



THE NATIONAL CENTER ON  
Health

# General Reminders

- This webinar will be recorded and archived on the ASTDD website.
- Questions will be addressed after the speakers are finished. Please type your question into the “chatbox” that will appear at the end of the webinar and then click on the bubble to the right of where you type your question to send it to the moderator.
- Please respond to the polling questions at the conclusion of the webinar.



THE NATIONAL CENTER ON  
**Health**

# Collection of Data in Head Start Head Start Dental Hygienist Liaisons Webinar

The National Center on Health

February 28, 2014



THE NATIONAL CENTER ON  
**Health**

# The New Head Start Dental Form

## *Not the Same Old BSS (Basic Screening Survey)*

The National Center on Health  
Kathy Phipps, RDH, MPH, DrPH  
*Data & Surveillance Coordinator, ASTDD*  
DHL Webinar  
February 28, 2014

# Patient vs. Population Health



# Monitoring Oral Health Status

## Patient

- Complete *clinical exam* by
  - Provider with legal authority
  - Tooth surface level diagnosis
    - Occlusal caries “tooth A”
  - Treatment plan

## Population

- Limited *screening* by
  - Trained screener
  - Person level diagnosis
    - Child has untreated decay
  - Referral for care



THE NATIONAL CENTER ON  
**Health**

# Monitoring Population Oral Health

- Oral health surveillance
- Purpose of oral health surveillance...
- **Provide actionable health information to guide public health policy and programs**
- **Use data to protect and promote population wide health**



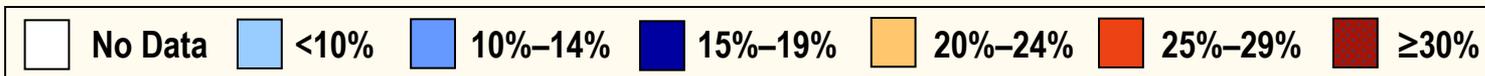
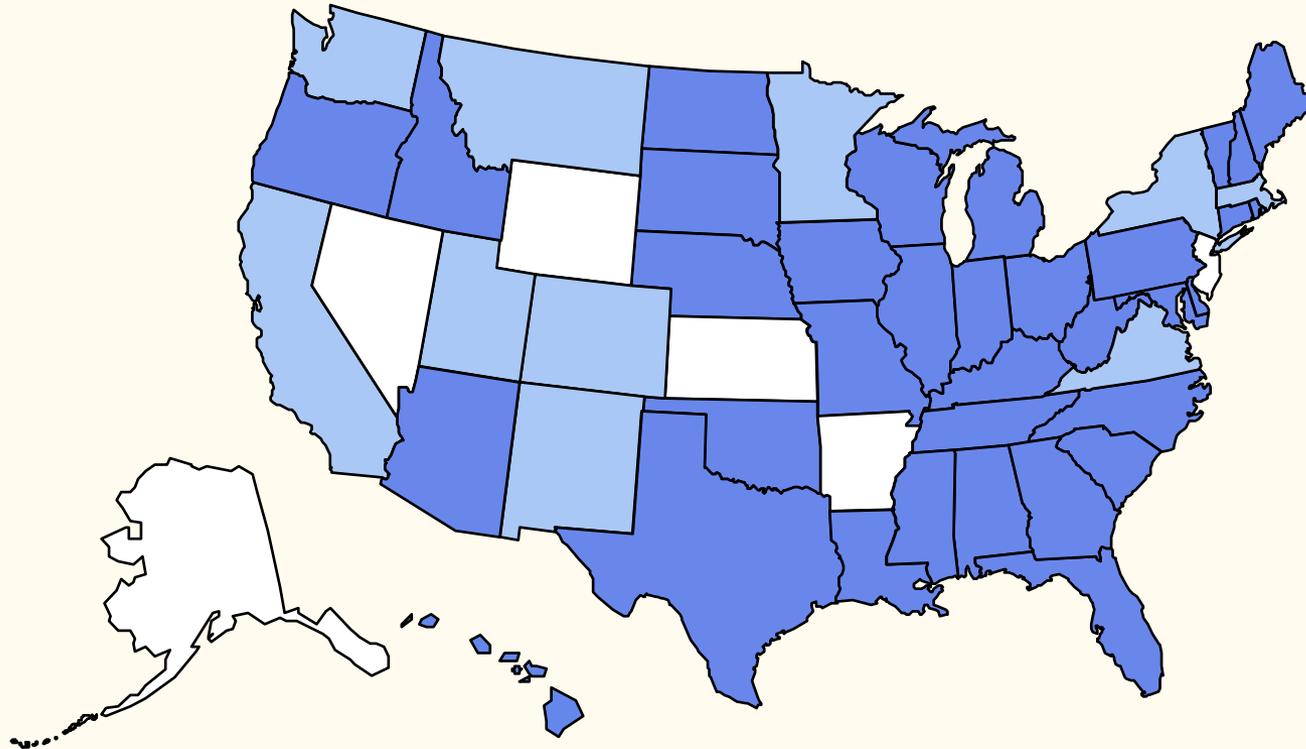
THE NATIONAL CENTER ON  
Health

