

# Statewide Oral Health Surveillance Program: The Third Grade Basic Screening Survey

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**Division of Community Health Promotion**

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# Collaborative Partnership



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Florida Dental Hygiene Association

*Advocates for Healthy Mouth, Healthy Body*



# Oral Health Surveillance Using the Basic Screening Survey

- Oral Health Indicators for School Children
  - Treated Decay
  - Untreated Decay
  - Sealants
  - Urgency of Need for Dental Treatment

Source: The Basic Screening Survey: A Tool for Oral Health Surveillance not Research, February 2011, Association of State and Territorial Dental Directors

# Oral Health Surveillance

## Florida's Oral Health Surveillance

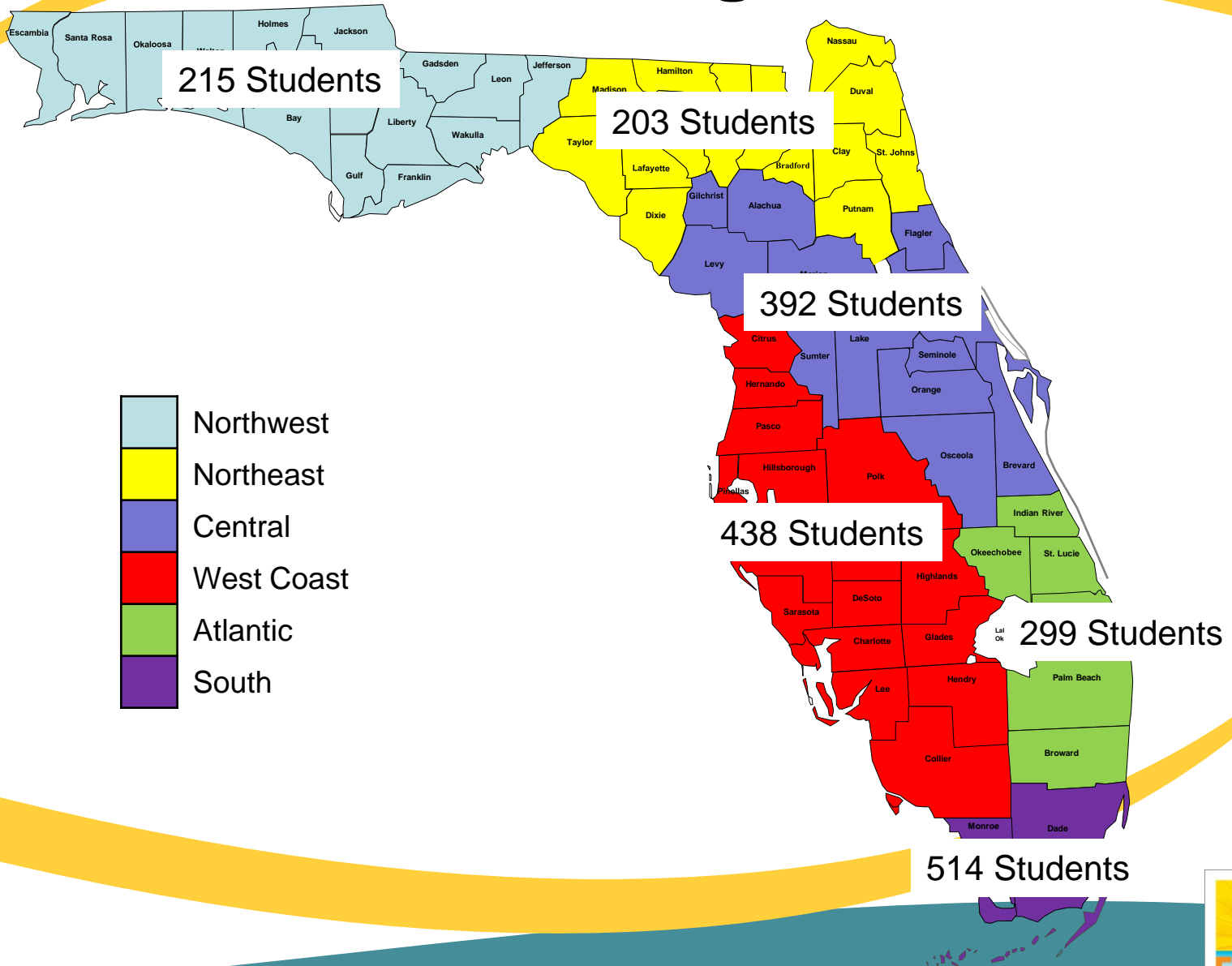
- In the school year 2010-2011, the Oral Health Coalition of Alachua in collaboration with the University of Florida College of Dentistry, and the School Board of Alachua County conducted the first Third Grade Basic Screening survey in Alachua County
- Since that time the dental screening has occurred at all 23 Alachua County Public Elementary Schools

