

Reimagining the Health Workforce: 100 Million Mouths Campaign in Missouri and Beyond

The 2026 Missouri Oral Health Policy Conference

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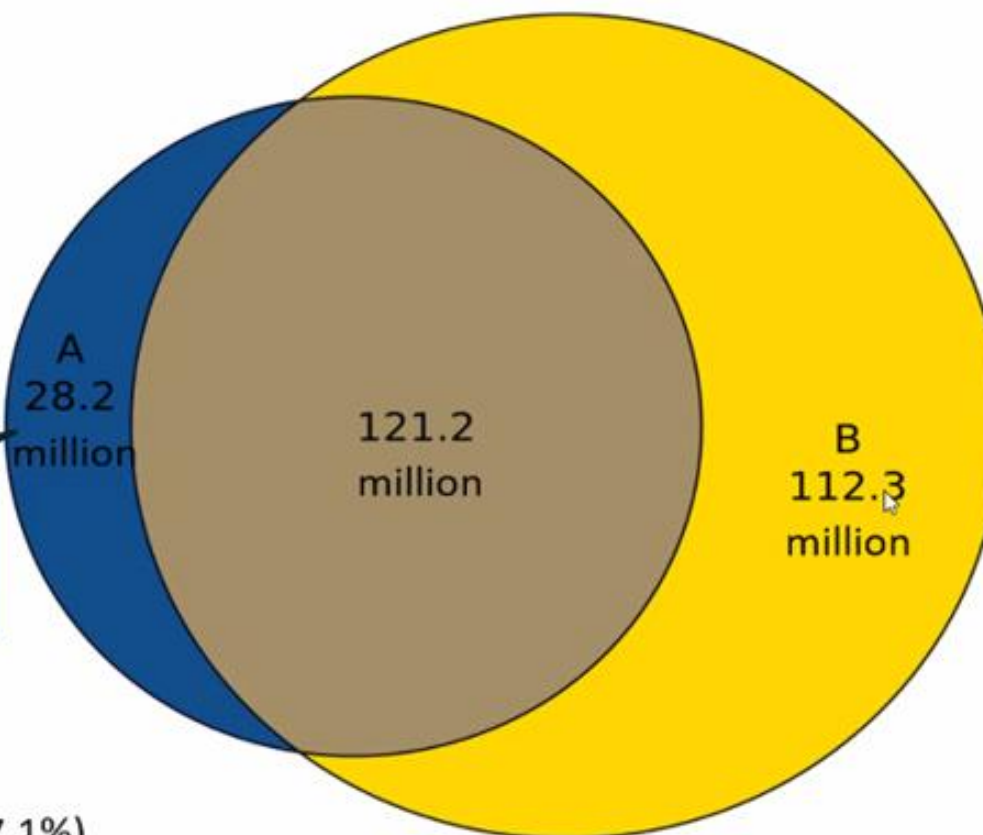
Harvard School of Dental Medicine



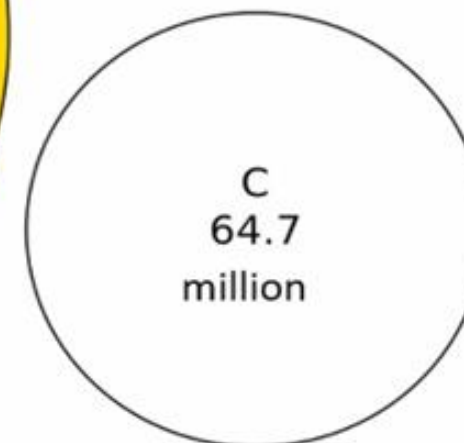
Learning Objectives

- 1.Explain the goals, structure, and national impact of the 100 Million Mouths Campaign in advancing oral health training within primary care.
- 2.Identify opportunities to engage with the 100 Million Mouths Campaign and strengthen oral health training in participants' own states.
- 3.Illustrate, using the work led by the Missouri State Champion, how the 100 Million Mouths Campaign enhances the training of primary care providers across multiple disciplines.

Population with Any Dental and Medical Visits



7.0 million 6-17
1.1 million <6



- A: Dental only (8.6%)
- B: Medical only (34.4%)
- AB: Dental and Medical (37.1%)
- C: Neither dental nor medical (19.8%)

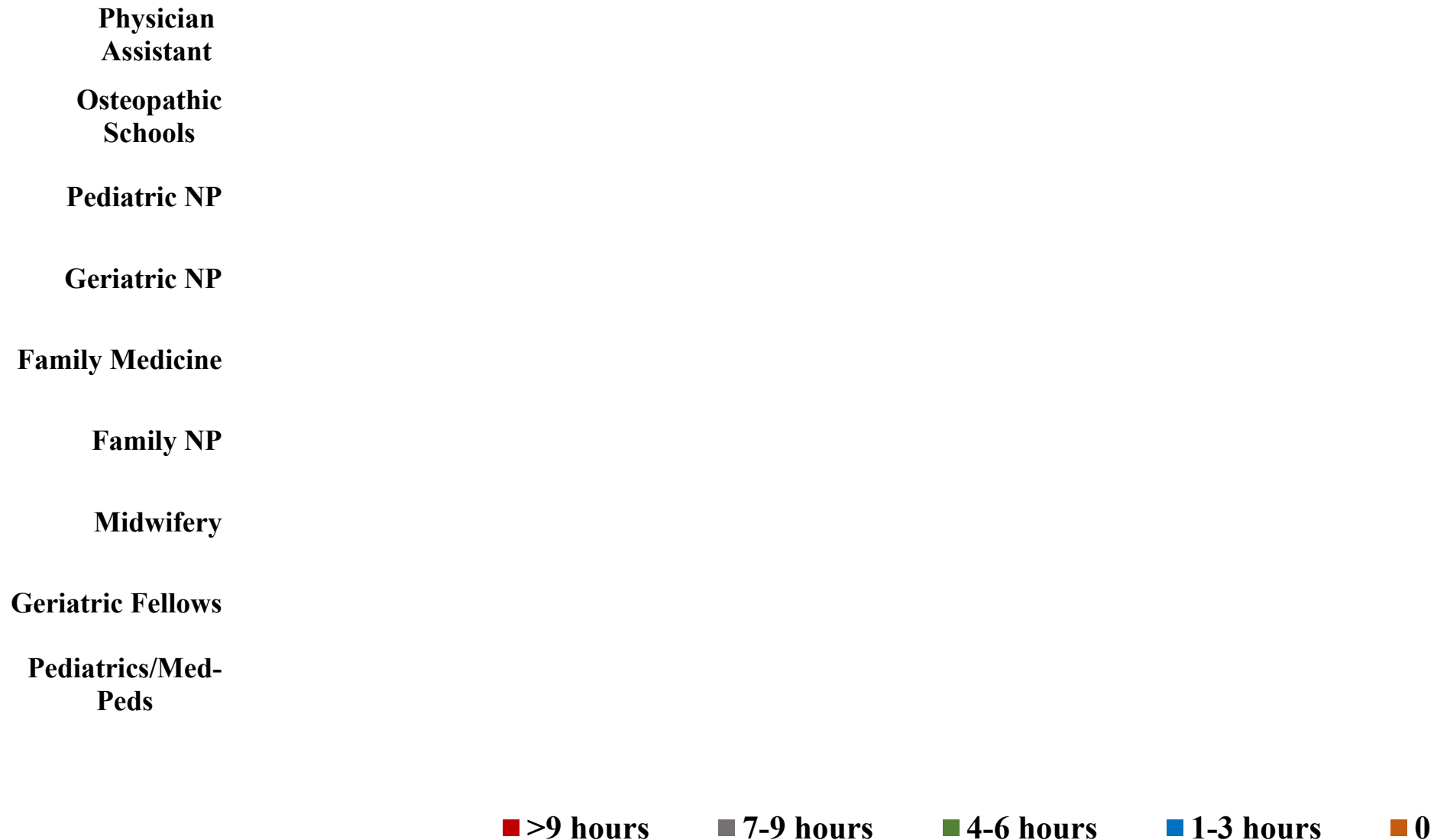
Source: Agency for Healthcare Research and Quality, Center for Financing, Access and Cost Trends, Medical Expenditure Panel Survey, Household Component, **2018**.