# Example of Health Surveillance

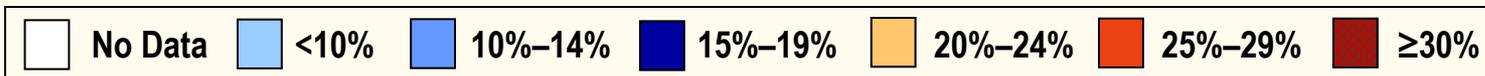
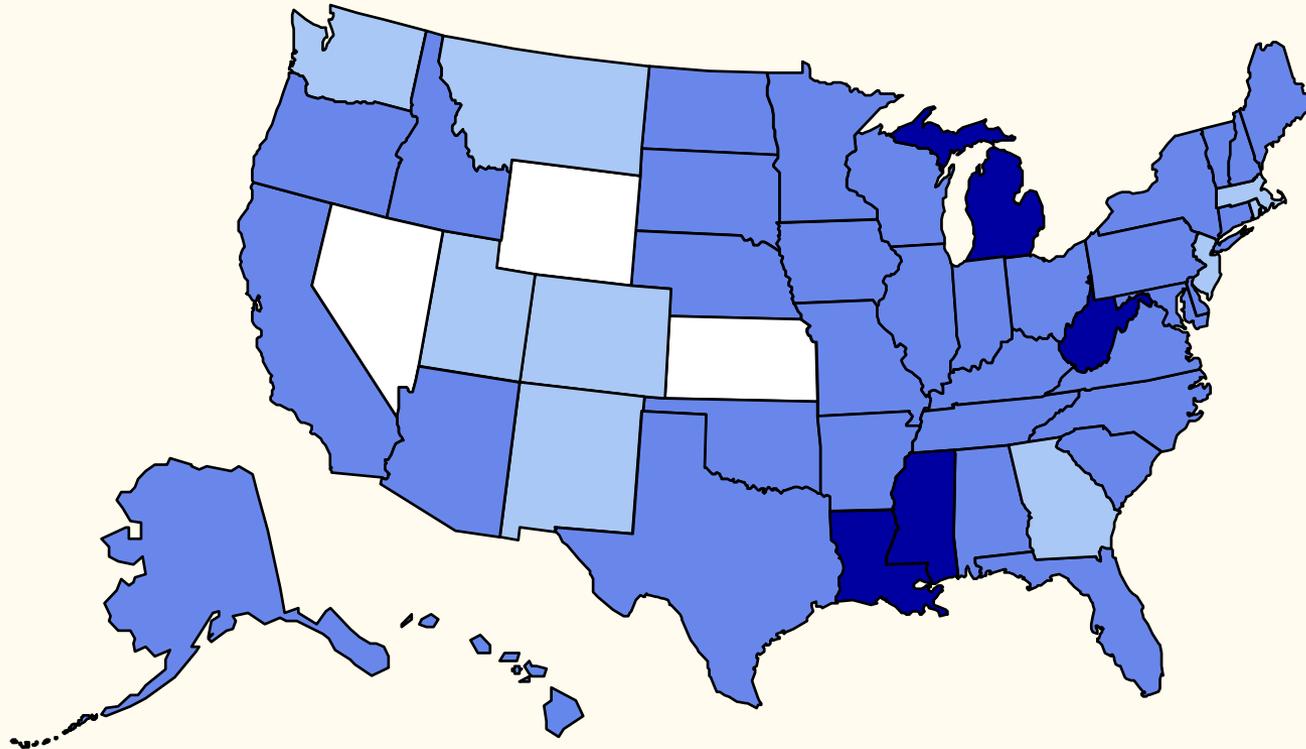
## Adult Obesity



