



## Current Status of Children's Oral Health in Oregon

- Based on the 2007 Oregon Smile Survey, children in grades 1-3:
  - 64% of children have already had at least one cavity.
  - 1 in 5 children have rampant decay – decay in seven or more of their teeth.
  - 35% have untreated decay and are in need of dental treatment.
- When compared to the 2002 Oregon Smile Survey, in 2007 there was a 38% increase in the number of children with decay in their permanent teeth.
- Only 22.6% of Oregon communities have fluoridated water.



## “First Tooth” Project Overview

- Ongoing collaboration with the Oregon Oral Health Coalition’s (OrOHC) Early Childhood Cavities Prevention Committee.
- 3-year workforce development project funded by the Health Resources and Services Administration (HRSA) until August 31, 2012.
- Purpose was to reduce childhood tooth decay in Oregon by increasing the number of medical and dental providers delivering evidence-based preventive oral health services to infants and toddlers under age 3.

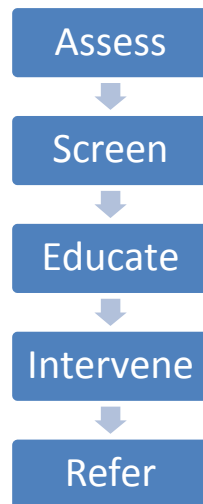


## “First Tooth” Project Goals

- Expand the oral health workforce in Oregon by utilizing medical care providers to deliver early childhood caries prevention services to at-risk children ages birth to three years.
- Develop and launch an online training and resource center.
- Facilitate collaborative referral relationships between dentists and primary medical care providers so that Oregon children have a dental home.



## The Role of the Pediatric Provider



## Project Components

- In-office 1 – 1.5 hours CME/CE training for medical and dental providers
- Oral health education tools
- Anticipatory guidance resources
- Comprehensive resource and training website
- Online training for medical and dental providers
- Continued technical assistance

Office guide to pediatric oral health



Health  
PUBLIC HEALTH  
ORAL HEALTH PROGRAM



A Pediatric Guide to  
Children's Oral Health  
Flip Chart

American Academy of Pediatrics  
ADVANCING THE HEALTH OF ALL CHILDREN

# Educational Posters

### Pregnancy

**Your baby's teeth are long before you see them.**

Children of moms with tooth decay are more likely to develop tooth decay, so it's important for you to have a healthy mouth.

- Brush your teeth twice a day with toothpaste, and floss daily.
- Continue to see a dentist if you are pregnant.
- Eat a healthy diet, rich in calcium.

**Did you know...**  
By keeping your own mouth healthy, you reduce the number of cavity-causing germs that are passed to your baby.

### Babies

**A beautiful smile starts with your baby's teeth.**

The first year of your baby's life is the best time to practice healthy habits you'll use for the rest of their lives.

- Clean your baby's gums after each feeding.
- Begin using a toothbrush with fluoride when the first tooth appears.
- Talk to your baby's doctor about fluoride supplements when you're ready.
- If you put your baby to bed with a bottle, use plain water.
- When your baby begins eating solid foods, choose those without sugar.

**Did you know...**  
Your baby's dentist will be the dentist when the first tooth comes in, no later than age 1.

### Toddlers

**Baby teeth are important.**

Baby teeth do more than help kids chew food. They save space for the adult teeth and they play an important role in speech development and self-esteem. Help keep your child healthy!

- Brush your child's teeth twice a day with fluoride toothpaste, and floss daily.
- Visit the dentist twice a year.
- Talk to your child's doctor or dentist about fluoride supplements.
- Choose fresh fruits, vegetables or whole grain snacks.

**Did you know...**  
Limiting tooth and drink to pleasant meals and snacks helps reduce the risk for tooth decay.

### Toothpaste tips

**How much should my family use?**

### Toothbrush tips

**Choose the right size tool for the job!**

Toothbrushes come designed and sized for every age.

- Choose the right toothbrush for your child's age.
- Choose a toothbrush with soft bristles.
- Replace a toothbrush when the bristles are worn or about every 2 - 3 months.

**Time for a new toothbrush!**

# Example of Provider Tools

Healthy snacks	Treats only at mealtimes	No soda pop
Brush twice daily with fluoride toothpaste	Drink plain water	Regular dental visits for child
Only water in bottle at bed and nap time	Wean from bottle at 12-14 months	2-4 fluoride varnish treatments each year

On a scale of 1-10, how confident are you that you can accomplish this goal?

1 2 3 4 5 6 7 8 9 10  
Not likely Definitely

### Office guide to pediatric oral health

**Children's Health**  
PUBLIC HEALTH  
Oral Health Program

## “First Tooth” Website

[www.healthoregon.org/firsttooth](http://www.healthoregon.org/firsttooth)

- Online Trainings:
  - Launched on September 28, 2012.
  - Interactive:
    - Downloadable resources
    - Links to websites
    - Expanded definitions
  - Evaluation questions are asked throughout the training.



