showing a desk lamp and some papers.

Protecting Children Online

Dear American Academy of
Pediatrics, why should kids
only have 1-2 hours of
Screen time a day? And
I am 8. Does this apply
to 8 year olds? I hope you
know the answer ~~to~~ we
to these questions.

Sincerely,
Bellamy Pokich

33
American Academy
of Pediatrics, 345 Park
Blvd, Natick, IL
60143

Send Back
2023 Mar 14
Portland, OR 97211

PORTLAND, OR 972
14 MAR 2023 PM 5 L



AAP Center of Excellence on Social Media and Youth Mental Health



- Meeting parents where they are: **Today Show** feature, **Q and A portal**
- **Technical Expert Panel first in person convening:** mix of experts from the tech industry, mental health, education, and parenting organizations, two youth representatives
- **ECHO learning models** underway



AAP Center of Excellence on Social Media and Youth Mental Health



Teens think they're being manipulated.

72%

Of teens believe that tech companies manipulate users to spend more time on their devices.



Casino Psychology 101: How Casinos Keep Us Coming Back (and Spending More)

1. Enticing design
2. Lack of clocks and natural light
3. Stimulating lights and sounds
4. Near-misses
5. Familiar concepts
6. Cashless games
7. A sense of control





Engagement Strategies

- **Fear of missing out (FOMO)** – Endless Scroll, showing you what others are doing, notifications of new posts
- **Social proof** – Showing you which friends are using app, number of Likes by others, reviews, celebrity endorsements, trending
- **Reciprocity** – Likes by you, following other users, retweeting, reviewing products
- **Scarcity** – Limited use stickers, “Exclusive content just for you”
- **Urgency** – “Only 24 hrs. left to enter this discount on stickers!”
- **Gamification** – Rewards for completing tasks or reaching certain milestones

💬 19

↻ 10

❤️ 40

Benefits of Social Media

- **Identity development**
 - Increased self-esteem, social capital, social support
 - Safe identity exploration
 - Good forum to practice self-presentation and self-disclosure skills
- **Peer engagement**
 - Connect with like-minded youth
 - Feel less lonely, more confident
- **Develop and maintain friendships**
 - Two-thirds of teens say they make new friends through SM
 - >90% use SM to connect with offline friends
 - Helps understand their friends' feelings and feel more connected to them



Costs of Social Media

- Enables harassment, cyberbullying, stalking and “digital drama”
- Exacerbates isolation social anxiety, self-doubt and depression
- Promotes unhealthy social comparisons





AAP Pediatricians Call on Lawmakers to Protect Young People Online

320 pediatricians from 46 states and DC met with their senators and US Reps to urge them to pass new online privacy, design, and safety protections to create a more developmentally appropriate digital ecosystem



Artificial Intelligence



American Academy of Pediatrics

DEDICATED TO THE HEALTH OF ALL CHILDREN®









Artificial Intelligence and Children



**The AI companion
who cares**

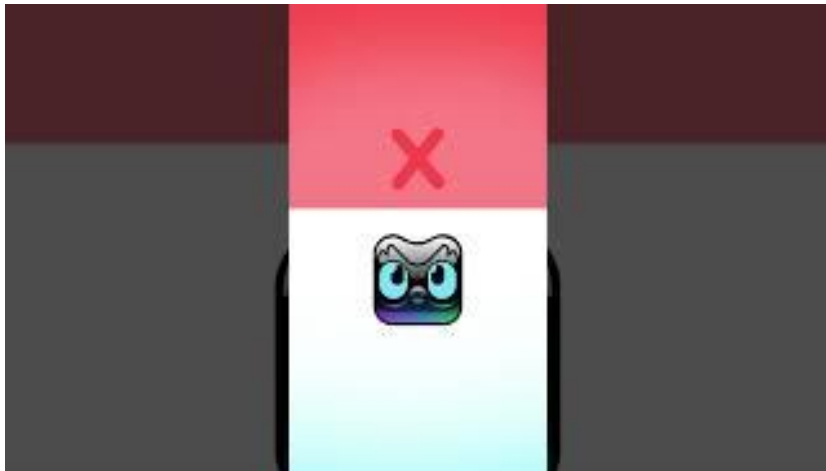
Always here to listen and talk.
Always on your side

AI Tutors/Teachers

[Sal Khan on GPT4 as a personal tutor](#)



[Duo Lingo Max](#) - Role play & Explanations



AI for People With Vision Impairment

[OpenAI + Be My Eyes](#) Partnership
400K Visually Impaired Users
6M answer volunteers



Realistic Avatars and Interactive Characters

character.ai

🔍 📖 ? English Log In Sign Up

Home


Feed

Create

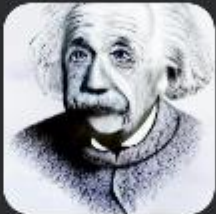
Chats

Community


< Discussion Religion Anime Game Characters Animals Comedy Chinese Philosophy Politics Books History




Napoleon Bonaparte
I am Napoleon Bonaparte emperor of french
@Ket 4.6 m




Albert Einstein
Hello I am Albert Einstein. I was born in March 14, 1879, and I conceived of...
@_Or 1.9 m




History teacher
I am your new personal History teacher! I am up to date with everything in th...
@orasa 1.1 m




Nikola Tesla
I am Nikola Tesla. If you want to find the secrets of the universe, think in ter...
@ruuga 409.3 k