100 Million Mouths Campaign (100MMC) – The Beginning

- HRSA-funded Academic Unit of Primary Care Training and Enhancement (AU-PCTE)
- CIPCOH Project Directors:
 - Christine Riedy, PhD, MPH, Harvard School of Dental Medicine
 - Russ Phillips, MD, Harvard Medical School
 - Hugh Silk, MD, MPH, University of Massachusetts Medical School
- Email: cipcoh@hsdm.harvard.edu

Evaluation of oral health integration in
primary care training

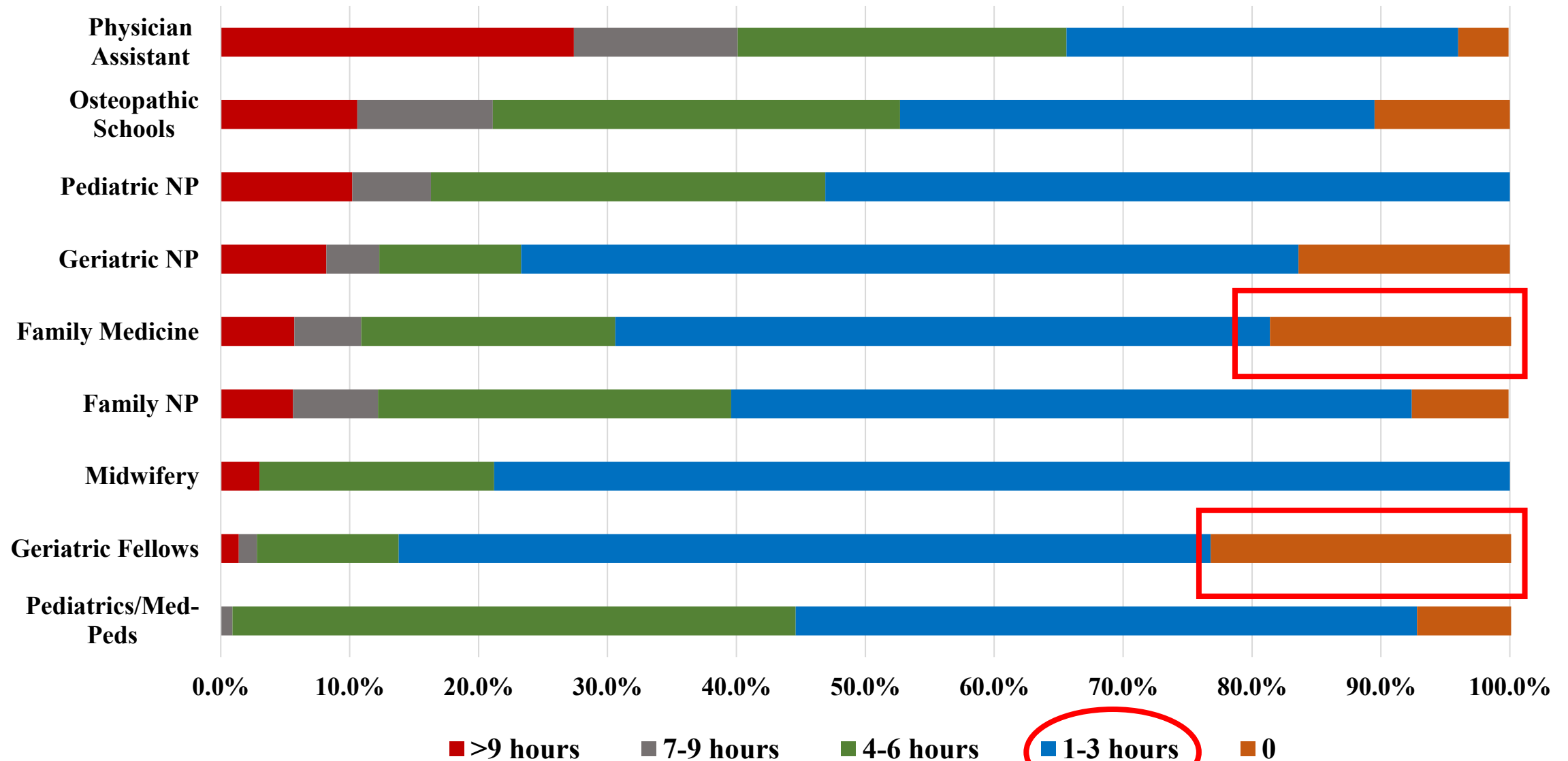
Hours of Oral Health Education



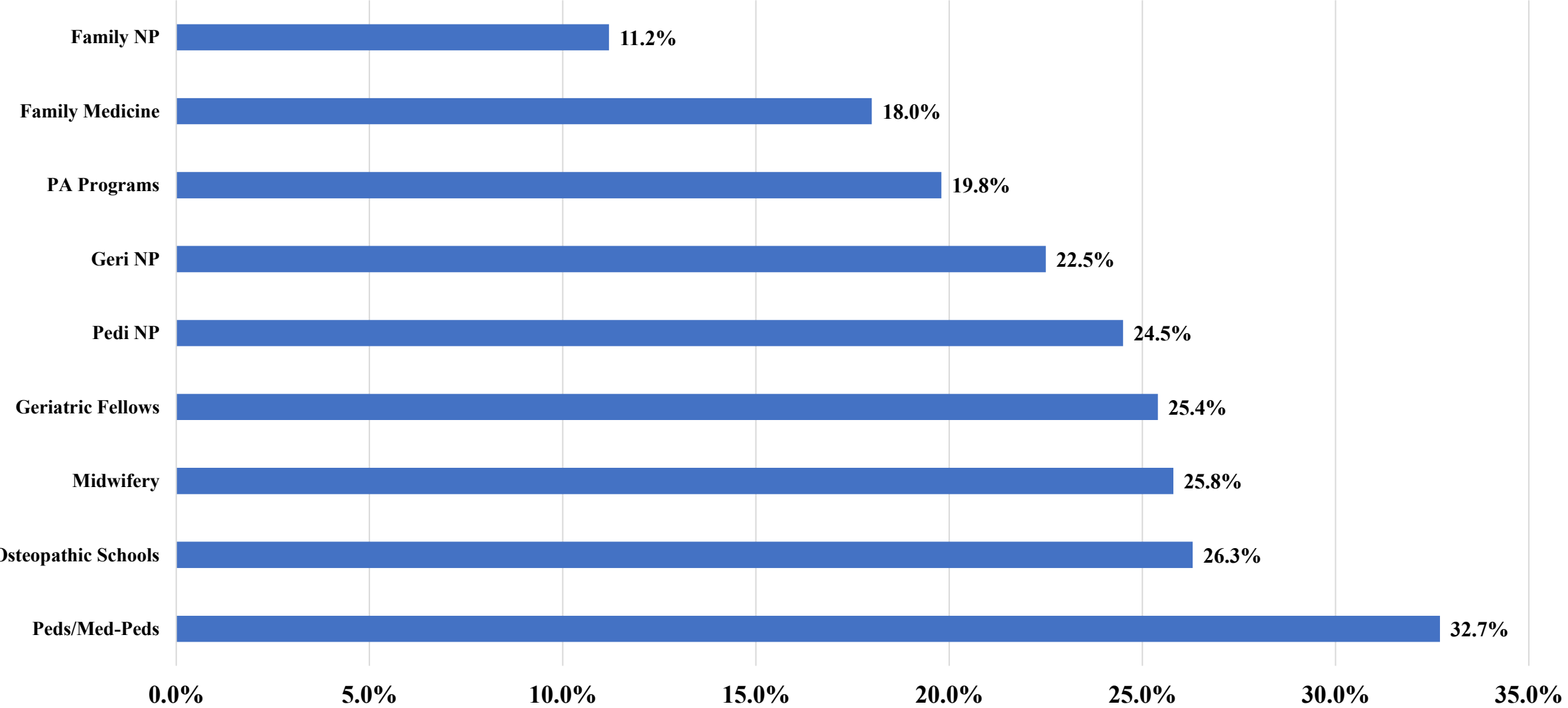
Hours of Oral Health Education

Most disciplines have 1-3 hours of oral health

Geriatric fellowships and family medicine residencies more frequently report 0 hours