Source: Florida Department of Health Alachua County Health Department 2013 Annual Report

# Oral Health Surveillance: Dental Screenings

- Focus on 3<sup>rd</sup> Grade Students Statewide
- Target grade for Centers for Disease Control and Prevention, Maternal and Child Health Bureau, Association of State and Territorial Dental Directors (ASTDD), and the National Oral Health Surveillance System (NOHSS)
- Included 41 public elementary schools across several counties
- Conducted in conjunction with other state mandated health screenings (BMI, vision, hearing, etc.)

# Florida's Regions



# Oral Health Surveillance Program

## Methodology

Approximately 4,973 students enrolled in all third grade classes in the participating 41 schools

50.8% of Consent Forms Returned

81.6% of Students Screened with returned Positive Consent

41.4% of Sampled Students Overall Screened

60.7% of Screened Students Eligible for Free/Reduced Lunch

## Overall *Preliminary* Findings

- Untreated Cavities: 23.4% (20.2%, 26.7%)
- Caries Experience: 43.1% (39.2%, 47.0%)
- Sealants Present: 36.9% (33.3%, 40.5%)
- Need Urgent Care: 4.9% (3.1%, 6.7%)
- Need Early Dental Care: 18.3% (14.9%, 21.6%)



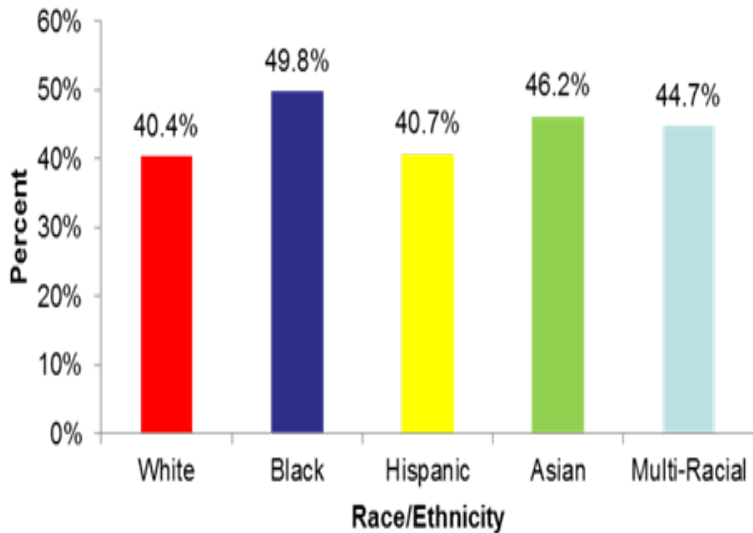
# Indicator Comparisons by Gender

## *Preliminary Results*

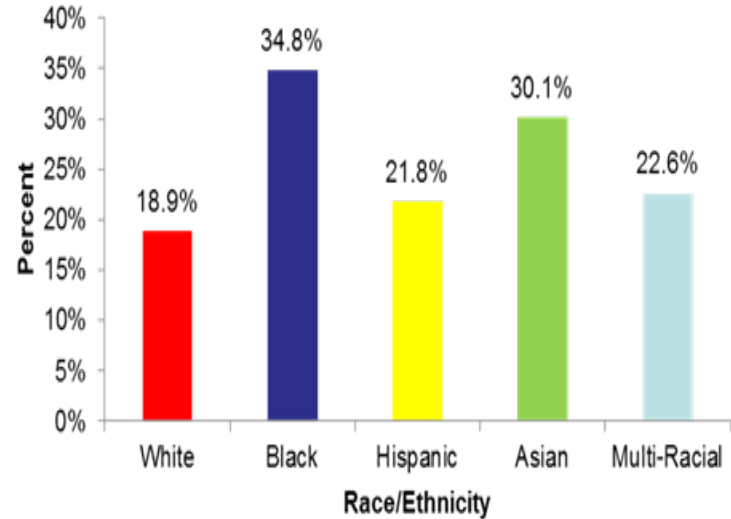
Indicator	Male - Estimate (C.I.)	Female - Estimate (C.I.)
Untreated Decay	22.8% (18.4%, 27.2%)	24.0% (20.3%, 27.6%)
Caries Experience	43.5% (37.4%, 49.6%)	42.6% (38.7%, 46.4%)
Sealants	36.8% (32.5%, 41.1%)	36.9% (33.0%, 40.7%)
Early Dental Care	18.5% (14.9%, 22.2%)	18.0% (13.9%, 22.0%)
Urgent Care	4.1% (2.3%, 5.8%)	5.8% (2.63%, 8.9%)

