

# Early Childhood Caries/Women, Infant, and Children Dental Collaboration Pilot

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ECC/WIC Dental Collaboration Pilot  
Project Coordinator

Public Health Dental Program

Thursday, July 28, 2016



# Collaboration



# Funding Source

- Maternal and Child Health Block Grant
  - Federal Fiscal Year 2015-2016
  - Total Cost of Project: \$126,000
  - Allocation per CHD Dental Program: \$42,000
    - OPS Dental Hygienist Salary
    - Travel Costs
    - Dental Supplies



# Women, Infants, and Children (WIC)

- Federally funded nutrition program for Women, Infants, and Children (WIC)
- Provides healthy foods, nutrition education, and counseling, breastfeeding support, and referrals for health care and community services



# Eligibility for WIC

- Categorical
  - Women, infant, or child
- Residential
  - Florida resident
- Income
  - 185% Federal Poverty Level
  - State administered programs
- Nutrition
  - Nutrition risk





# Eligibility for ECC/WIC Dental Collaboration Pilot

- Pregnant, breastfeeding, postpartum women and their children under five (5) years of age

-and-



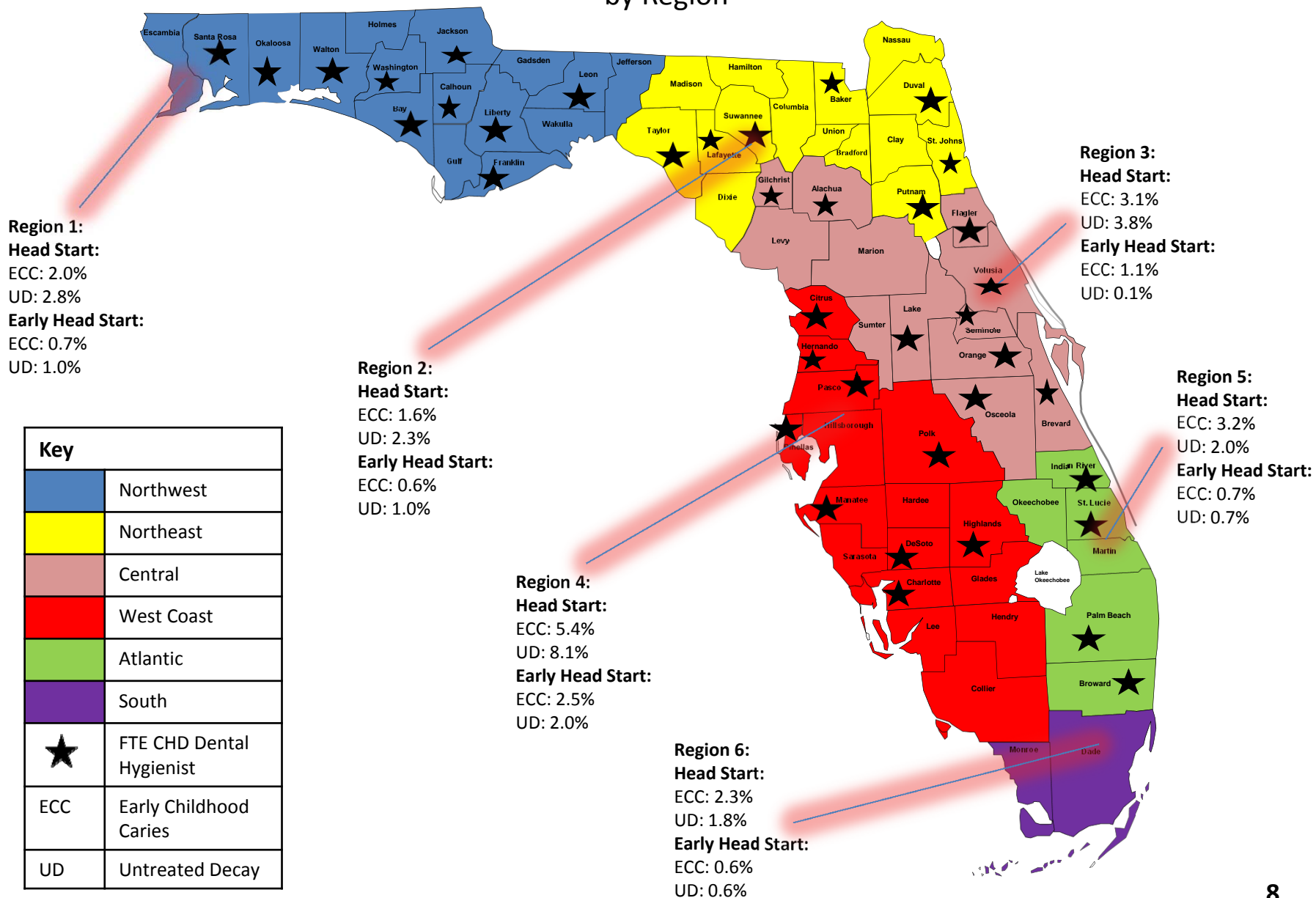
- Participating in WIC
  - 185% or below Federal Poverty Level or receiving other social services