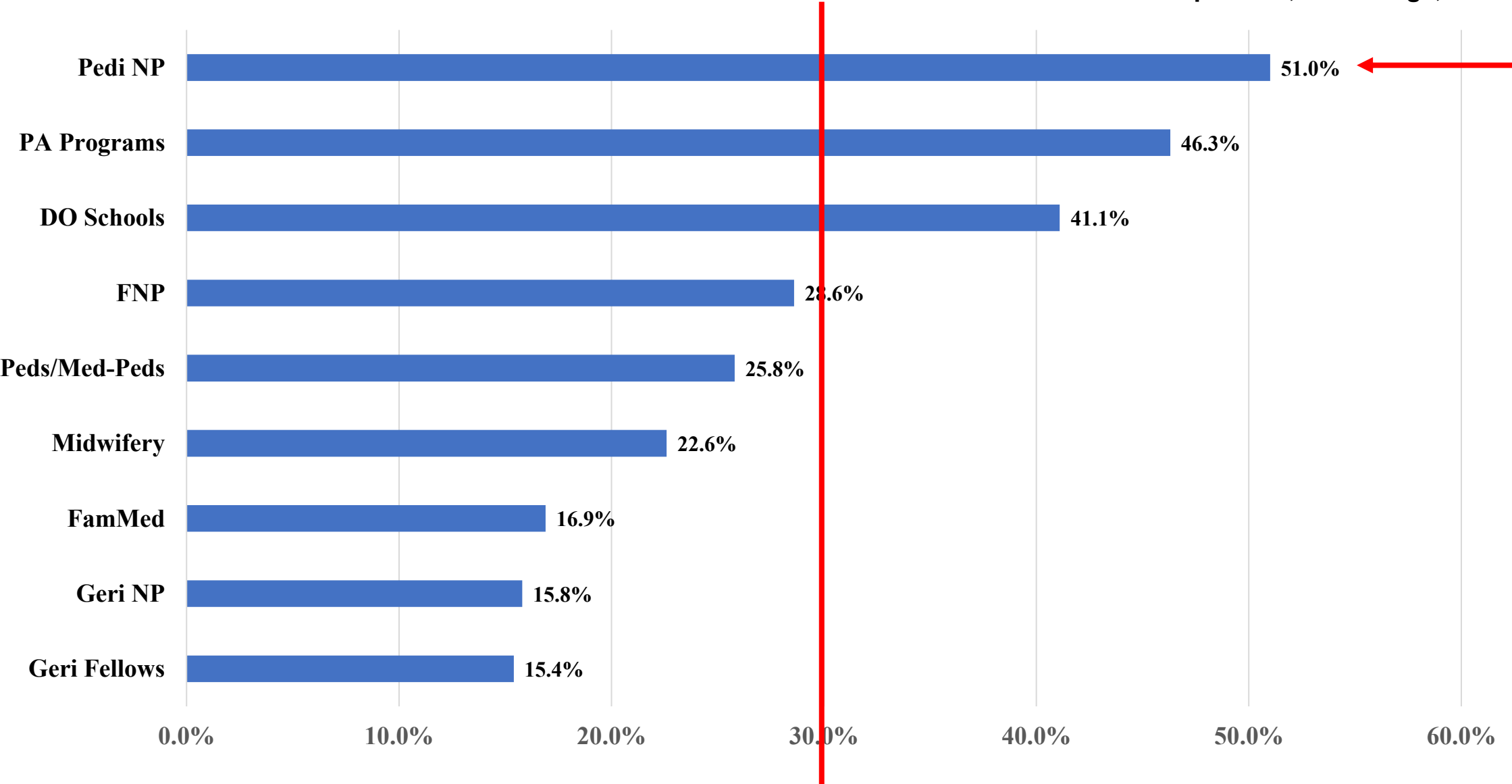


Relationship with a dental school, dental residency or hygiene program



Program Director's Satisfaction with Graduate Competence in Oral Health

Most deans and program directors had satisfaction rates less than 30%, only PNP programs were satisfied with oral health competence, on average, at 50%.



Does your program have a
faculty oral health
champion?



Oral Health Champion

More satisfaction with oral health competence of graduates

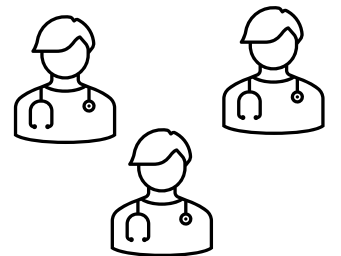
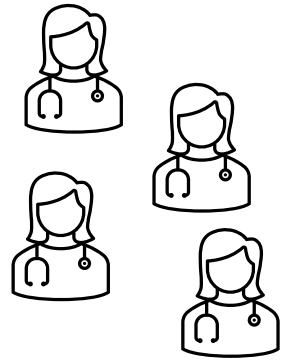
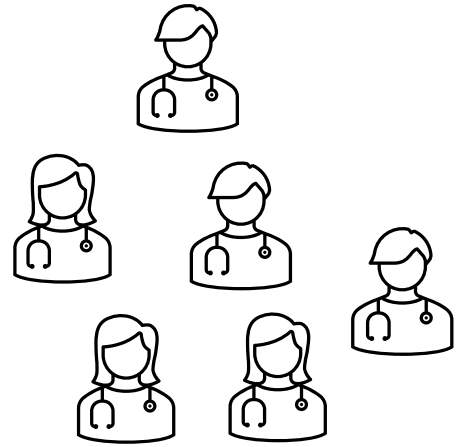
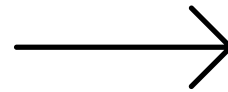
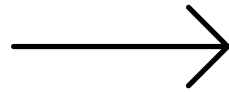
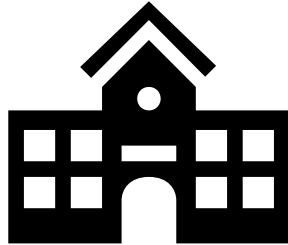
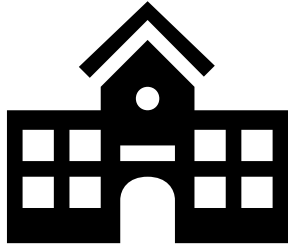
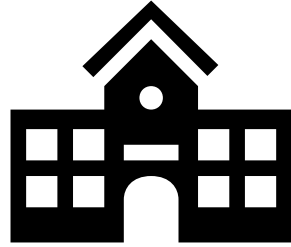
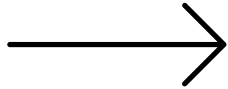
More hours of oral health into their curriculum

Formal relationship between the program and a dental school, residency or hygiene program