# Caries Experience and Untreated Decay by Race/Ethnicity

## Caries Experience

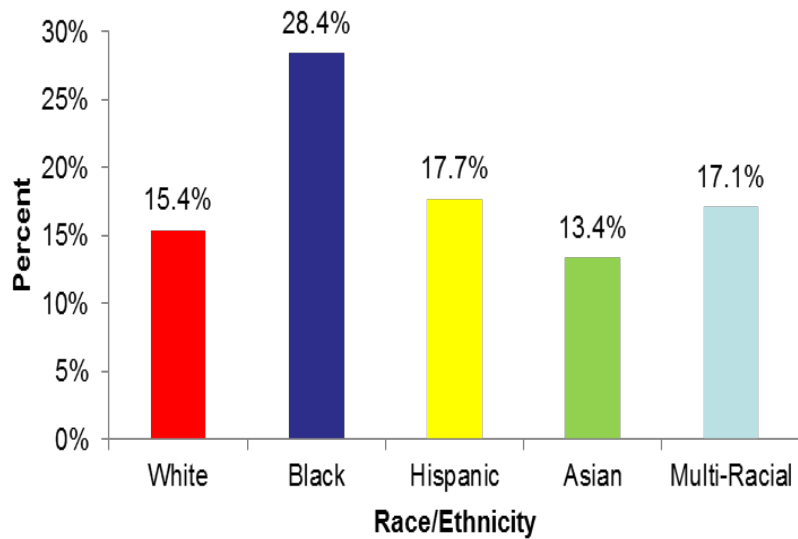