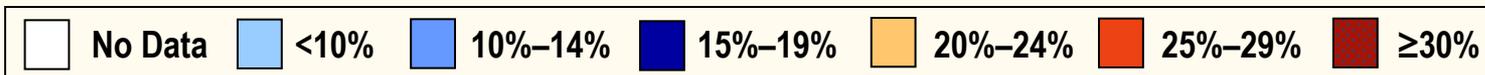
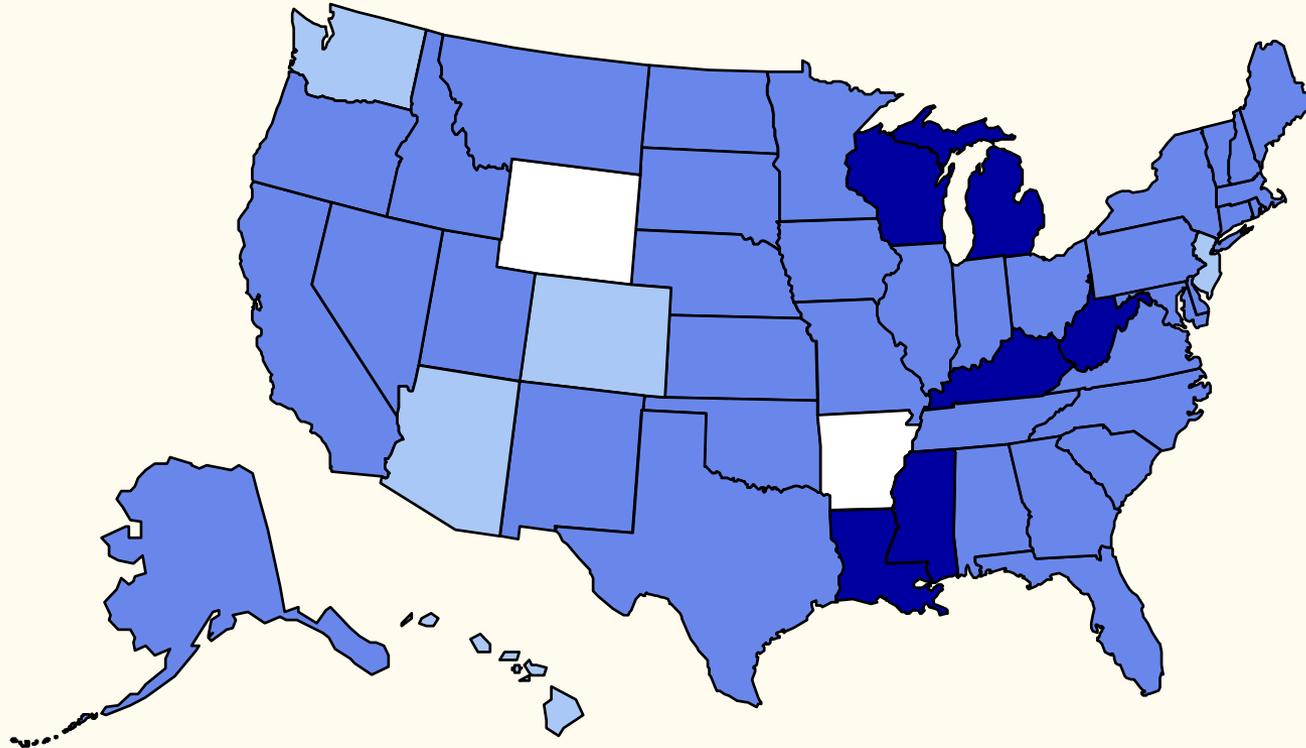
# Obesity Among US Adults, 1990



