



FROM THE FIRST TOOTH

HEALTHY SMILES FOR LIFE



ANNUAL REPORT

... 2018 ...

FUNDED BY

THE

SADIE AND HARRY DAVIS
FOUNDATION

DentaQuest
FOUNDATION

 **DELTA DENTAL®**

NORTHEAST DELTA DENTAL

From the First Tooth is led and administered by
MaineHealth and implemented in partnership with
MaineGeneral Health and other partners.

10 YEARS OF CREATING STRONGER SMILES

Launched statewide in 2009, From the First Tooth (FTFT) marks its 10th Anniversary this year. In the decade since our founding, we've grown to become a source of oral health education, clinical training and support to integrate oral health assessments and fluoride varnish into primary care settings, where most young children receive regular preventive care.

The work of children's oral health is taking on a new shape in Maine. FTFT, an initiative led by MaineHealth and funded by the Sadie and Harry Davis Foundation, has been working closely with Maine pediatric and family medicine practices for the past 10 years. As part of a natural evolution, FTFT has joined other partners to build a broader effort to address the challenges of children's oral health under the umbrella of the newly-formed Partnership for Children's Oral Health (the Partnership). The Sadie and Harry Davis Foundation has committed multiyear operational funding to launch and develop the backbone support organization for the Partnership and to seed-fund implementation strategies.

In this report we celebrate the progress the FTFT initiative has made in preventing Early Childhood Caries one smile at a time, powerful lessons we have learned, and the journey ahead as we work toward our vision for the future.

10 YEARS OF CREATING STRONGER SMILES

Huge shout out to our Advisory Committee — we would like to thank the From the First Tooth Advisory Committee members for their time over the last ten years. This group has thoughtfully led, guided and supported From the First Tooth from the beginning. In November 2018, the committee held its last meeting and many have transitioned to support the larger efforts of the Partnership for Children’s Oral Health. Each individual has been extremely supportive of the work that we do, has a vested interest, and a passion for our children’s oral health in Maine. We could not successfully serve and engage in our mission if we did not have the leadership of our Advisory Committee — thank you!

TIMELINE

PHASE I

PILOT

WHEN

2007 to 2009

WHO

Sadie and Harry Davis Foundation

WHERE

6 organizations — 17 sites

TARGET

Children birth to 4 years

FUNDING SOURCE

SHDF

PHASE 2

STATEWIDE PEDIATRIC ORAL HEALTH IMPLEMENTATION

WHEN

2009 to Present

WHO

MaineHealth, in partnership with MaineGeneral and Eastern Maine Healthcare Systems for state-wide impact

TARGET

Children birth to 6 years

FUNDING SOURCE

SHDF, DentaQuest, NEDD



Kelley Bowden



Susan Cote



Barbara Crowley



Deb Deatrick



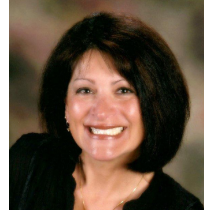
Evie deFrees



Judy Feinstein



Andrew Klingenstein



Demi Kouzounas



Becca Matusovich



Steve Mills



Ginger Roberts-Scott



Sharon Rosen

PHASE 3

PERINATAL ORAL HEALTH INITIATIVE

WHEN

2015 to Present

WHO

MaineHealth in partnership with MaineGeneral

WHAT

Oral health for perinatal women

TARGET

Perinatal women

FUNDING SOURCE

HRSA

PHASE 4

THE PARTNERSHIP FOR CHILDREN'S ORAL HEALTH

WHEN

2018 to Present

WHO

The Partnership and MaineHealth

WHAT

Before the First Tooth and From the First Tooth Oral Health Initiatives combine forces with the Partnership