## Untreated Decay

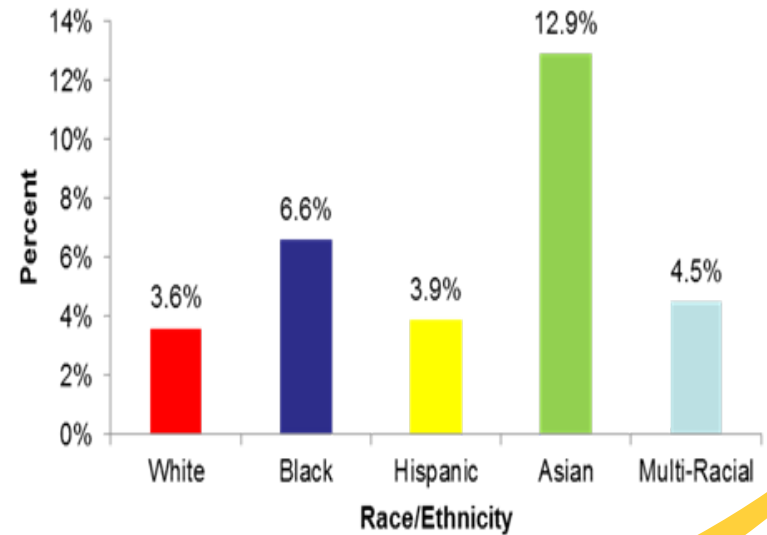


# Early and Urgent Dental Care By Race/Ethnicity

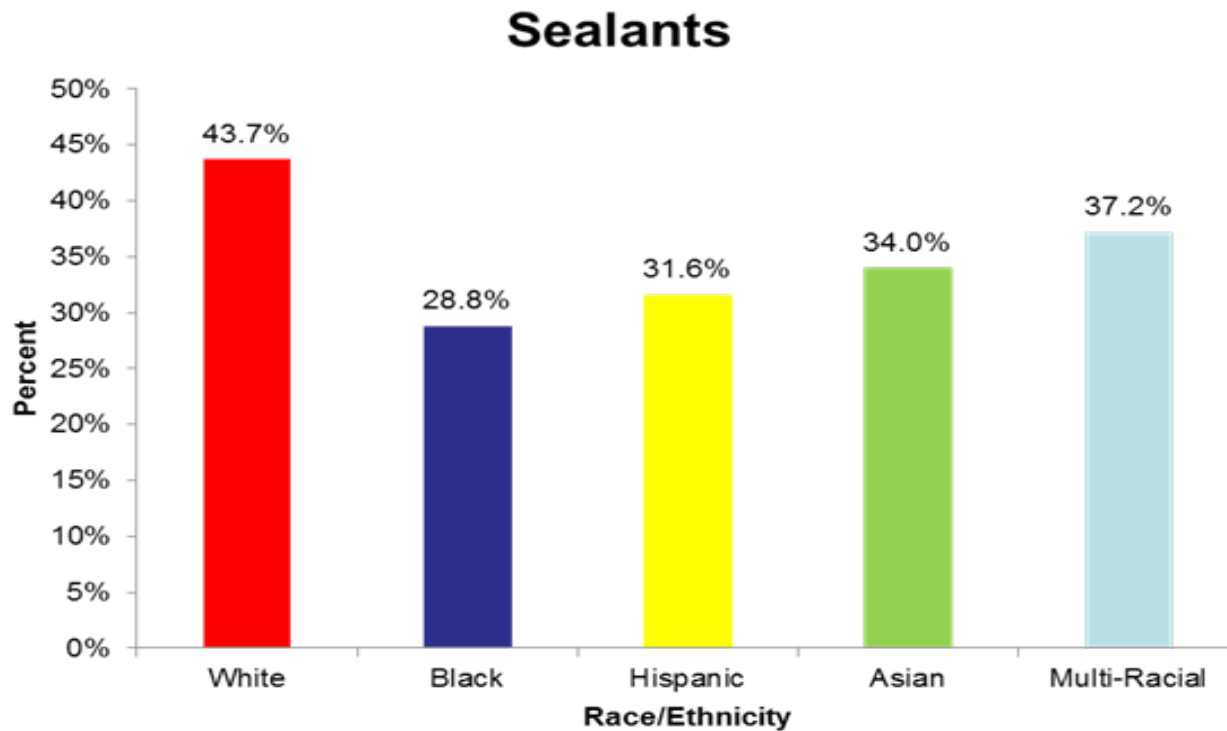