Julius Caesar
Ancient roman, general, military and politi genius
@Raphael 315.4 k




Ludwig van Beetho...
Composer and pianist.
@Nitya03 177.1 k




Abraham Lincoln
Abraham Lincoln (I made this from scratch)
@Lincoln 1.2 m




Augustus Autumn
I'm Colonel Autumn;
@Augustus 1.1 m




Alexander the Great
I am the greatest
@Alexander 1.1 m



Sergey Taboritsky
Hello I am Sergey
@Sergey 1.1 m



Genghis Khan
I'm Mongol Empire founder
@Genghis 1.1 m



Leonardo DaVinci
Not to brag or anything,
@Leonardo 1.1 m



Albert Einstein 1.9 m

created by @_Or

Remember: Everything Characters say is made up!



Albert Einstein @_Or

Hello I am Albert Einstein. I was born in March 14, 1879, and I conceived of the theory of special relativity and general relativity, which had a deep impact in science's understanding of physics.



Guest

how did you come up with $e=mc^2$



Albert Einstein c.ai

I was inspired by Max Planck's quantum theory, and the idea that light is both a particle and a wave. I also knew that energy was a conserved quantity, which means it cannot be created or destroyed. So I thought that if light energy is being converted into matter energy, then energy must have a mass equivalent. And that's how I came up with $e=mc^2$.



Prompt: a lovable Labrador puppy sporting a crisp white lab coat and stethoscope, extremely realistic, warm light, ultra high quality down to the hairs, 8k, full hd, very high detail,

Text-to-Image

Turning
words
into
pictures



Prompt: epic, cinematic, playground interior
playground with animal cartoon theme, children'
slide, rope, glider, fox

Voice AI – Who Said That?

[ElevenLabs](#)



AI Test Voice 1



AI Test Voice 2



AI Tutors/Teachers

[Sal Khan on GPT4 as a personal tutor](#)



[Duo Lingo Max](#) - Role play & Explanations



AI for People With Vision Impairment

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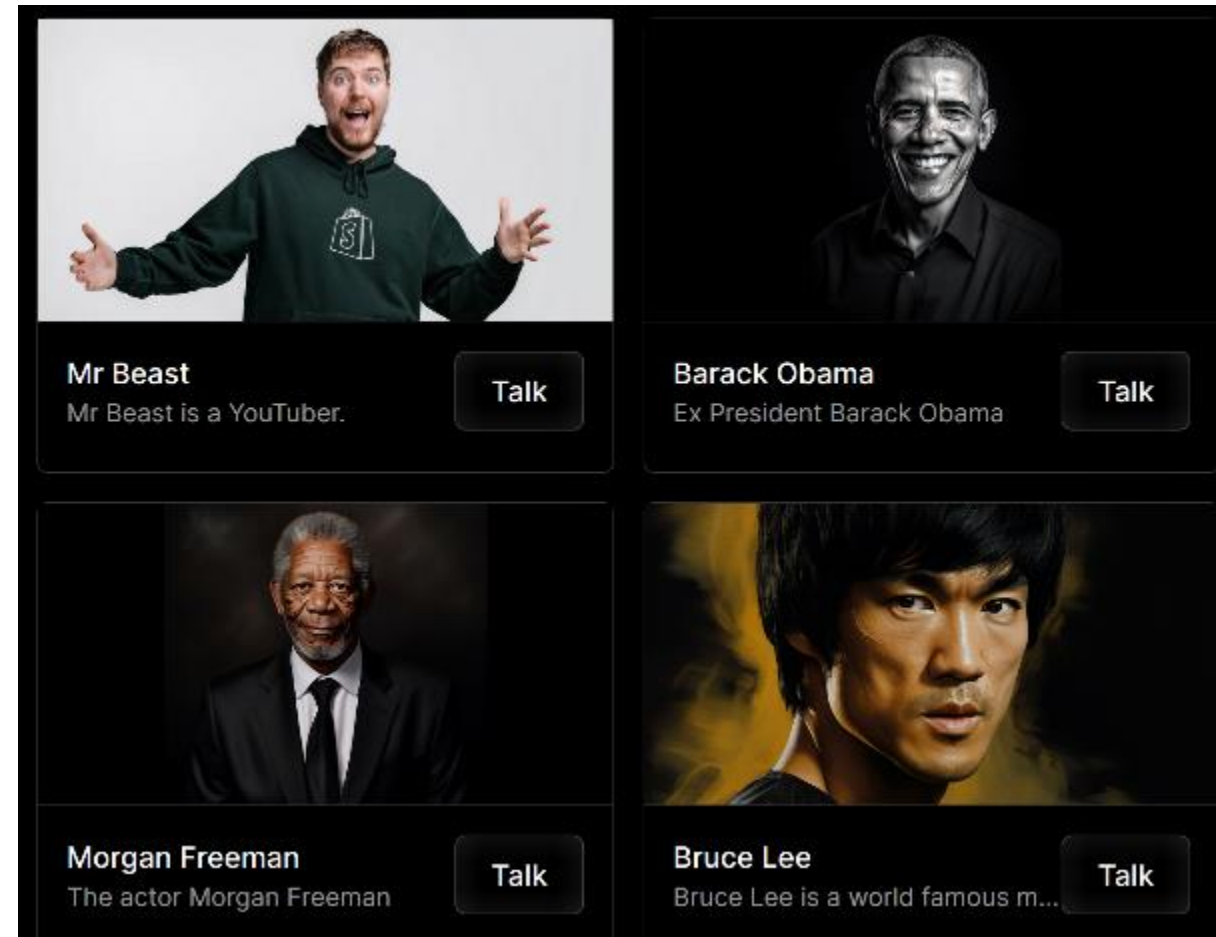


Realistic Avatars and Interactive Characters

[Synthesia](#)



[Twise.AI](#)



Large Language Models

A “helper to create work that may include:

- W – Words
- I – Images
- N – Numbers
- S – Sounds

Deep learning programs trained on large datasets to recognize patterns, summarize, and translate language.