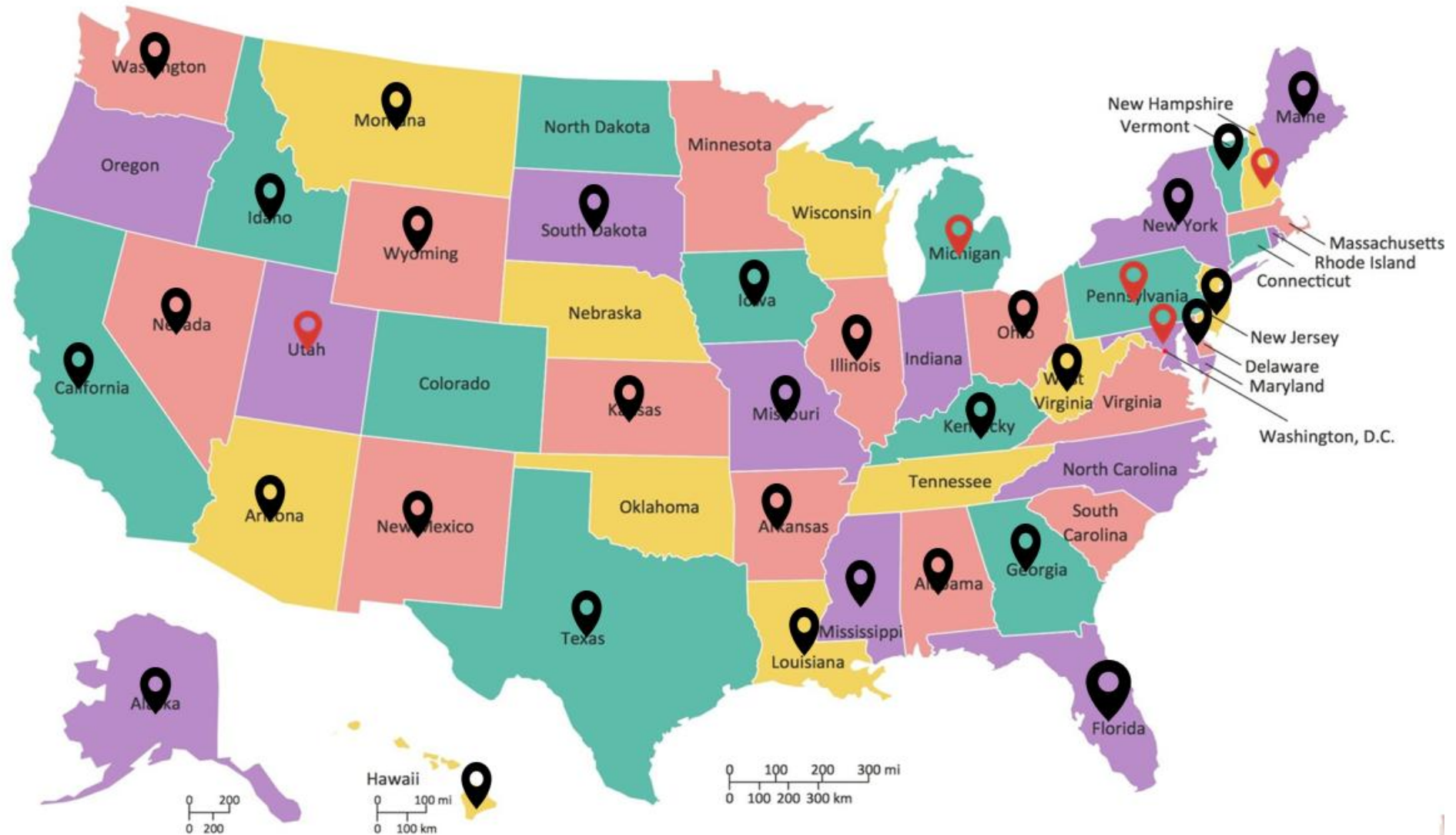


Accrediting Body	Primary Care Discipline	Inclusion of Oral Health Competency
Liaison Committee on Medical Education (LCME)	Predoctoral allopathic medical	No
Commission on Osteopathic College Accreditation (COCA)	Predoctoral osteopathic medical	No
Accreditation Council for Graduate Medical Education (ACGME)	Geriatric medicine	p. 22 section IV.B.1.c Medical Knowledge IV.B.1.c).(1).(b): “... aspects of preventive medicine, including nutrition, oral health, exercise, screening, immunization, and chemoprophylaxis against disease”
	Pediatrics	No
	Family medicine	No
	Obstetrics–gynecology	No
	Internal medicine	No
	Internal medicine–pediatrics	No
Commission on Collegiate Nursing Education (CCNE)	Nurse practitioner	No
Accreditation Commission for Education in Nursing (ACEN)	Nurse practitioner	No

Inclusion of Oral Health Competencies in Accreditation Standards



100 Million Mouth Campaign Champion States (N=35)



Denotes states for champion cohorts '2020 – Present



Denotes states for new champion cohort '2026

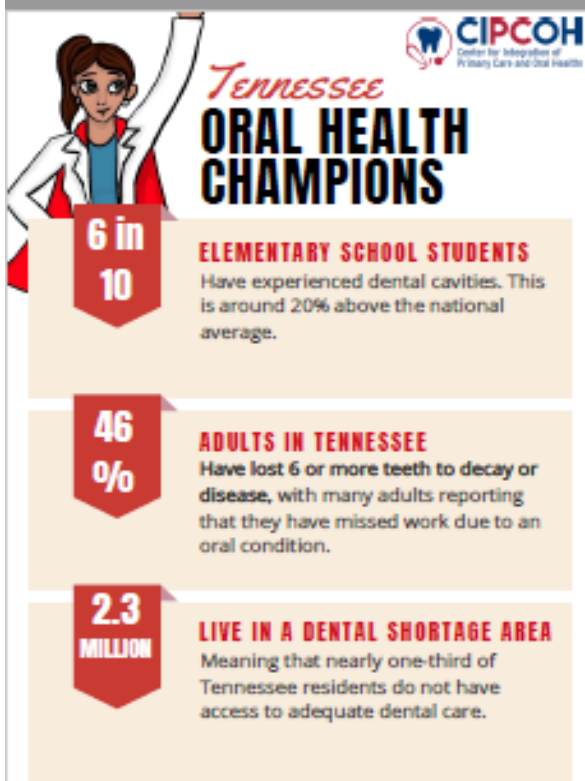
Champion Recruitment and Selection

Recruitment

- Professional networks
- Advisory Board
- Emails to programs and discipline-specific organization

Selection

- Stage in career
- Connection to an academic program
- Prior oral health training and experience
- Perceived promise for success



TENNESSEE ORAL HEALTH CHAMPIONS

6 in 10 **ELEMENTARY SCHOOL STUDENTS**
Have experienced dental cavities. This is around 20% above the national average.

46 % **ADULTS IN TENNESSEE**
Have lost 6 or more teeth to decay or disease, with many adults reporting that they have missed work due to an oral condition.

2.3 MILLION **LIVE IN A DENTAL SHORTAGE AREA**
Meaning that nearly one-third of Tennessee residents do not have access to adequate dental care.

Who We Are:
The Center for Integration of Primary Care and Oral Health (CIPCOH) serves as a national resource for systems-level research on oral health integration into primary care training.

Oral Health Projects:
Tennessee has been chosen to be one of six pilot states for the One Hundred Million Mouths Project, a project which will create fifty oral health champions over the next decade, one in each state, training the champions to work with health profession schools to integrate oral health into their curricula.

Our Goals:

- ✓ **Identify** Oral Health Champions in primary care professions.
- ✓ **Provide** curricular resources to better equip primary care providers to address the diverse oral health challenges of selected states.
- ✓ **Impact** one hundred million mouths nationwide.

Learn more and help us reach one hundred million mouths!
<https://cipcoh.hadm.harvard.edu/one-hundred-million-mouths-project>

Advisory Board Members

American
Academy of
Pediatrics



National *Interprofessional Initiative*
on Oral Health engaging clinicians
eradicating dental disease