TARGET

Systematic approach of FTFT and BTFT

FUNDING SOURCE

SHDF

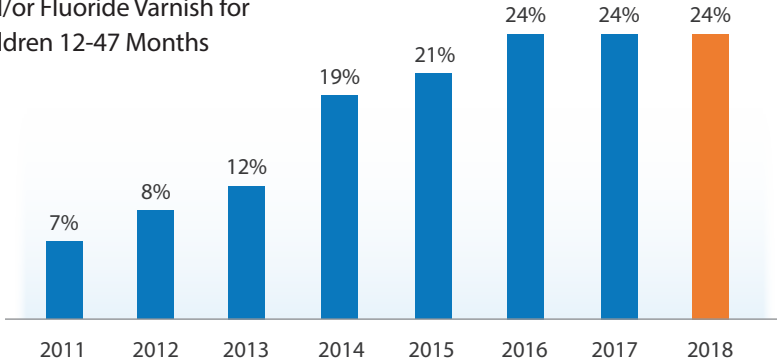
This report does not reflect prenatal oral health programmatic activity.

ACCOMPLISHMENTS

WELL CHILD VISITS — MAINECARE

Definition: Percent of well child visits with an oral evaluation and/or fluoride varnish for children ages 12-47 months. The percentage of well child visits with an oral evaluation and/or fluoride varnish increased from 7% in 2011 to 24% in 2018.

Percent of Well Child Visits With an Oral Evaluation and/or Fluoride Varnish for Children 12-47 Months

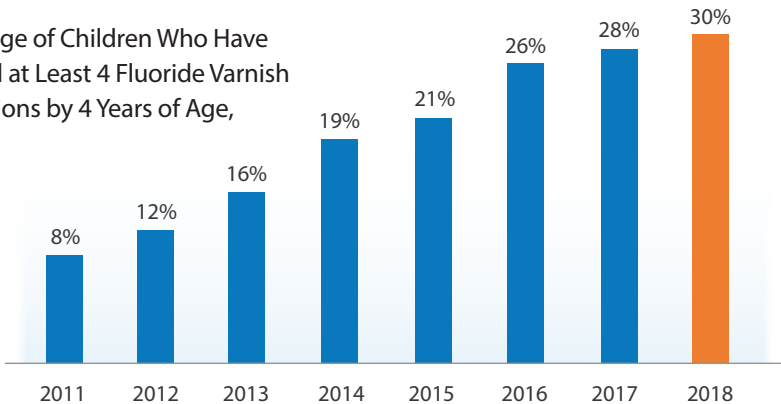


Data Source: MaineCare claims data from the University of Southern Maine Muskie School

4 BY 4 — MAINECARE

Definition: Percent of children who received at least four fluoride varnish applications by four years of age. The percentage of children who received at least four fluoride applications in any setting increased from 8% in 2011 to 30% in 2018.

Percentage of Children Who Have Received at Least 4 Fluoride Varnish Applications by 4 Years of Age, By Year

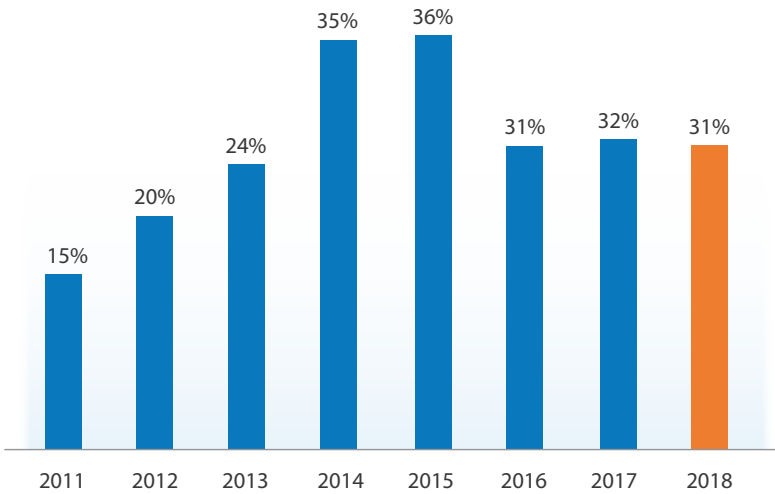


Data Source: MaineCare claims data from the University of Southern Maine Muskie School