# Pilot Project Goals

- Prevent oral disease
- Reduce the number of early childhood caries
- Reduce the amount of preventable tooth decay among mothers
- Increase service utilization rates at the CHD
- Expand client base for both programs
- Development of new collaborative projects for CHDs

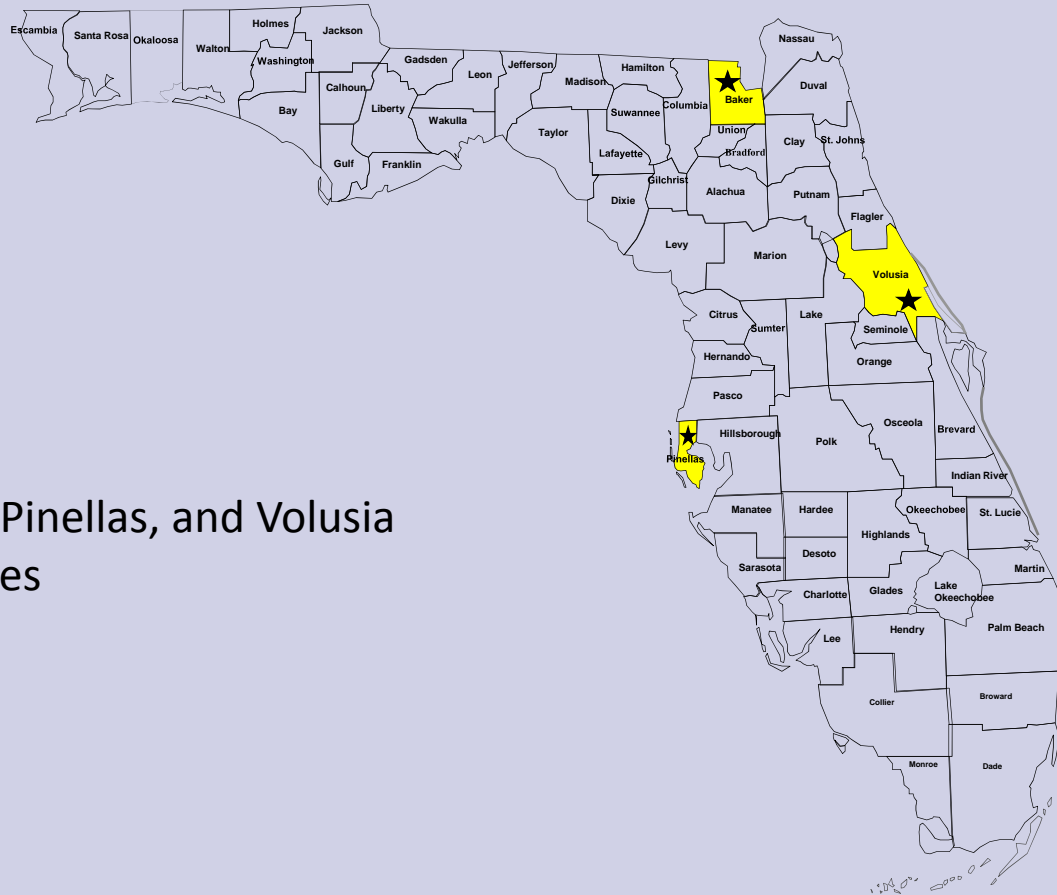


# Florida's 2014-2015 Final Head Start Oral Health Surveillance Results and County Health Departments with at least one Full Time Equivalent Dental Hygienist by Region





# ECC/WIC Pilot Counties



★ Baker, Pinellas, and Volusia  
Counties



# Average Number of WIC Clients Served Monthly

- Baker County: 1,200
- Pinellas County: 16,000
- Volusia County: 11,000



**Mission:**  
To protect, promote & improve the health  
of all people in Florida through integrated  
state, county & community efforts.



Vision: To be the Healthiest State in the Nation

**Rick Scott**  
Governor

**John H. Armstrong, MD, FACS**  
State Surgeon General & Secretary

### Icebreaker Quiz for Parents

Test your knowledge of children's oral health!

#### Pre-test

1. What are cavities? (Circle all that apply.)
  - a. A large underground chamber in a hillside or cliff
  - b. A hole in a tooth that can grow bigger and deeper over time
  - c. Tooth decay
2. Can cavities be prevented? (Circle one.)
  - a. Yes
  - b. No
3. Parents should begin cleaning their child's teeth with fluoridated toothpaste as soon as the first tooth appears. (Circle one.)
  - a. True
  - b. False
4. Which image shows the correct amount of fluoridated toothpaste for children less than 2 years of age? (Circle one.)