ARCORA
Foundation
Bending the Arc of Oral Health Toward Equity

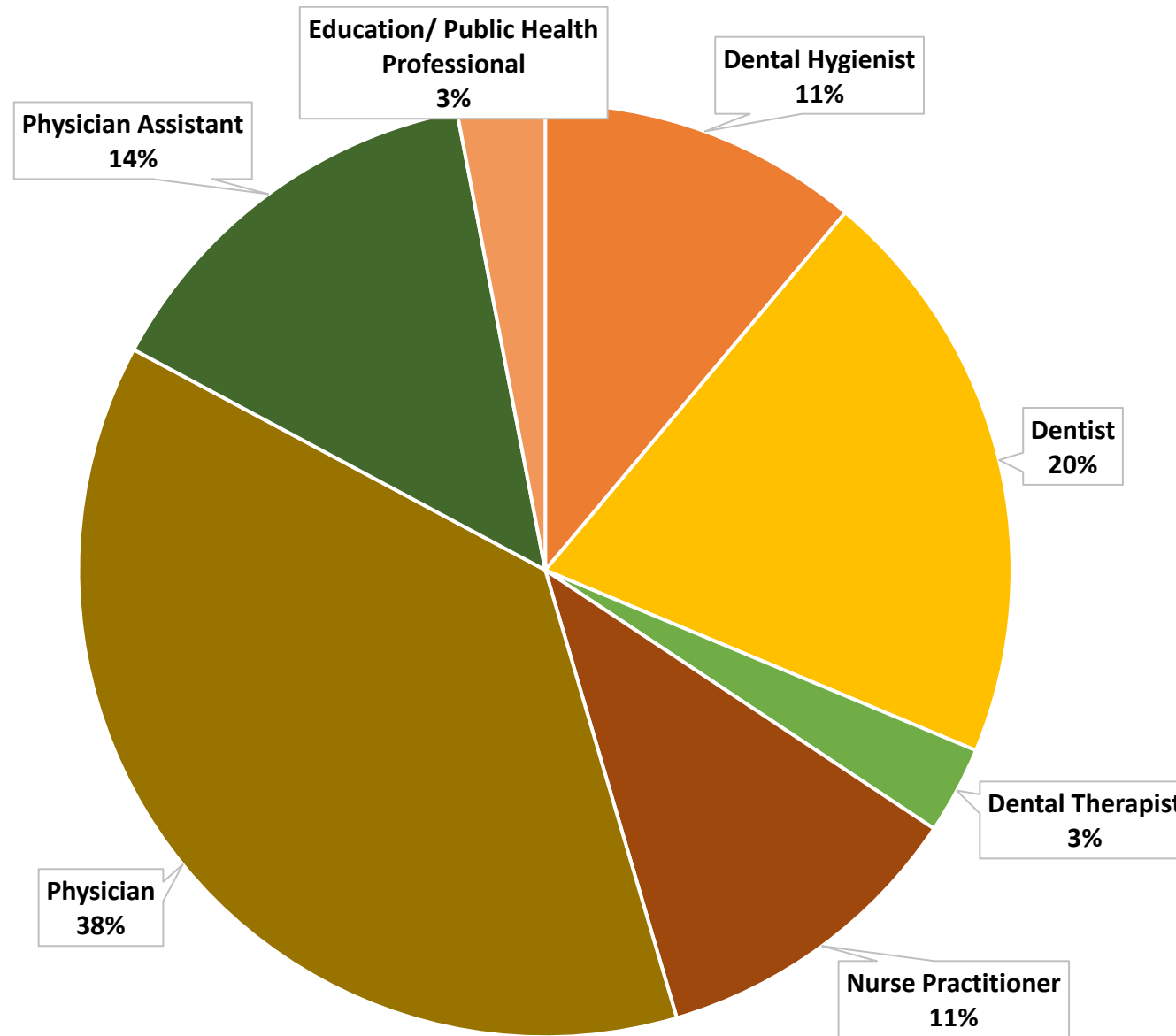


 **DELTA DENTAL®**



CareQuest 
Institute for Oral Health®

Disciplines of Champions



Training and Technical Assistance



Two-day, 3-hour workshops with
new Champions



Monthly/Quarterly meetings with
experienced and new Champions



One-on-one assistance to all
Champions

Two-Day Workshop

**Assessing a primary
care curriculum for
inclusion of oral
health content**

**Identifying relevant
schools and programs
for oral health
integration**

**Making a compelling
case for integrating
oral health into a
primary care training
program**

**Framing oral health
integration using a
health equity lens**

**Identifying key
stakeholders-both
locally and nationally-
who can support
integration efforts**

**Implementing a
sustainable approach
to oral health
integration within a
curriculum**

**Knowing where to find
resources for
integrating oral health
into primary care
programs**

Two-Day Workshop Curriculum

Day 1

- Introduction to CIPCOH and the 100 MMC Program
- Outlining expectations
- Making the case for oral health
- Resources for oral health teaching and sustainability
- How to assess an oral health curriculum (OHCET tool)
- Working with state resources

Day 2

- Recap / Highlights from Session 1
- Identifying schools and programs in your state
- Introduction to RedCap for Data Collection
- Implementing evaluation in the 100 MMC
- Case studies in changing oral health curriculum
- Using an equity lens to include oral health in your curriculum

Being a Champion

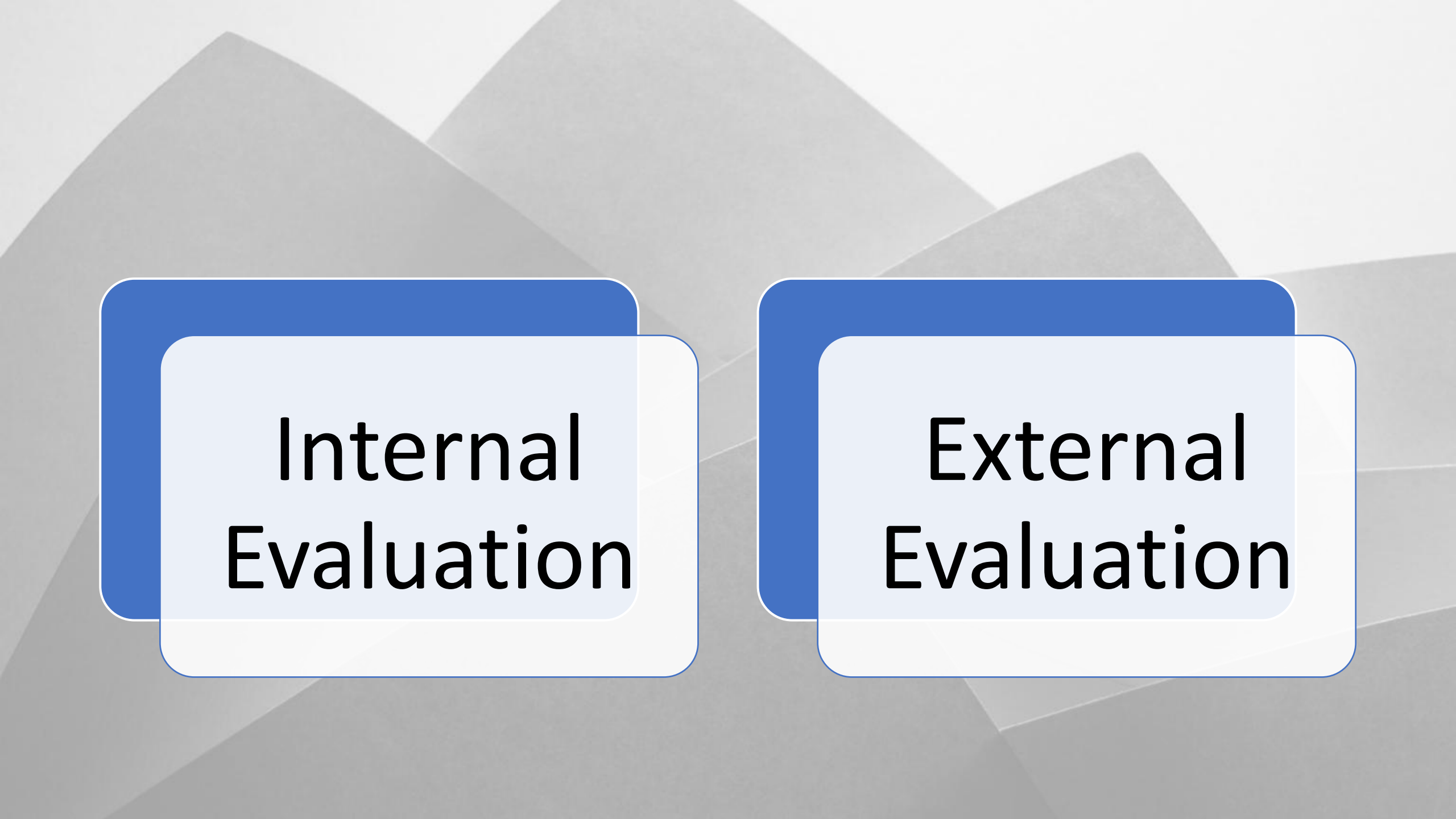
Engage with
primary care
training programs
in the state

Ensure
sustainability of the
curriculum

Include learner
evaluations

Ensure inclusion of
health equity

Is this working?



