



**Indiana**  
**Department**  
**of**  
**Health**

# HOOSIERS: GIVE KIDS A SMILE KICKOFF

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DIRECTOR, ORAL HEALTH DIVISION

11/9/2022

OUR MISSION:

To promote, protect, and improve the health and safety of all Hoosiers.

OUR VISION:

Every Hoosier reaches optimal health regardless of where they live, learn, work, or play.



# Hoosiers: Give Kids A Smile

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Dental month: February 2023: Oral Education/ Oral Screenings/Preventive/Restorative



## *Hoosiers:*

## Give Kids a Smile!



ADA American Dental Association®

Give Kids A Smile® 20th Anniversary

**20<sup>th</sup> year celebration of national movement.**

# Dental Committee Members

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- **Indiana Department of Health:** Dr. Lindsay Weaver, Dr. Nelly Chawla, Lorrie J Ramsey, Robert Gottlieb, Gabrielle Long (Gabby)
- **Indiana Dental Association:** Doug Bush, Dr. Jill Burns, Dr. Tom Blake, Dr. Rob Weaver
- **Indiana University School of Dentistry:** Dean Carol Ann Murdoch-Kinch, Dr. Soto Rojas, Armando Ernesto, Dr. Martinez Mier, Esperanza Angeles, Dr. Scully, Dr. Angela Yepes, Dr. Anubhuti Shukla
- **Indiana Dental Coalition:** Dr. Leila Alter
- **Indiana Pediatric Dentist Association:** Dr. Kevin Beadle, Dr. Nicole, Kayla Brooks, Dr. Tammy Button, Dr. Tawana Ware
- **Marion County Oral Health Department:** Dr. Tonya Stewart, Marie Fox
- **Indiana Chapter American Academy of Pediatrics:** Dr. Sarah Bosslet, Christopher Weintraut, Amber Lenwell
- **IN Dental Hygiene Association and Dental Hygiene School:** Lauren McNicholas, Kimmy Rezutko, Amanda Apple, Dr. Joyce C. Hudson, Shirley Bootz, Lorinda Coan, Mallory Lynn Edmondson, Jennifer Bryant, Donna Krause, Heather Waldron, Dr. Steven Ellinwood
- **Health Linc:** Beth Wrobel, Dr. Isaac Zeckel
- **Indiana Primary Health Care Association:** Dr. Karla Marin, Ben Harvey
- **Bowen Center for Health Workforce Research and Policy:** Dr. Hannah Maxey
- **Indiana Association of School Nurses:** Joy Sunday
- **Indiana Department of Education:** Jolene Bracale
- **Indiana Parent Teacher Association:** Rachel Burke
- **Indiana Medicaid:** Dr. Ann Zerr, Scott Pillar, Nyree Modisette

# Stats

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## WHO: **oral diseases affect nearly 3.5 billion people**

Untreated Dental Caries: most common health condition -Global Burden of Disease 2019. (WHO)

- 24%-2-4 years
- **53%-6-8 years** (by age 8, **over half** of children have cavities in baby teeth)
- 56%-15 years old
- 2013: \$2.1 billion was spent on emergency department services for oral complaints
- An **estimated 3,559,490 Hoosiers live in dental health professional shortage areas**, which is **53% of the state's population** ([https://www.iyi.org/wpcontent/uploads/2021/03/2021\\_IYI\\_Databook\\_FINAL.pdf](https://www.iyi.org/wpcontent/uploads/2021/03/2021_IYI_Databook_FINAL.pdf))
- According to CDC(2020)->4-of-10 children have tooth decay by the time child enters kindergarten.
- Children with cavities in **primary (baby) teeth are 3 times more likely to develop cavities in permanent teeth**

# Stats

In the United States:

**1 IN 2**

**CHILDREN**  
aged 6 to 8 have  
had a cavity in at  
least one of their  
baby (primary) teeth.



**46%**

**OF ADULTS**  
over 30 show signs  
of gum disease.



**1 IN 4**

**ADULTS**  
has untreated  
cavities.



**\$45**  
**BILLION**

in lost productivity  
is due to untreated  
dental disease.