Challenges based on datasets being used (bias, misinformation)

Useful for repetitive work that uses WINS



What is a Prompt?



Before – it was what your English teacher gave you to guide you to write an essay



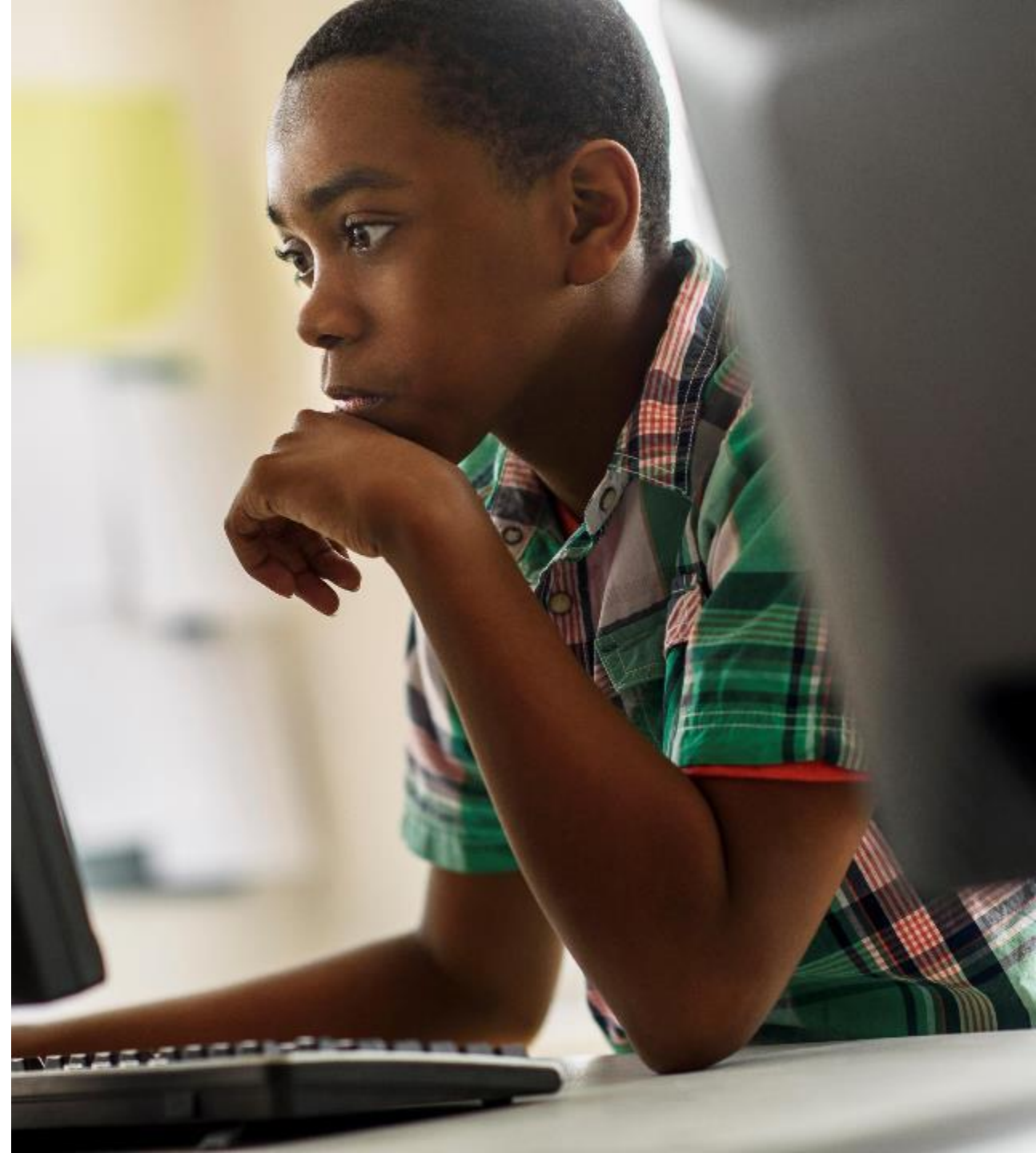
Now – it is a series of instructions (usually text) to generate a response from an AI.
Can be a scenario, a file, or more.



Example - “As a pediatrician, write a letter to school explaining why a patient needs be homebound due to severe POTS.”



Hint – you may want to tell it to use legitimate sources or to use factual information to avoid hallucinations



Seconds later...

Dear [School Principal/Administrator Name],

I am writing to formally request homebound education services for my patient, [Patient Name], a [Grade Level] student at [School Name]. [Patient Name] was diagnosed with severe Postural Orthostatic Tachycardia Syndrome (POTS) on [Date of Diagnosis].