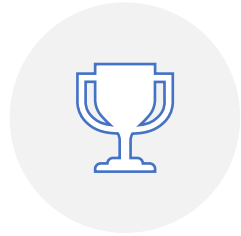
**Internal
Evaluation**

**External
Evaluation**

Internal Evaluation



NUMBER OF
APPLICATIONS
RECEIVED



NUMBER OF
CHAMPIONS
RECRUITED



ASSESSING 2-DAY
TRAINING
WORKSHOP



YEAR-END SURVEYS



COLLABORATIONS
TO ENSURE
SUSTAINABILITY

Assessing 2 Day Training workshop

Question	Pre-Training Score, Mean	Post-Training Score, Mean
Assessing a primary care curriculum for inclusion of oral health content	3.57	4.13
Identifying relevant schools and programs for oral health integration	3.57	4.25
Making a compelling case for integrating oral health into a primary care training program	3.57	4.38
Framing oral health integration using a health equity lens	3.67	4.38
Identifying key stakeholders-both locally and nationally-who can support integration efforts	2.86	3.88
Knowing where to find resources for integrating oral health into primary care programs	3	4.13
Implementing a sustainable approach to oral health integration within a curriculum	2.86	4

*Sessions are rated on a scale of 1-5, where 1= very low and 5= very high

Year End Survey

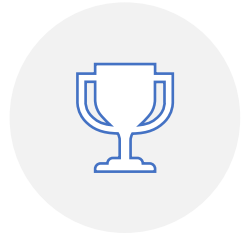
Question	Mean Rating (N=17)
Overall Experience of Being a 100MMC Champion	4.1
Helpfulness of Individual Mentor Meetings	4.4
Helpfulness of Group Meetings	3.6

*Rated on a scale of 1-5

Internal Evaluation



NUMBER OF
APPLICATIONS
RECEIVED



NUMBER OF
CHAMPIONS
RECRUITED



ASSESSING 2-DAY
TRAINING
WORKSHOP



YEAR-END SURVEYS



COLLABORATIONS
TO ENSURE
SUSTAINABILITY

Collaborations to Ensure Sustainability

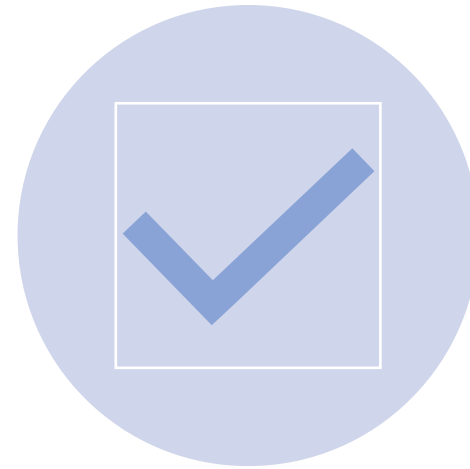
- Delta Dental Community Care Foundation
- Colgate-Palmolive Company
- Arcora Foundation
- Arkansas Children's Foundation
- Delta Dental of Arizona Foundation
- Delta Dental Foundation of Michigan, Ohio, and Indiana
- Delta Dental of Idaho
- Delta Dental Illinois Foundation
- Delta Dental of Iowa Foundation
- Delta Dental of Kentucky
- Delta Dental of South Dakota Foundation
- Horizon Blue Cross Blue Shield of New Jersey
- Northeast Delta Dental Foundation



External Evaluation



STATE-LEVEL EVALUATION



PROGRAM-LEVEL
EVALUATION

State-level Evaluation

Goals for your statewide effort

Health equity goals for your statewide effort

Recruitment sources

Development of projects

Dissemination

Collaborations

Successes and challenges

Program-level Evaluation

Number and details of programs engaged

Goals for the training program (Health equity and sustainability)

OHCET score (Score quantifies the inclusion of oral health into the training program)

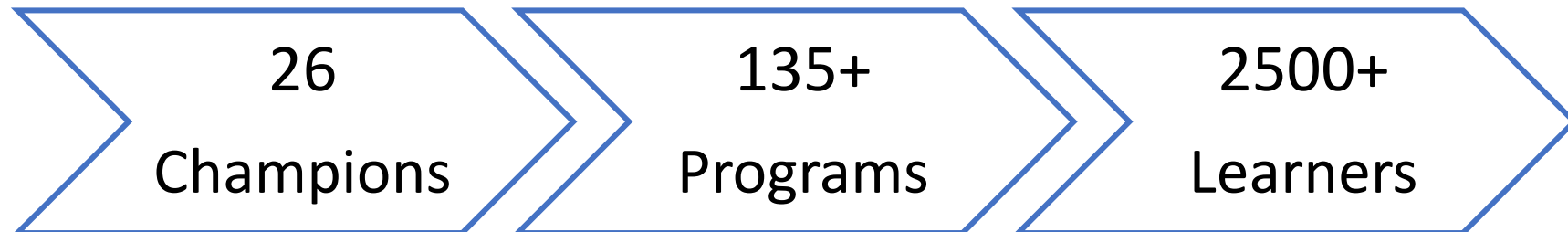
Metrics around health equity and sustainability

Learner details

Engagement with Primary Care Programs and Learners Trained in Oral Health*

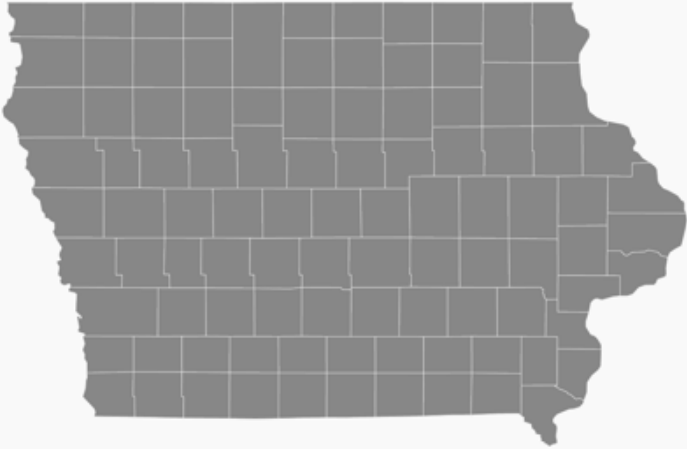


Engagement with Primary Care Programs and Learners Trained in the Application of Fluoride Application**



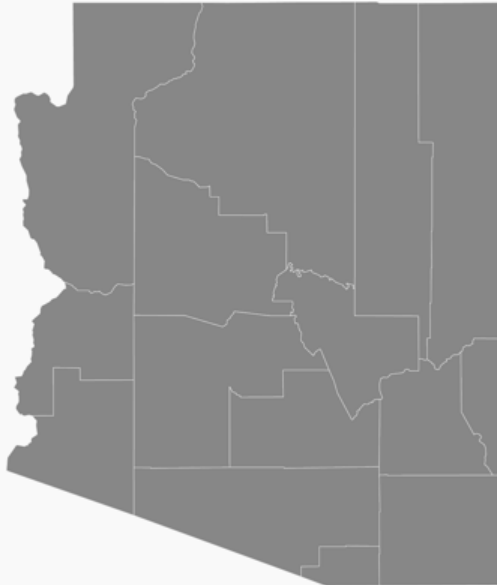
*2025 Data
**2024 Data

What does the Impact look like?