# Stats



## Indiana

### Topic: Synopses State Programs

#### Prevention programs

Indiana - 2021

Prevention programs

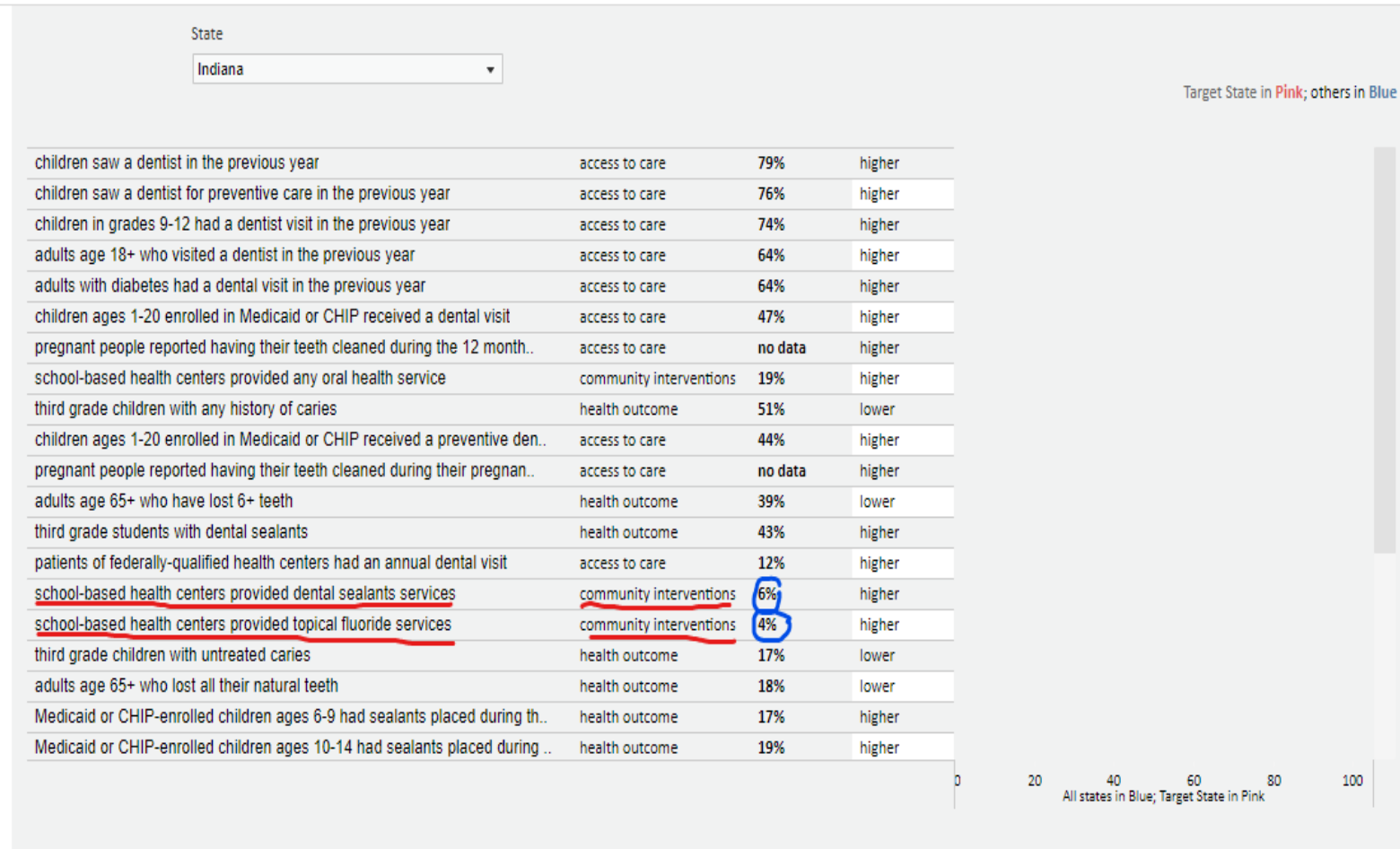
Breakdown: Type of Program

	School-based or school-linked sealant programs	Dental screening programs	Early Childhood Caries (ECC) prevention programs	Fluoride varnish programs
2021	No	No	No	No

**Data Source:** Association of State and Territorial Dental Directors (ASTDD). Synopses of State Dental Public Health Programs.