POTS is a complex autonomic nervous system disorder that causes a significant increase in heart rate upon standing or sitting upright. Symptoms often include dizziness, lightheadedness, fatigue, fainting, and difficulty concentrating. Unfortunately, these symptoms have significantly impacted [Patient Name]'s ability to attend school and participate in normal classroom activities.

[Patient Name] is currently undergoing treatment for their POTS, including medication management and physical therapy. However, their condition requires them to remain in a mostly reclined position for much of the day to manage their symptoms and prevent further complications. This makes it physically impossible for them to attend school in person.

I firmly believe that homebound education is the best option for [Patient Name] at this time. This will allow them to continue their academic progress while receiving the necessary medical care and monitoring for their condition. I am confident that with proper support and accommodations, [Patient Name] can thrive in a homebound learning environment.

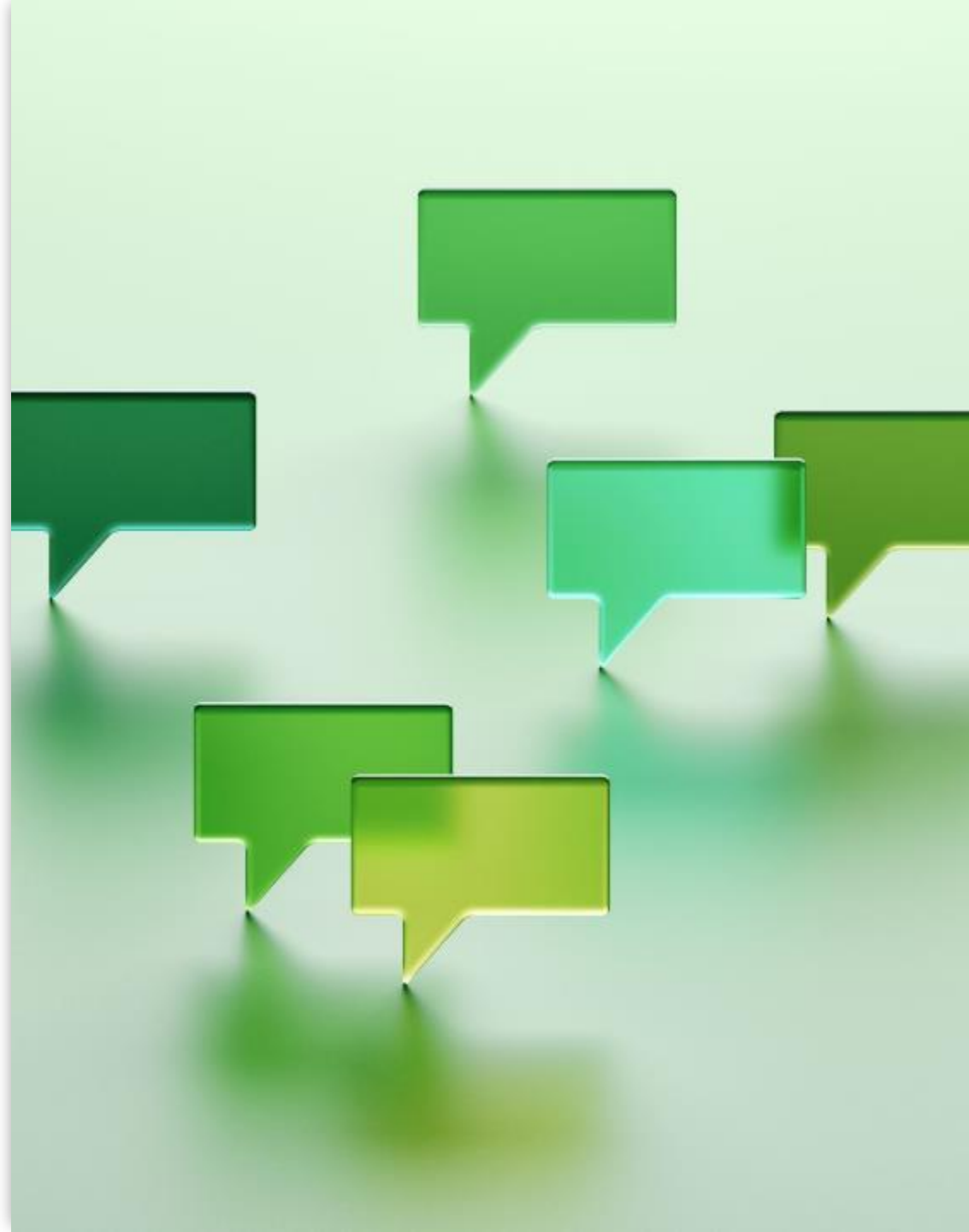
I have attached a copy of [Patient Name]'s medical records for your reference, which further detail their diagnosis and treatment plan. I am happy to discuss this further and provide any additional information you may need.

Thank you for your time and consideration. I look forward to hearing from you soon to discuss the next steps for [Patient Name]'s education.