Smear



Pea-size



Regular

5. Which image shows the correct amount of fluoridated toothpaste for children ages 2 to 5? (Circle one.)



Smear



Pea-size



Regular

Image from: [thekidsdentalmag.com](http://thekidsdentalmag.com)

**Florida Department of Health**  
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TWITTER: HealthyFLA  
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FLICKR: HealthyFLA  
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# Pretest

- Provided at initial dental visit
- Determine knowledge prior to dental services

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### Icebreaker Quiz for Parents

Test your knowledge of children's oral health!

*Post-test*

1. What are cavities? (Circle all that apply.)
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# Posttest

- Provided after dental services received
- Determine new knowledge level

# Findings as of June 30, 2016:

## Clients and Services

- Total Clients Served: 1,327
- Total Services Provided: 5,365
  - Baker
    - Clients Served: 254
    - Services Provided: 623
  - Pinellas
    - Clients Served: 140
    - Services Provided: 409
  - Volusia
    - Clients Served: 933
    - Services Provided: 4,333





# Findings as of June 30, 2016

CDT Code	Service	Number of Services	Total Billed
D0190 & D0191	Screening/Assessment	1,327	\$13,125.00
D1110	Adult Prophylaxis	44	\$1,573.25
D1120	Pediatric Prophylaxis	831	\$24,049.39
D1206	Fluoride Varnish	1,131	\$24,144.03
D1330	Oral Health Instructions	1,327	\$14,978.31
D1351	Dental Sealant (each sealant)	0	\$0.00

# Findings as of June 30, 2016:

## Demographics

- Race/Ethnicity
  - White: 698 (53%)
  - Black/African American: 137 (10%)
  - Asian: 3 (.2%)
  - Hispanic: 471 (36%)
  - American Indian/Alaska Native: 0
  - Native Hawaiian/Pacific Islander: 0
  - Other: 9 (.7%)
- Medicaid/SCHIP Status
  - Medicaid: 1,150 (87%)
  - SCHIP: 0
  - Neither: 157 (12%)
  - Unknown: 20 (1%)



# Findings as of June 30, 2016:

## Oral Health Indicators

- Dental visit within last 12 months
  - Pregnant, postpartum, or breastfeeding women: 64 (24%)
  - Children: 206 (76%)
- Presence of at least one abscess
  - Pregnant, postpartum, or breastfeeding women: 0
  - Children: 3 (100%)



# Findings as of June 30, 2016: Oral Health Indicators

- Visible Swelling
  - Pregnant, postpartum, or breastfeeding women: 1 (34%)
  - Children: 2 (66%)
- Untreated Decay
  - Pregnant, postpartum, or breastfeeding women: 88 (36%)
  - Children: 159 (64%)



# Findings as of June 30, 2016: Oral Health Indicators

- Treatment Urgency: None
  - 260 (54%)
- Treatment Urgency: Early
  - 184 (38%)
- Treatment Urgency: Urgent
  - 38 (8%)





# Baker County Findings

- Days in Operation: 107
- Estimated Medicaid Reimbursement: \$6,843
- Pretest Score: 3.32
- Posttest Score: 4.4
- Best Practices
  - Clients open to discussion about their oral health and seems less intimidated as compared to a clinical setting.
  - Project has enabled Dental/WIC to collaborate in providing thorough oral/health nutritional counseling, aiding in the prevention of ECC.



# Pinellas County Findings

- Days in Operation: 200
- Estimated Medicaid Reimbursement: \$3,731
- Best Practices
  - Paperwork and wait times were a deterrent, clients preferred to schedule appointments versus waiting.
  - Placing the hygienist inside the WIC area proved to be the most successful.



# Volusia County Findings

- Days in Operation: 107
- Estimated Medicaid Reimbursement: \$147,424
- Pretest Score: 2.8
- Posttest Score: 4.9
- Best Practices
  - Convenience of Care
  - Education



# Sustainability

- Hygiene Workforce Model
- Predetermine Medicaid eligibility of WIC clients
- Bill for **ALL** billable services
- Schedule all clients to Dental program and schedule follow-up visits during visit
- Patient follow-up
  - Send patient reminders (phone calls, notecards, be available during scheduled WIC visits)





# Future Goals/Next Steps

- Continue partnership between County Dental and WIC Programs
- Increase awareness of WIC oral health needs with a focus on high risk regions
- Increase the dental workforce by utilizing the Hygiene Workforce Model





# Questions?



# Contact Information

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# Dental Outreach

Jo Ann Weatherwax  
FDOH-Volusia



# Planning

- Who will you serve ?
  - Parent
  - WIC child only
  - Sibling
- Where ?
  - Which WIC program
    - Available Space
    - Numbers seen per day
    - WIC staff interest





# Getting Started

- Start up costs - \$10,000
  - 8 – 10 weeks to prepare
    - Purchase Equipment
    - Posters and Flyers
    - Instruments and Supplies
- Site – Credentialing and Site Visits
- Hiring Staff
  - Dental Hygienist
    - Responsible and Trustworthy





# Benefits

- Value of Time
- Convenience
- Dental Education
- Rapport – Positive experience
- Prevention and Early Intervention



# Sustainable ?