## Early Dental Care



## Urgent Care



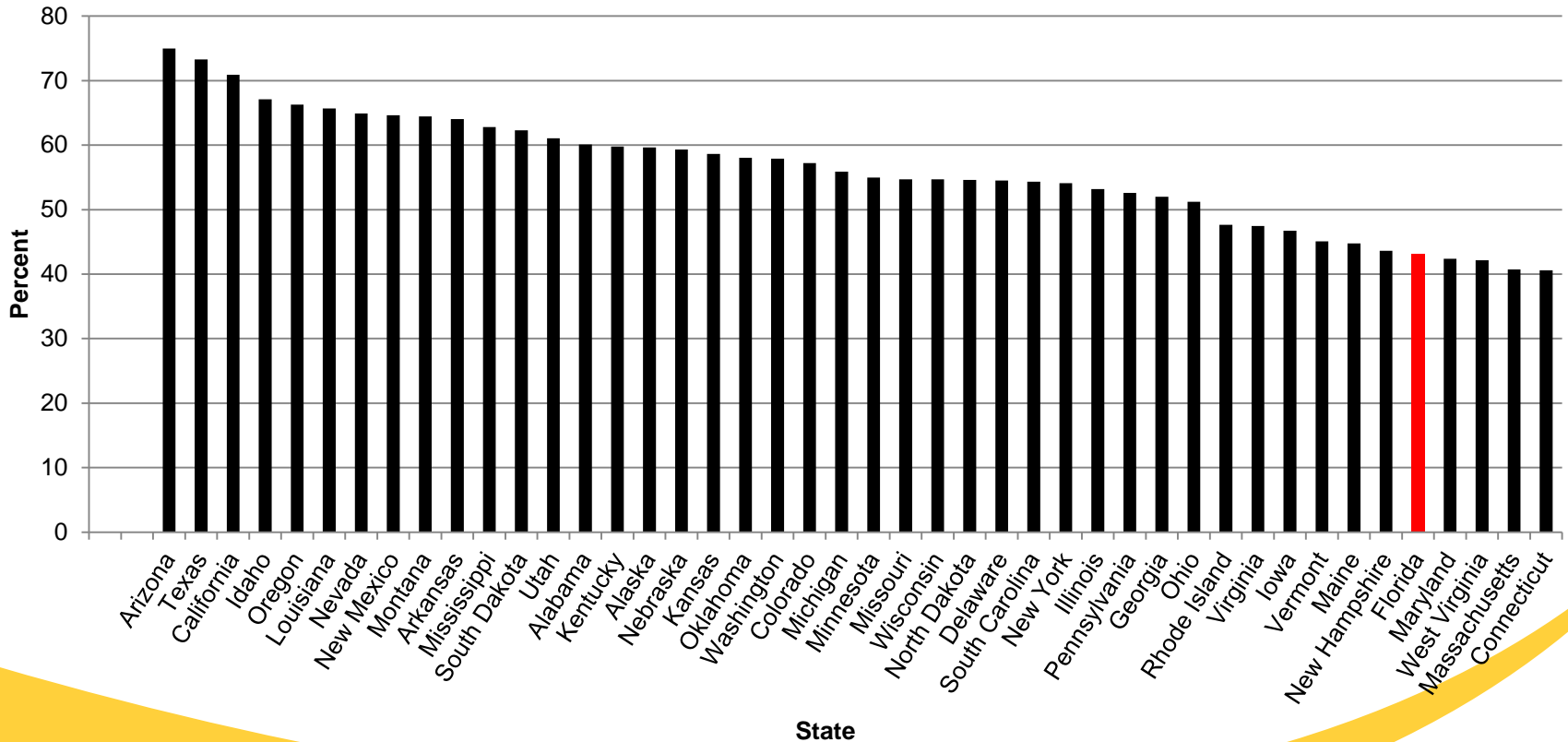
# Sealants by Race/Ethnicity