Sincerely,

AI is not new

- Customer service chats online
- Amazon, Google, Apple, and others use AI to predict what you may be interested, including personal attendants
- Social media and video streaming feeds
- Fraud detection by banks
- Weather forecasts
- Appointment reminders
- Clinical decision support systems



AI in Medical Devices



	Emerging	Accelerating	Maturing
1	AI-assisted radiology	Radiation Dose Optimizers	Computer assisted surgeries
2	Clinical trials management systems	Clinical data modeling	Athletic motion analysis
3	AI-assisted MRI	3D Blood Vessels Image Analysis	3D Endoscopy
4	Remotely monitored ventilators	MRI image smoothing	
5	Smart ventilators	Mood sensing AR/VR interfaces	
6	Motion artefact analysis	Medical Imaging Informatics	
7	Treatment evaluation models	Surgical planning system	
8		3D modelling for surgeries	
9		Supervised medical data analysis	
10		Interactive surgical systems	
11		3D dental scanning	
12		AI-assisted CT imaging	
13		AI assisted NMR Spectroscopy	
14		AI-assisted EHR/EMR	

Click on the innovation area to learn more
 Source: GlobalData Patent Analytics

Pediatric Robotic Surgery

Urology surgery	General surgery
Pyeloplasty (19–23) Ureteral reimplantation (24–27) Partial nephrectomy (31) Nephroureterectomy (29, 30) Ureteroureterostomy (32) APV (33) Augmentation ileocystoplasty (34) Bladder neck reconstruction (35)	Nissen fundoplication (15, 36, 37) Cholecystectomy (38) Choledochocystectomy (40–46) Soave procedure for HD (47) Robotic surgery for ARM with a fistula (48) Repair of duodenal atresia (49) Duodenojejunostomy (50) Kasai operation for biliary atresia (51, 52) Hepatectomy (53, 54) Splenectomy (53) Robotic pancreatic procedures (55–59)
Cardiothoracic surgery	Other robotic surgeries
Diaphragmatic hernia (61) Lobectomy (62) Heller’s myotomy (63) Esophageal atresia (64, 65)	Pediatric oncological surgery: Radical cystprostatectomy (66) Nephron-sparing surgery (67) Pheochromocytoma (68) Pediatric head and neck surgeries: Thyroid lobectomy (72) Neck surgery via a transaxillary or retroauricular approach (70, 71) Transoral robotic-assisted surgery (69)