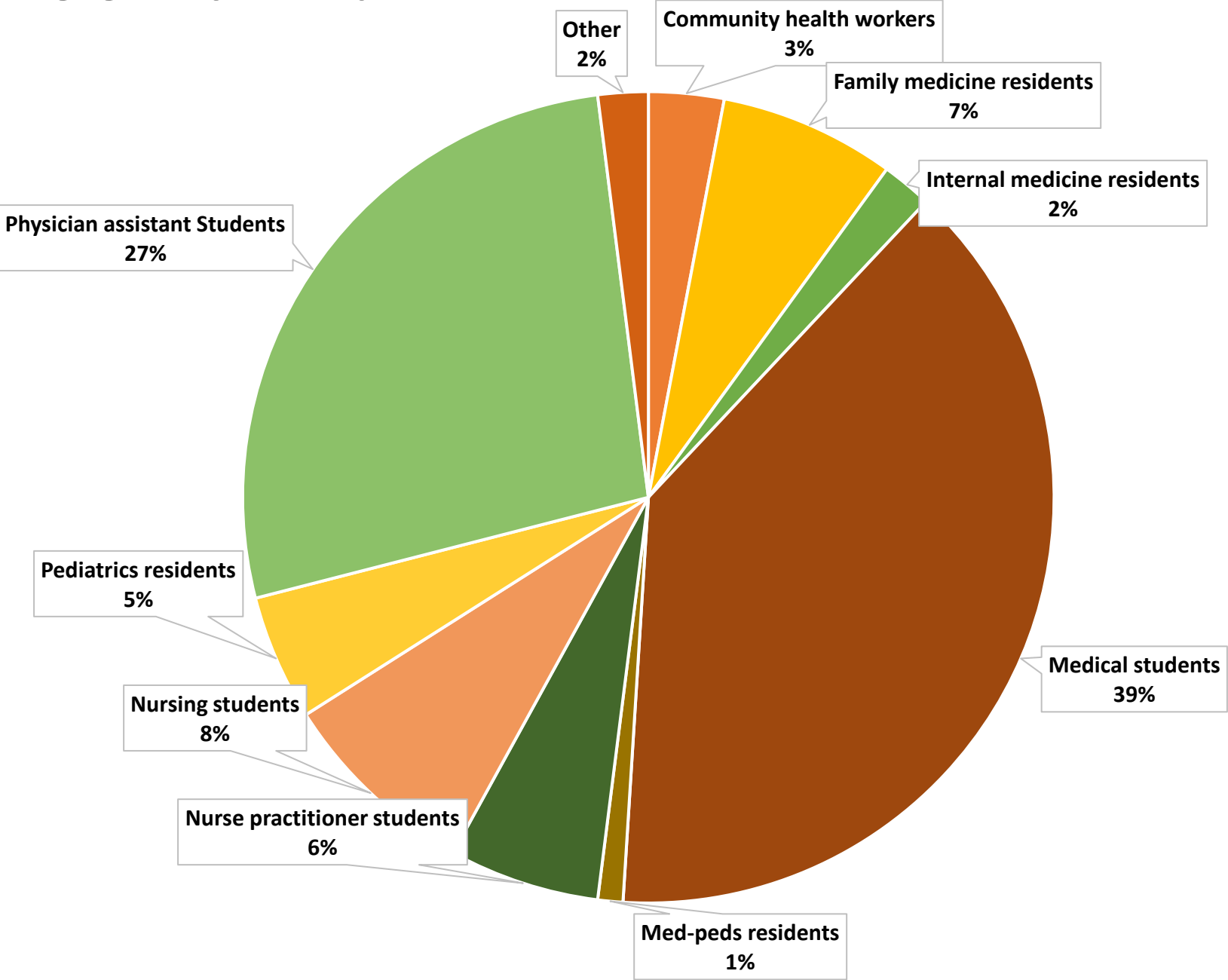
38% of the Family Medicine
Residency programs
engaged by the Iowa
Champion

50% of Pediatric Residency
programs engaged by the
Iowa Champion

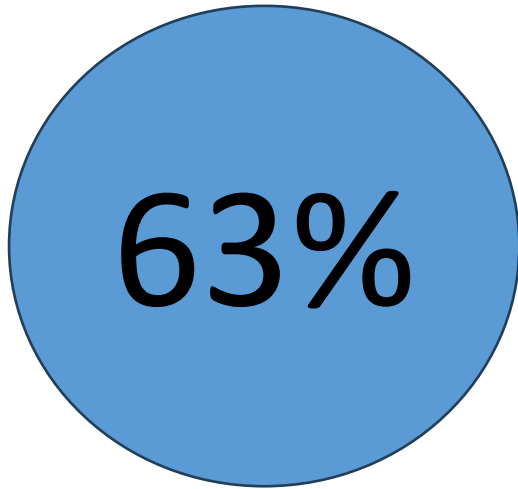


3 out of 6 (50%)
Medical/Osteopathic
Schools engaged by the
Arizona Champion

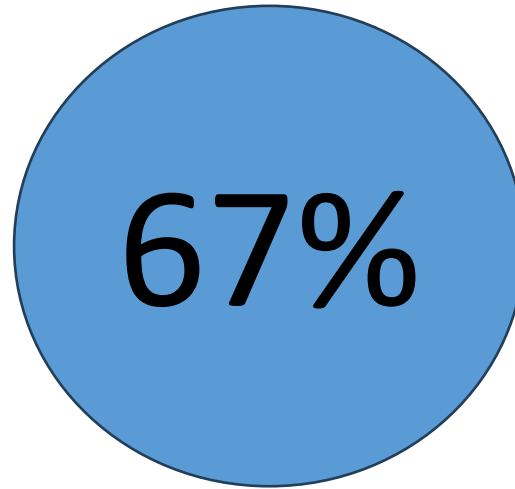
Disciplines Engaged by Champions, 2020-2025



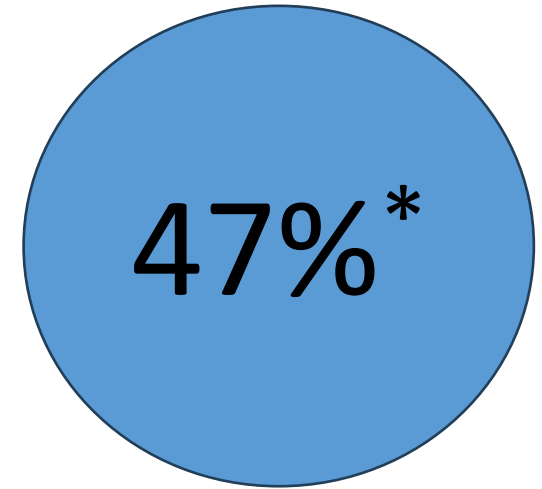
Sustainability and Learner Evaluation



Programs will continue with the inclusion of oral health curriculum even if the Champion left (among engaged programs)