CHILDREN REACHED BY FTFT — MAINECARE

Definition: Percent of children ages 12-23 months with at least one well child visit in a calendar year who have received at least one oral evaluation and/or fluoride varnish in their primary medical care settings. The percentage of children ages 12-23 months with at least one well child visit in a calendar year who have received at least one oral evaluation and/or fluoride varnish increased from 15% in 2011 to 36% in 2015 but declined to 31% in 2018.

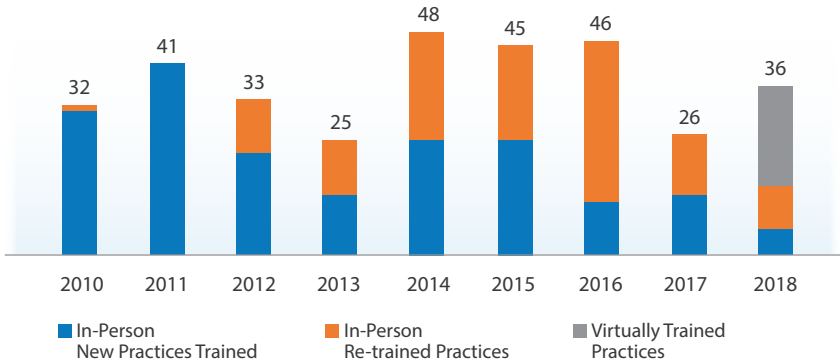
Percent of Children Reached by FTFT with at Least One Well Child Visit in the Measurement Year, By Year, Ages 12-23 Months



Data Source: MaineCare claims data from the University of Southern Maine Muskie School

ACCOMPLISHMENTS

From the First Tooth Trainings
2010–2018



- Published article in the American Association of Public Health Dentistry highlighting the impact of training primary care practices and providers on the oral health status of young children. The article revealed that Maine had the greatest percentage of dental services from non-dental providers among six New England states.
- Launched the FTFT Clinical Virtual Training Module
- Developed Pediatric Referral Guidelines to improve communication across the medical neighborhood through standardization of pediatric specialty referrals. Two guidelines were developed focusing on dental trauma and dental caries for both primary and permanent teeth.

A special thank you to the following organizations and advisors for supportive partnerships and collaborations over the last ten years:



HEALTHY SMILES CHALLENGE — GOING THE EXTRA SMILE

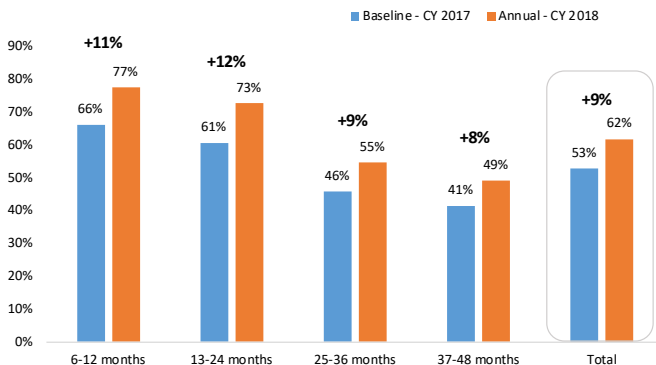
Healthy Smiles 2020 — Going the Extra Smile is a statewide clinically-based challenge and recognition program developed by Maine’s From the First Tooth Initiative. The challenge was designed to engage with primary care practices to integrate a critical evidence-based practice into clinical settings in order to improve public health and the quality of children’s health care. This challenge aims to increase the fluoride varnish application rate by 10% each year, starting with a CY 2017 baseline of 30%; the goal being that by 2020 the fluoride varnish rate exceeds 60%.