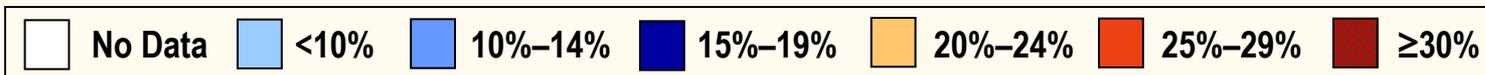
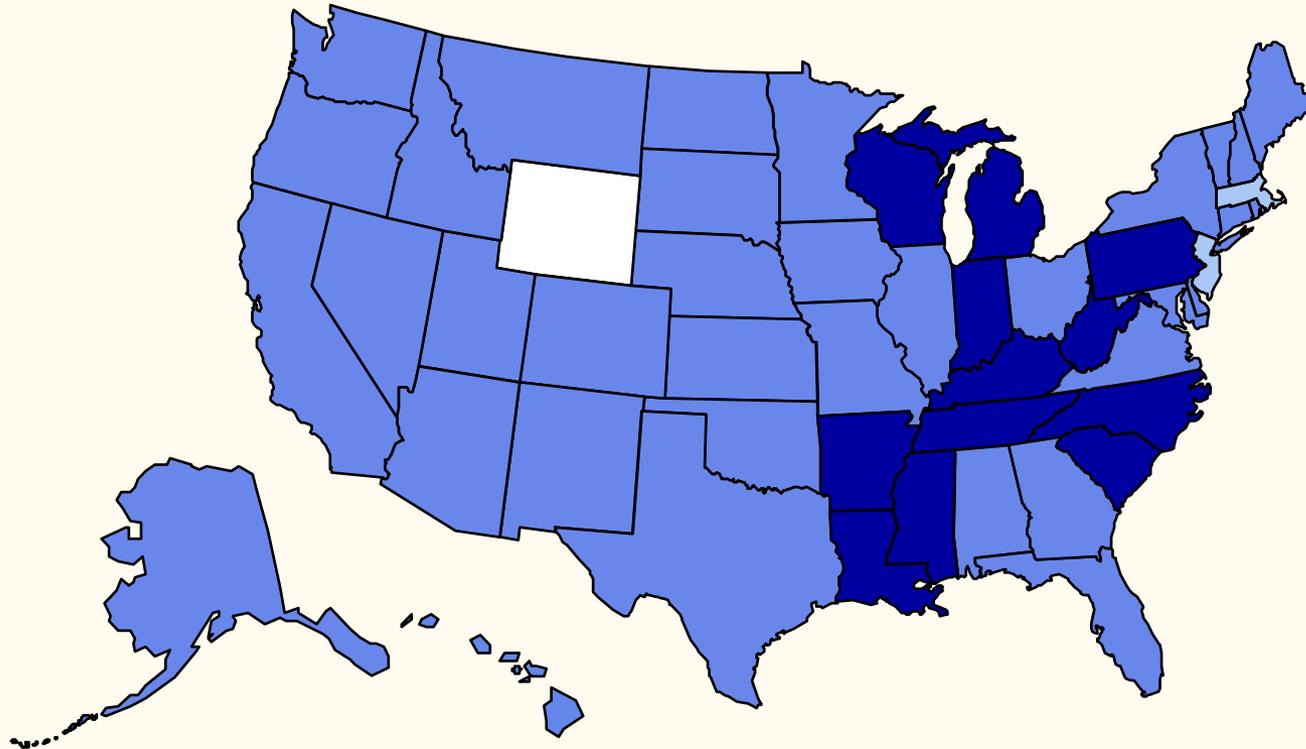
# Obesity Among US Adults, 1991