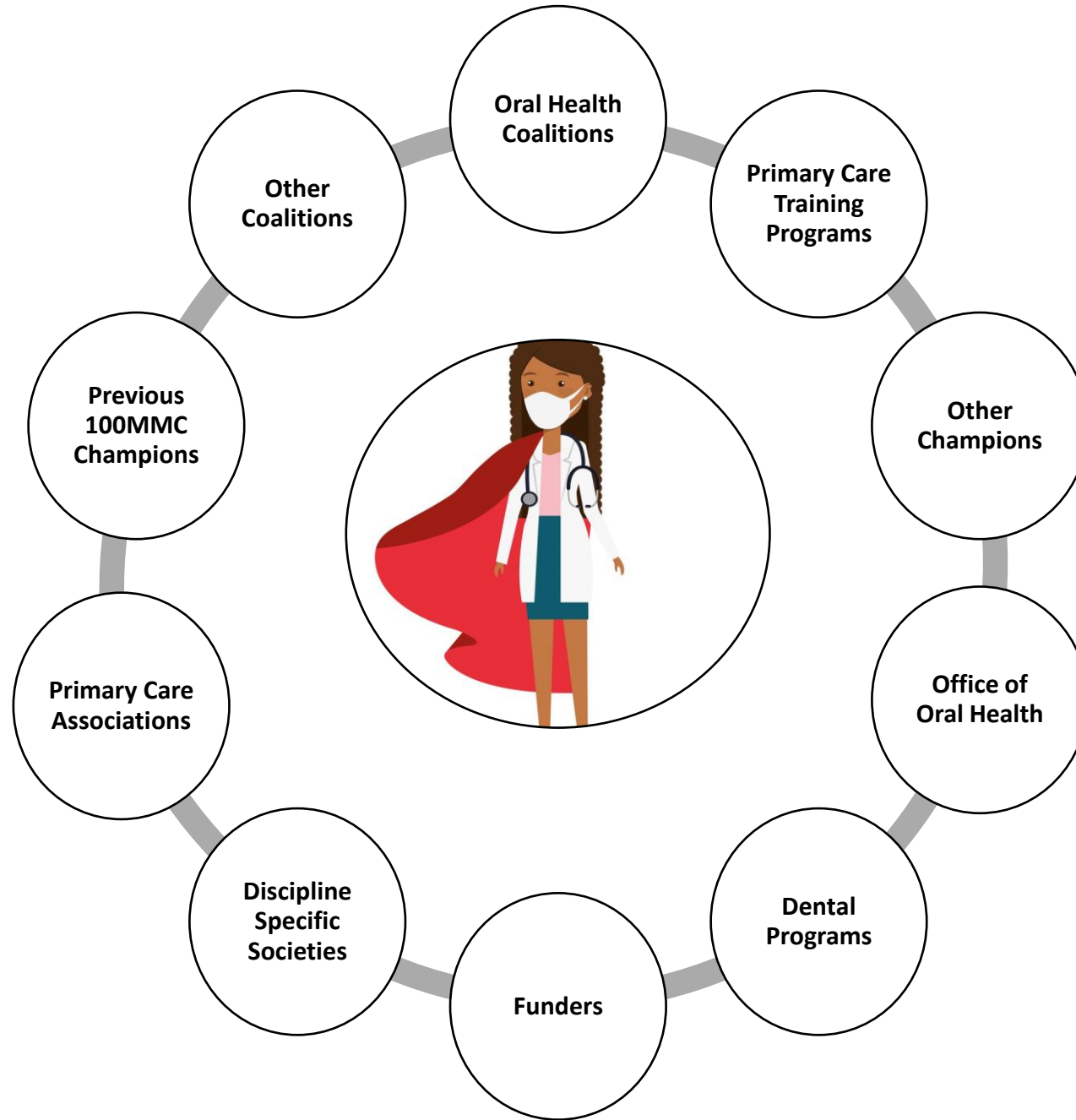


Faculty in addition to Champion involved in oral health instruction in the program



Programs evaluate learners on oral health topics*

Collaborative Champion Efforts

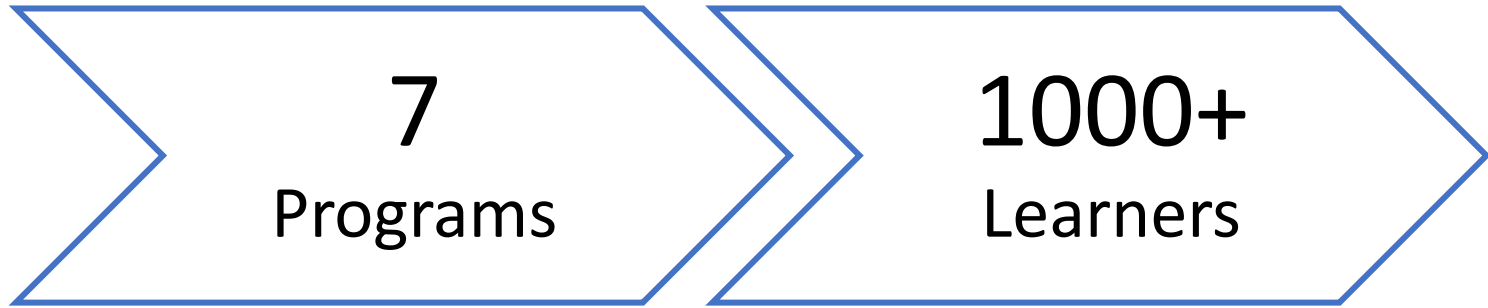


The Missouri Story, 2020- Present

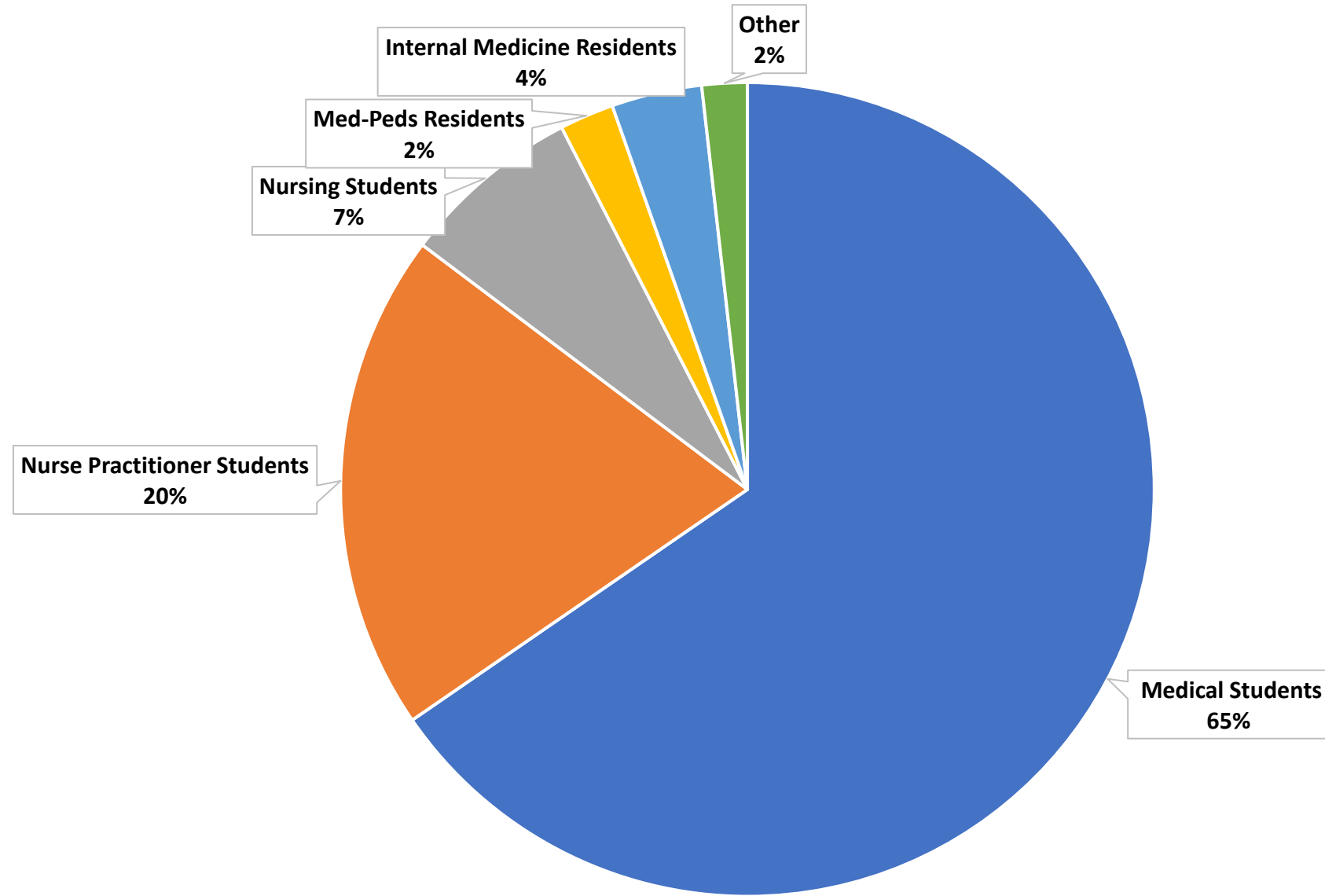


- One of the 6 states in 2020
- Dr. Melanie Simmer-Beck was the first Champion
- Currently working with Missouri Office of Dental Health

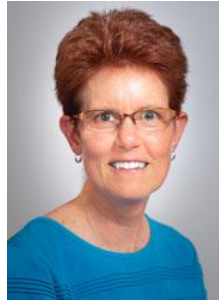
The Missouri Story, 2020-2023



The Missouri Story, 2020-2023



Acknowledgements



Acknowledgements



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Scott Hebert, MS



Sandra Girouard

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- Arcora Foundation
- Arkansas Children's Foundation
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- Delta Dental Foundation of Michigan, Ohio, and Indiana
- Delta Dental of Idaho
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- Delta Dental of Iowa Foundation
- Delta Dental of Kentucky
- Delta Dental of South Dakota Foundation
- Horizon Blue Cross Blue Shield of New Jersey
- Northeast Delta Dental Foundation

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100 Million Mouths Campaign: Creating a Pilot Program to Advance Oral Health Equity

[Shenam Ticku](#)^{1,✉}, [Judith A Savageau](#)², [Christine A Riedy](#)¹, [Robin A Harvan](#)³, [Hugh Silk](#)^{1,2}

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