Metric: Percent of patients ages 6-48 months, with teeth, in CY 2018 with at least one documented fluoride varnish application in the measurement period, applied in the office or recorded as completed outside of the medical home.

CY 2018 marks the Challenge’s inaugural year, and has proven great success! The metric goal in 2018 was 40%, which participating practices collectively exceeded with a 62% average rate.

Additionally, the rate of fluoride varnish applications as compared to CY 2017 baseline data increased by over 9%!!

CY 2018 Rate of Fluoride Varnish Applications By Age



HEALTHY SMILES 2020

Going the Extra Smile



RECOGNITION LEVEL

BRONZE TOOTH



SILVER TOOTH



GOLD TOOTH



| | BRONZE TOOTH | SILVER TOOTH | GOLD TOOTH |
|--|--------------|--------------|------------|
| Display the From the First Tooth "Baby Teeth Matter" Poster in waiting rooms | ✓ | ✓ | ✓ |
| Provide From the First Tooth (FTFT) patient education materials | ✓ | ✓ | ✓ |
| Designated practice FTFT champion | ✓ | ✓ | ✓ |
| Submitted baseline and bi-annual data | ✓ | ✓ | ✓ |
| Practices have been trained the past 3 years in the From the First Tooth in person or virtual training in fluoride varnish application | | ✓ | ✓ |
| Practices have a system in place to ensure delivery to all children in the practice receiving fluoride varnish (established workflow) | | ✓ | ✓ |
| Met baseline and submitted bi-annual data | | ✓ | ✓ |
| Practice has built metrics into their EHR to guide quality improvement and measure performance | | | ✓ |
| Exceeded annual metric challenge goal | | | ✓ |
| Practices document dental home within the EHR | | | ✓ |
| Practices have a standard clinical workflow in place | | | ✓ |
| Toot your own horn — willing to be involved in one mentor call with another pediatric practice in coordination with FTFT — virtually | | | ✓ |

HEALTHY SMILES CHALLENGE RECOGNITION

Participating practices have shown commitment, perseverance and dedication to increasing access of preventative dental services for young pediatric patients! FTFT staff have met with participating practices, congratulating them on the achievement, and are working closely with each practice to improve their measures. Staff are hosting coaching calls with Bronze Status offices to assist them with their specific needs and have a Gold Status practice offer advice and strategies so that they may improve their process and increase the percentage of children receiving fluoride varnish.



CONGRATULATIONS TO
OUR GOLD PRACTICES



Maine Medical Partners
Westbrook Pediatrics



Southern Maine Health Care
Biddeford Pediatrics



Waterville Pediatrics

PRACTICE 2018
RECOGNITION AWARDS



IMPACT HIGHLIGHTS

PRESENTATIONS

JUNE 28, 2018, AUGUSTA, ME
MAINE GENERAL MEDICAL CENTER,
PEDIATRIC GRAND ROUNDS

Pediatrics & Perinatal Oral Health

Target Audience: Pediatric Providers and Residents

NOVEMBER 12, 2018, SAN DIEGO, CA
AMERICAN PUBLIC HEALTH ASSOCIATION

Referrals to No Where: Reducing Barriers to Oral Health Access for Pregnant Women in Rural Communities

Target Audience: Public Health Professionals

NOVEMBER 12, 2018, SAN DIEGO, CA
AMERICAN PUBLIC HEALTH ASSOCIATION

Statewide Oral Health Challenge Set to Increase Fluoride Varnish Rates

Target Audience: Public Health Professionals

NOVEMBER 7–8, 2018, NEWRY, ME
NEW ENGLAND RURAL HEALTH ROUND TABLE

Statewide Oral Health Challenge Set to Increase Fluoride Varnish Rates

Target Audience: Public Health Professionals

NOVEMBER 29, 2018, PORTLAND, ME
MAINE MEDICAL CENTER, PEDIATRIC GRAND
ROUNDS

Preventive Oral Health Care Delivery in a Medical Setting

Target Audience: Medical Providers and Residents

WEBINARS CONDUCTED

JANUARY 31, 2018
HEALTHY SMILES CHALLENGE 2020—
GOING THE EXTRA SMILE!