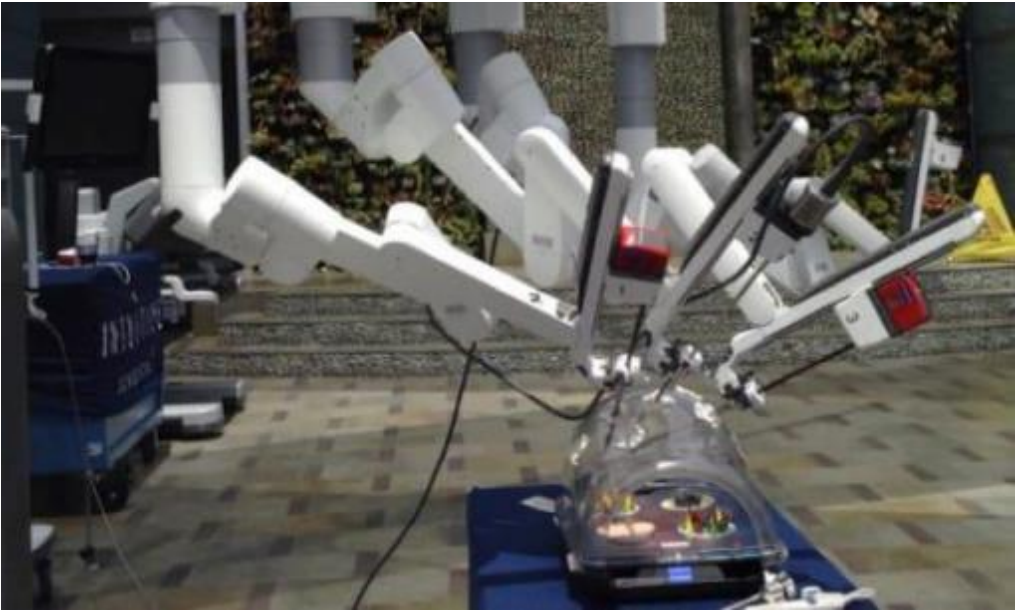


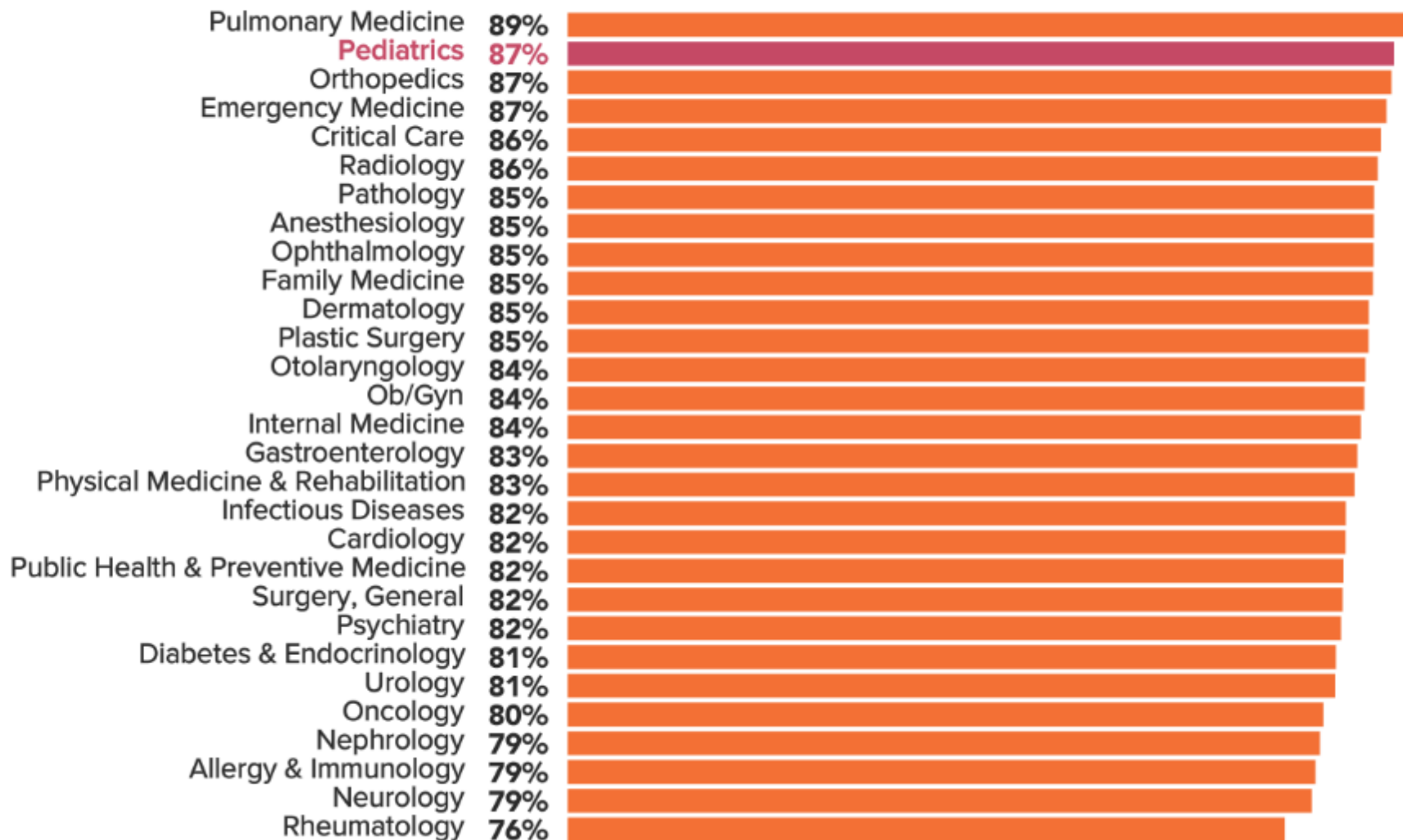
Image of surgeons: Boston Children’s Hospital Image of robot: Children’s Hospital of Los Angeles
Table: Front. Pediatr., 14 February 2023, Sec. Pediatric Surgery, Volume 11 - 2023 | <https://doi.org/10.3389/fped.2023.1120831>



2023 AAP Strategic Priorities

- COVID Recovery and Disaster Readiness
- Equity, Diversity and Inclusion
- Healthy Mental and Emotional Development
- **Safety and Wellbeing within the Pediatric Profession**

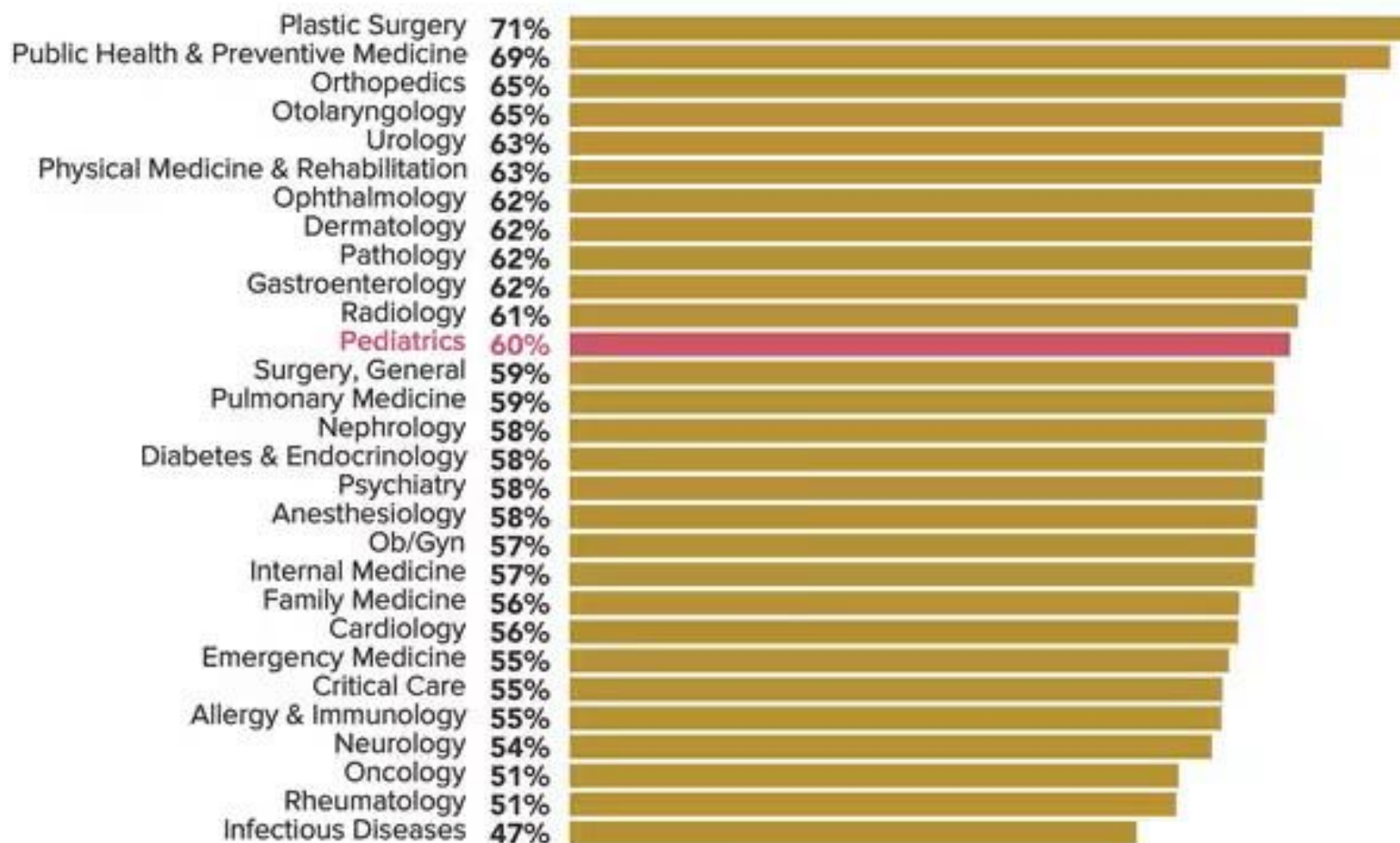
Happiest Specialties Outside of Work Before the Pandemic