# State Comparison

## Caries Experience

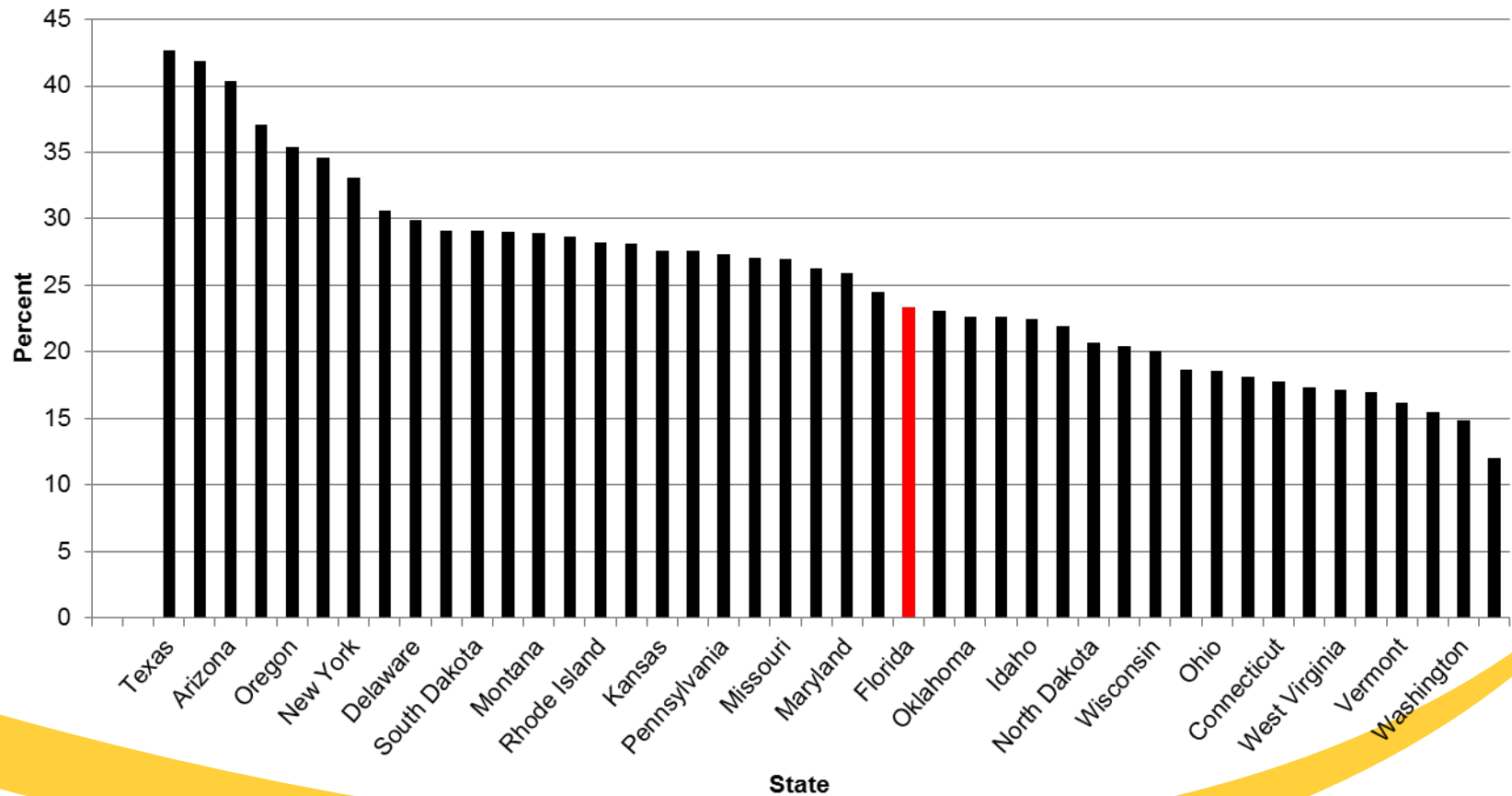
Source: National Oral Health Surveillance System