Hosted by Maine Quality Counts and
From the First Tooth — 78 Participants

AUGUST 14, 2018
IMPORTANCE OF AGE ONE DENTAL VISITS,
HOW PEDIATRICIANS AND DENTAL
PROVIDERS CAN WORK TOGETHER!
Hosted by Rachel King DDS, Jeffrey Stone DO,
and Amy Belisle MD — 73 Participants

PUBLICATIONS

APHA ABSTRACT: STATEWIDE ORAL HEALTH
CHALLENGE SET TO INCREASE FLUORIDE
VARNISH RATES

NEW ENGLAND RURAL HEALTH ROUND TABLE:
STATEWIDE ORAL HEALTH CHALLENGE SET TO
INCREASE FLUORIDE VARNISH RATES
AND DENTAL CARIES FOR BOTH PRIMARY
AND PERMANENT TEETH

IMPACT HIGHLIGHTS

PRACTICES TRAINED
IN PERSON IN 2018

15

STAFF TRAINED IN PERSON
IN 2018

78

FACILITIES VIRTUALLY TRAINED
IN 2018

23

STAFF VIRTUALLY
TRAINED IN 2018

80

MATERIALS DISTRIBUTED
IN 2018

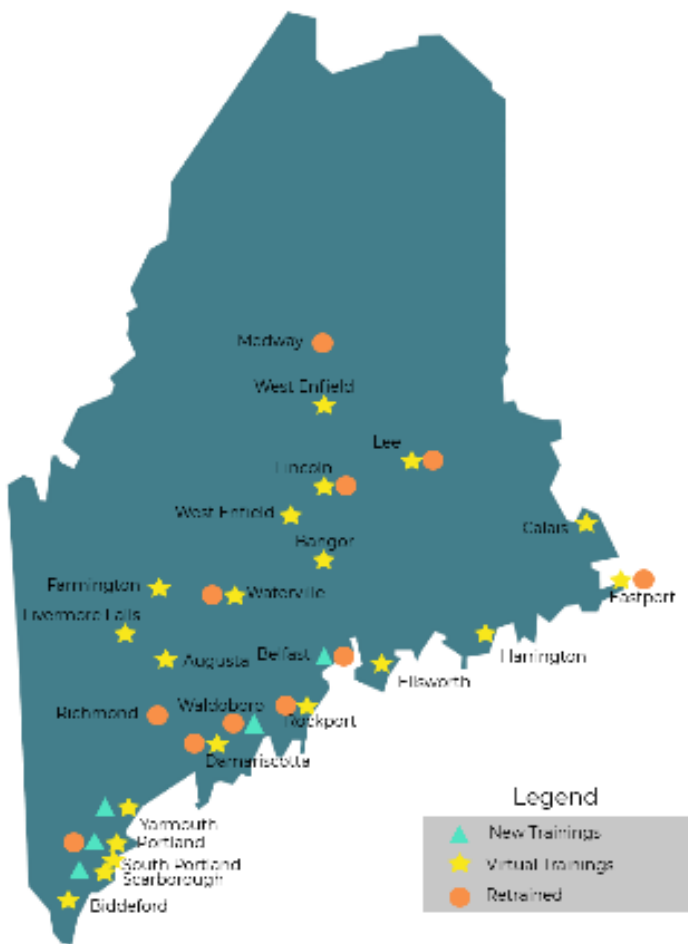
7,364

PEDIATRIC REFERRAL
GUIDELINES VIEWED

116

“I thought that the videos were very educational and the quiz at the end of the module helped to reinforce the information from the video.”