# Stats

## National Oral Health Surveillance System by [Association of State & Territorial Dental Directors](#)





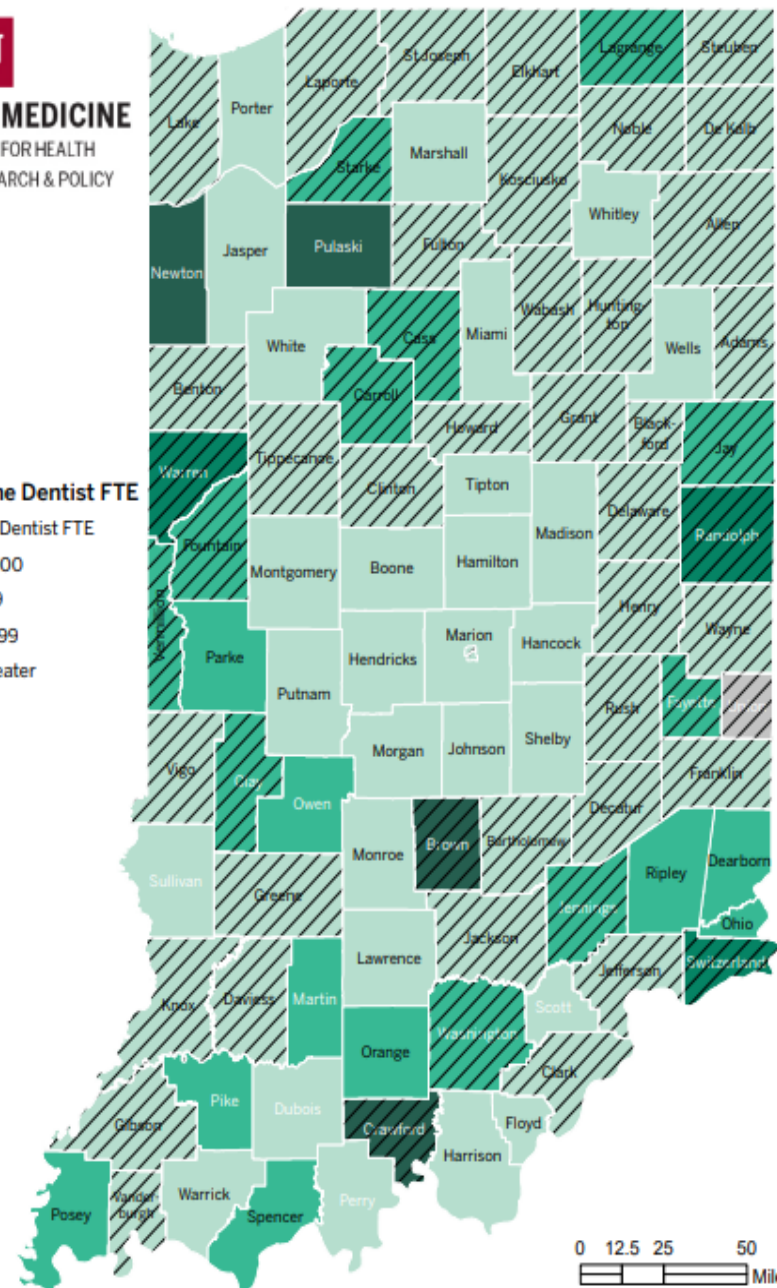
# Dental shortage areas



**SCHOOL OF MEDICINE**  
BOWEN CENTER FOR HEALTH  
WORKFORCE RESEARCH & POLICY

### Population to One Dentist FTE

- No Reported Dentist FTE
- Less than 5,000
- 5,000 - 9,999
- 10,000 - 14,999
- 15,000 or Greater
- Dental HPSA



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Data Sources; 2020 Indiana Dentist License and Supplemental Survey Data; Annual Estimates of the Resident Population for Counties in Indiana: April 1, 2010 to July 1, 2019 (CO-EST2019-ANNRES-18); Health Resources and Services Administration, Health Professional Shortage Area Data Warehouse, 2021  
Notes: Population to provider FTE ratios cannot be calculated for counties with no reported dentist FTE

# Oral Health Disparities

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Oral health disparities exist for many racial and ethnic groups, by:

- Socioeconomic status
- Gender
- Age
- Geographic location

## In Indiana

- 2-3 counties don't have a dentist
- Regarding population to provider ratios, 63 counties had PPRs that were fewer than 5,000:1
- **Only five local health departments provide oral health services**

# Consequences of Dental Caries

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- Missed school days
  - Children **lose 54 million school hours** each year due to oral complications and dental care
- Impaired speech development
- Inability to eat, speak, smile and show emotions.
- Inability to concentrate in school
- Poor academic performance
- Reduced self esteem
  - Besides, pain, spread of infection, difficulty in chewing, poor overall health, costly dental treatment

# Surgeon General Report

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Total health and wellness cannot exist without oral health,



Dental Caries ----**Silent Epidemic—U.S. Surgeon General**



affirmed that oral health is essential to general health and well-being.

“When oral health suffers, so does the ability to learn, grow, and enjoy life.”

# Steps to Fill Out the Form

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## Log in to ADA

### 1. Event Information:

**Event type:** Education

**Event name:** Hoosiers: Give Kids A Smile

**Event date:** Any date in February,2023

### 2. Address & Contact Information:

Complete information

### 3. Planned Event Data

**Planned total care value:** \$500 (this is the dollar amount, fill any)

**Planned number of children :** 1,000  
(maximum)

**Minimum age of children:** select

**Maximum age of children:** select

**Does your GKAS event treat patients with special needs?** No

**Planned number of dentists:** None

**Planned number of volunteer:** (if they have 2 or more, write the number)

**Event description:** Educational event at school

### 4. Product Request

I am interested in requesting product for my event(s): **Check this Box**

### 5. Add Dentist Volunteers Names None

# Get Listed on the Clinician Map

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**Please complete the survey** to be added on the map of Indiana as a participating provider for the event.

- **Link to the survey:**

<https://survey123.arcgis.com/share/1cc2474c0cca4df5aaff22bd4db9f4a1>

# Contact

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**For supplies in case you need:**

**Kelly Hawkins RDH, RN-BSN**

Territory Representative

**Patterson Dental, Chicago**

219.242.5878 (cell)

[kelly.hawkins@pattersondental.com](mailto:kelly.hawkins@pattersondental.com)

**“You cannot educate a child who is not healthy, and you cannot keep a child healthy who is not educated.”**

~ Jocelyn Elders, Former U.S. Surgeon General





# You All Make the Difference!

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