# Obesity Among US Adults, 1992

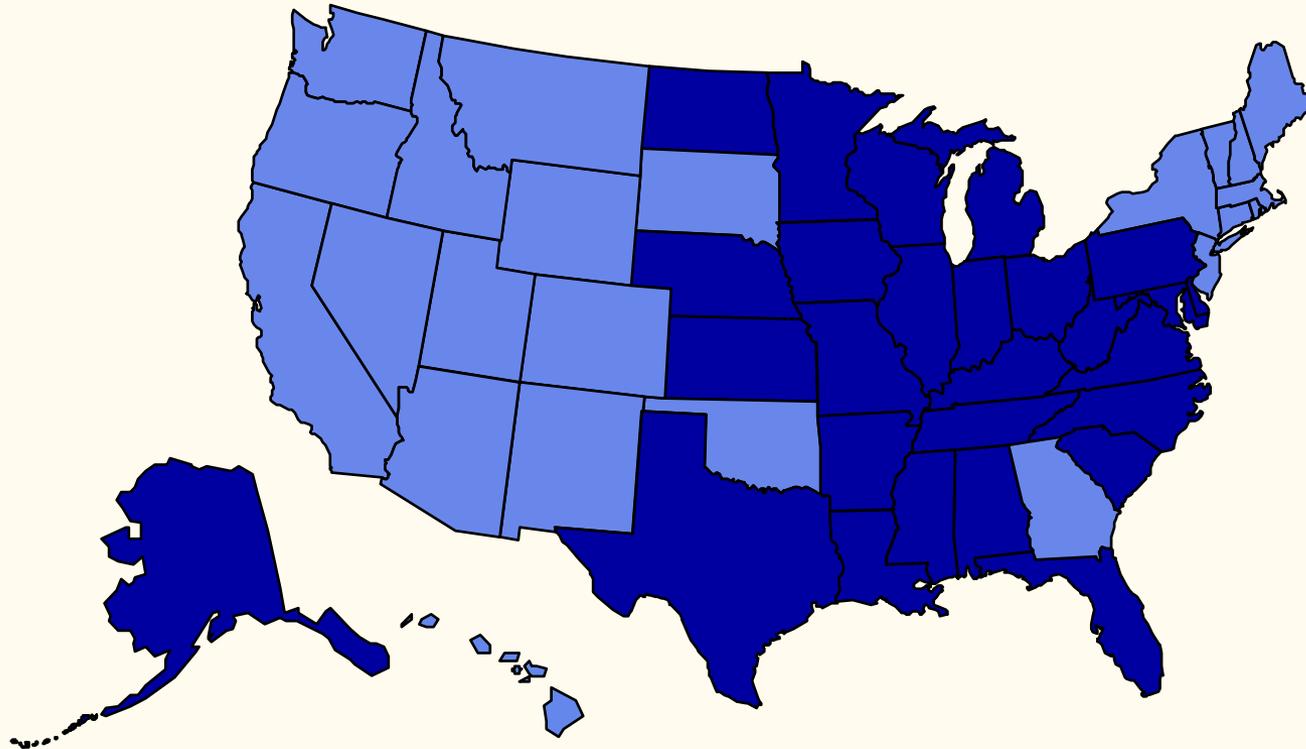


# Obesity Among US Adults, 1993



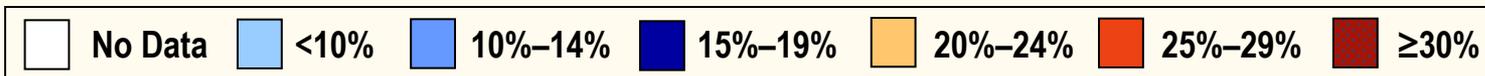
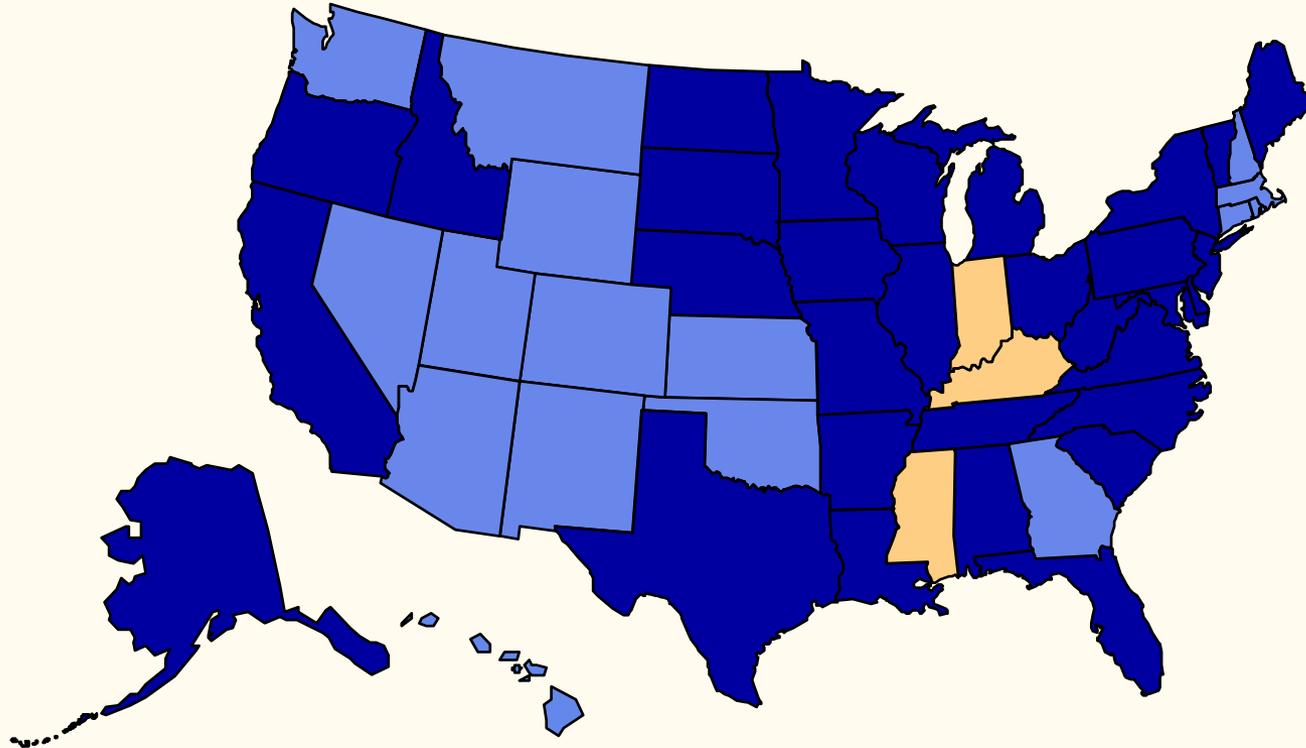