— JWilson Mei, first year medical student, University of New England



STANDARDIZING NEW STAFF TRAINING

From the First Tooth staff work to standardize family medicine and pediatric practice new and current staff trainings during orientation and onboarding. In 2018, the FTFT virtual training module and competency check list were incorporated within the structure of Maine Medical Partners' onboarding process as a mandatory requirement. FTFT staff attended multiple staff skills fair events for an opportunity to engage with 428 staff.

IMPACT HIGHLIGHTS

DINING WITH DENTISTS

A forum to enhance inter-professional communication within medical/dental communities, to introduce clinicians who are treating the local pediatric population. From the First Tooth provides a venue to strengthen professional relationships, facilitate connections and begin to discuss referral processes from medical to dental care within a given community.

October 17, 2018, Augusta, ME

24 dental and medical staff/employees/students attended the meeting. A slide presentation and overview of the Before & From the First Tooth programs were given. Attendees discussed current referral mechanisms between medical and dental providers. All dental providers that attended were very engaged and already scheduling age one visits and accepting MaineCare patients.

“Continuing to network with healthcare providers and dentists will only broaden the demographic and area of patients we can serve.”

—Dining with Dentist Augusta attendee



November 14, 2018, Farmington, ME

12 dental and medical staff members attended. Franklin Pediatrics expressed commitment to developing a closed loop referral system with their community dental practices. Another meeting will be scheduled between Community Dental and Franklin Pediatrics to solidify a protocol and closed loop referral. A suggested referral agreement was created to assist with identification of expectations regarding different provider.

| Community | Date | Medical Staff | Dental Staff | FTFT Staff | Other | Total |
|------------|----------|---------------|--------------|------------|-------|-------|
| Augusta | 10/17/18 | 7 | 15 | 1 | 1 | 24 |
| Farmington | 11/14/18 | 8 | 5 | 3 | 0 | 16 |

“It was helpful to know more about dental resources in our community.”

—Dining with Dentist Franklin County attendee

KEY CONTRIBUTORS

STAFF

MAINE HEALTH

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Audrey Patin, RDH, CHES
Program Manager, From the First Tooth

Julie Carvelli, BA
Program Coordinator, From the
First Tooth

IMPLEMENTATION PARTNERS

MAINEGENERAL HEALTH — ACTIVE PARTNER

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Population Health Management

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Public Health Specialist, Center for
Prevention and Healthy Living

MAINE QUALITY COUNTS

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Senior Medical Director

Kayla Cole, CSP-SM
Project Manager

ADVISORY COMMITTEE MEMBERS

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President, Sadie and Harry
DavisFoundation

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Health Chairperson, From the First Tooth
Advisory Committee

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Deborah Deatruck, MPH
Senior Vice President, MaineHealth

Demi Kouzounas, DMD
General Dentist, Dunstan Dental
Past President, Maine Dental Association

Evelyn deFrees
Executive Director, Sadie and
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Office of MaineCare Services

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Former Director, Maine DHHS,
Oral Health Program

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Pediatric Dentist, Just for Kids
Pediatric Dentistry

Sharon Rosen, PhD
Former Executive Director, Sadie
and Harry Davis Foundation

Kelley Bowden, MMC
Perinatal Outreach
Nurse Educator

CLINICAL ADVISORS

Jennifer Dubail, MD
Pediatrician, Maine Medical Partners
(MMP)

Jeff Stone, DO
AAP Maine Chapter, Oral Health Advocate
Pediatrician, Waterville Pediatrics



“It’s all about prevention — that’s why I got into this field! I have worked with From the First Tooth for ten years; Waterville Pediatrics has successfully integrated oral health assessments and fluoride varnish within our well child visit workflow. I have seen a noticeable decrease in patients with cavities at Waterville Pediatrics and have seen first-hand how effective this intervention is, I am happy to be one of the Clinical Champions for FTFT.”

—Jeffrey Stone, Pediatrician

From the First Tooth is a pediatric oral health initiative promoting the oral health of infants, toddlers and preschool children.



FTFT

MaineHealth

WWW.FROMTHEFIRSTTOOTH.ORG