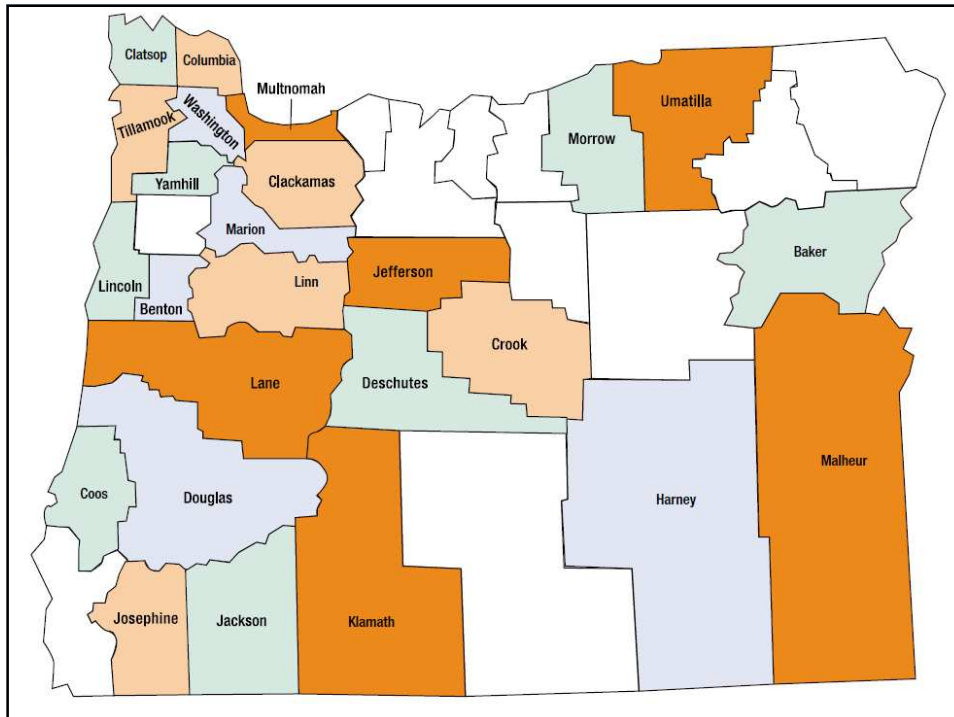
## Anticipated Outcomes

- **Expand the oral health workforce** serving young children by utilizing pediatric medical providers to provide early childhood caries prevention services.
- Assist dental and medical providers to implement **culturally appropriate** early childhood caries prevention services.
- Facilitate **collaboration** between medical and dental providers.
- Increase utilization of dental services by young children in Oregon and establish a “**Dental Home**” by age one.
- **Reduce early childhood caries** in Oregon.

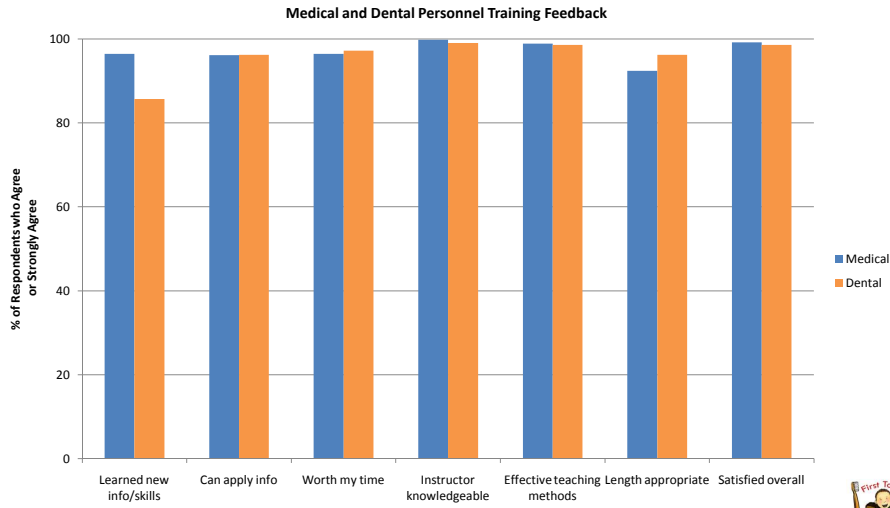


# In-Person Training Statistics

- 102 in-person trainings:
  - 64 medical
  - 24 dental
  - 14 combined medical/dental
- 149 different sites have been trained.
- 1,424 participants have been trained:
  - 991 medical personnel
  - 433 dental personnel



# Training Feedback



# Evaluation Outcome Measures

Outcome Measure	Data Point	2010 Data	2011 Data*
Fluoride varnish applications by a medical provider	▪ % of children ages 0-3 on Medicaid who receive fluoride varnish application(s) from a medical provider	1.5%	2.4%
Preventive oral health services by a dental provider	▪ % of children ages 0-3 on Medicaid who receive preventive dental services from a dental provider	17.2%	19.2%
Children with a dental home	▪ # of children ages 0-3 on Medicaid with a dental home.	16.1%	18.0%

\* Preliminary Data



## Future of “First Tooth”

- “First Tooth” was transferred to the Oregon Oral Health Coalition (OrOHC) on September 1, 2012.
- Grants submitted to the DentaQuest Foundation, Ford Family Foundation, and Oregon Community Foundation (OCF) to support “First Tooth” activities.
- Continue to conduct outcome evaluation data collection and analysis.
- Disseminate and present evaluation report and results.



## Future of “First Tooth” & CCOs

- Local community implementation and ownership.
- “First Tooth” as a train-the-trainer program.
- Package “First Tooth” to appeal to Coordinated Care Organizations (CCOs), Dental Care Organizations (DCOs), and local champions :
  - Ready-to-go
  - Resources available to support implementation
  - Defined health indicators and measures to track health outcomes