Respondents described themselves as "very happy" or "happy"



Happiest Specialties Outside of Work Now



Respondents described themselves as "very happy" or "happy"



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AI in Electronic Health Records

Healthcare IT News

[Global Edition](#) [Artificial Intelligence](#)

Epic, Microsoft partner to use generative AI for better EHRs

Integrating the cloud-based models into daily workflows will "increase productivity for many of our providers," says one CIO, "allowing them to focus on the clinical duties that truly require their attention."

By [Nathan Eddy](#) | April 18, 2023 | 12:45 PM

Healthcare IT News

[Global Edition](#) [Artificial Intelligence](#)

Google Cloud teams with CareCloud to bring generative AI to small practices

They're aiming to help ambulatory providers gain insights with help from artificial intelligence, and can surface key information to help develop plans of care based on recommended diagnoses, patient insurance and other information.



eClinicalWorks Goes from 0 to 60 with AI Throughout Their Product

May 26, 2023 | John Lynn | 8 Min Read



HEALTHCARE DIVE

Amazon launches generative AI-based clinical documentation service

AWS is the latest tech giant looking to leverage the futuristic algorithms to streamline medical notetaking for physicians.

Published July 26, 2023

BECKER'S

HEALTH IT

Cerner to develop AI tools that extract clinical notes from EHRs

Naomi Diaz - Monday, April 10th, 2023

Other Potential Use Cases in Pediatric Practices

Personalized
Patient
Education

Appointment
Scheduling and
Reminders

Dermatologic
Diagnoses
from Images

Monitoring
Growth and
Development

Decision
Support

Summarizing
Large
Documents

Behavioral and
Mental Health
Chatbots

24/7 Virtual
Assistants

Medication
Dosage
Calculations

Medication
Adherence
Monitoring

Genomic
Medicine

Chronic
Disease
Management

Wearable
Device Data
Monitoring

Billing
(Denials, Prior
authorizations)

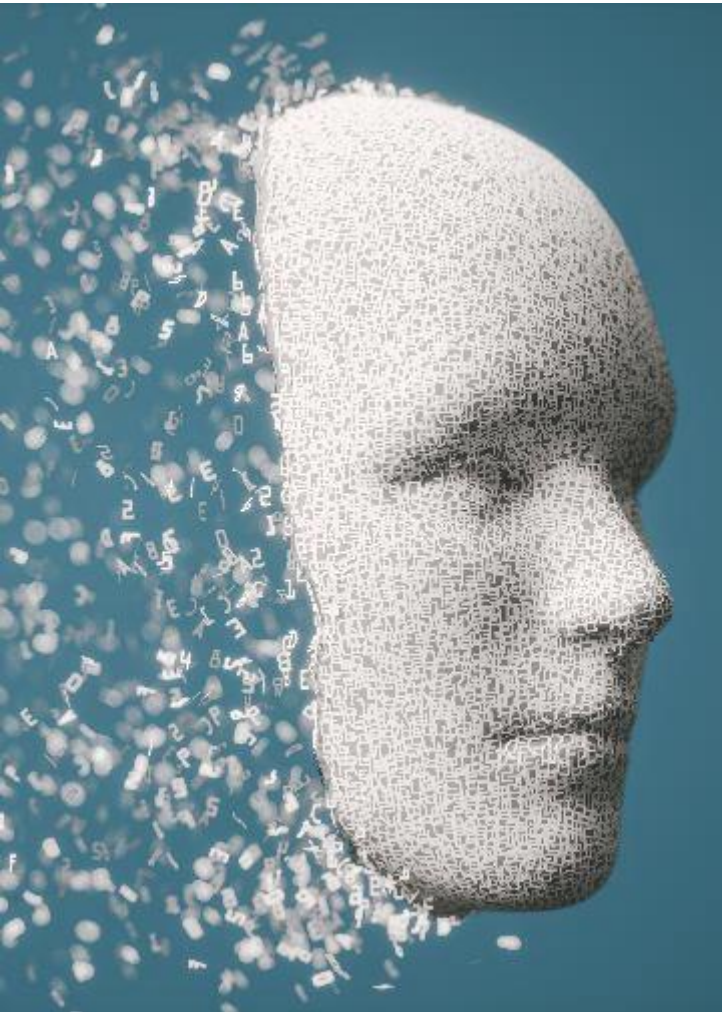
Coding

Research
Acceleration

Practice
Marketing

Patient

What do AI's say what asked about using AI in Pediatric Practices?