# State Comparison

## Untreated Tooth Decay

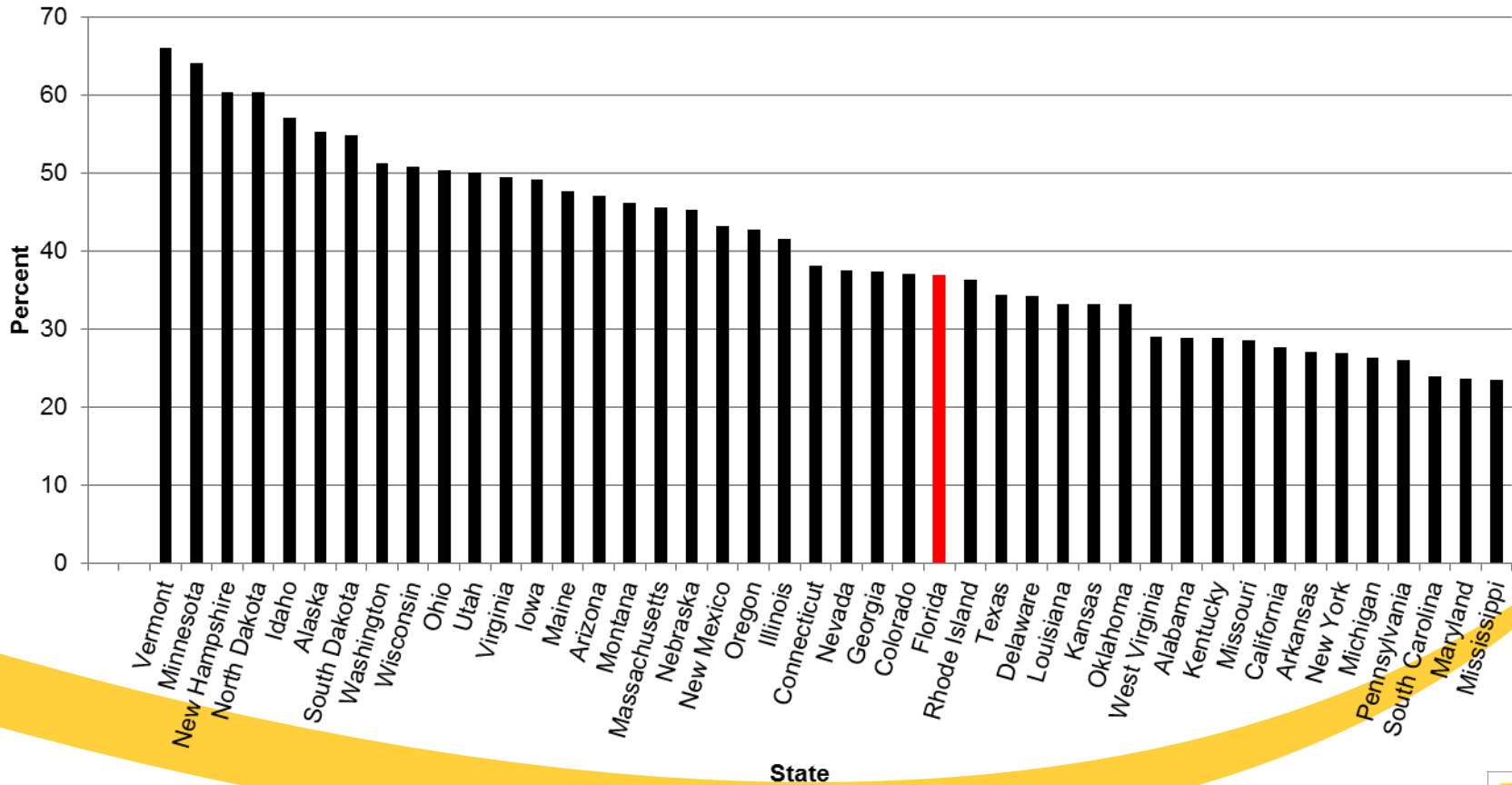
Source: National Oral Health Surveillance System



# State Comparison

## Sealants

Source: National Oral Health Surveillance System



# Third Grade Surveillance Project Dental Hygiene Participants

## A Special Thank You

Cathy Cabanzon, RDH, BASDH

Kerri Cook, RDH, BSDH

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Camden Pierce, Crystal Coffman,  
Naketa George, Jennifer Dutton





## Next Steps:

### Initiatives:

- Head Start/ Early Head Start Surveillance Program
- Third Grade Surveillance Program is planned to be repeated in school year 2016-17.
- Statewide School-based Services Program
- Exploring state level agreements to support school-based preventive dental programs.
- Exploring including dental screenings as part of annual health screenings provided at elementary schools.

# Head Start Oral Health Surveillance Project



# Statewide School-based Sealant Program

- **Expand school-based sealant programs from current total of twenty-six (26) programs to having school-based programs in 67 counties.**
- **School-based Regional Pilot Project**
- **Exploring additional funding options for school-based preventive dental programs.**



# Contact Information

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