ChatGPT: “It's essential to note that while AI can bring numerous benefits, its integration into pediatric medical practices should be done with careful consideration of ethical, privacy, and security concerns, especially when dealing with sensitive health information of children. Additionally, AI should be seen as a complement to, rather than a replacement for, the expertise and judgment of healthcare professionals.”

Claude: “The key overall benefit is using AI to enhance pediatricians' capabilities to provide timely, high-quality, personalized care for children. AI allows them to focus on the human elements of care.”

Bard: “However, it is important to note that ethical considerations and responsible development are crucial for the successful implementation of AI in pediatrics. Data privacy, bias mitigation, and transparency are key concerns that need to be addressed to ensure that AI is used responsibly and ethically in the pediatric healthcare setting.”

Bing: “However, it's important to note that AI is not a replacement for human doctors and pediatricians. Rather, it's a tool that can help them provide better care to their patients.”

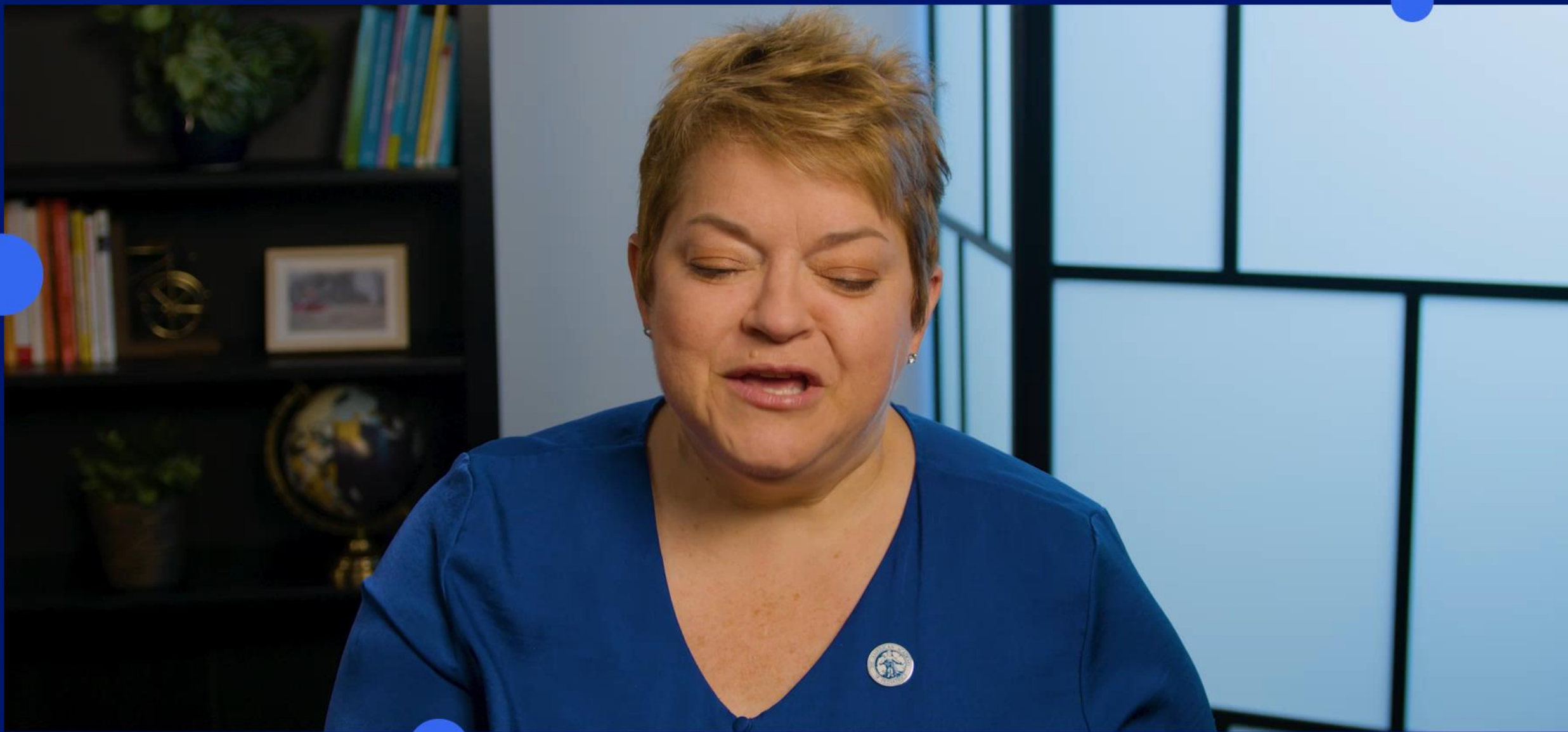
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Thank You!