# Obesity Among US Adults, 1995

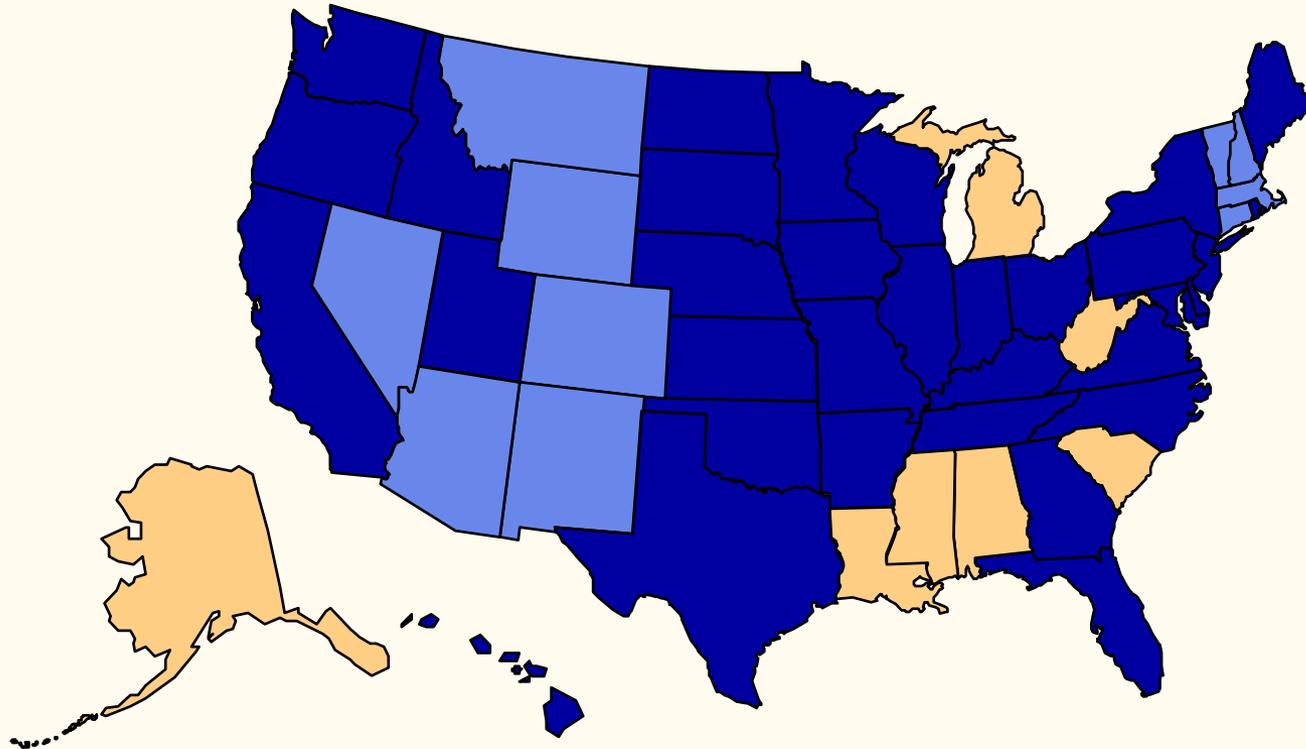




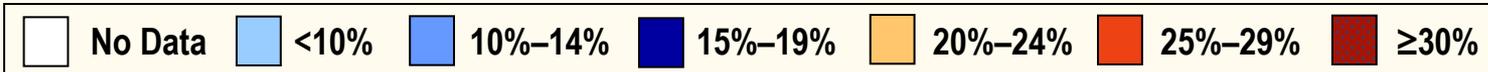
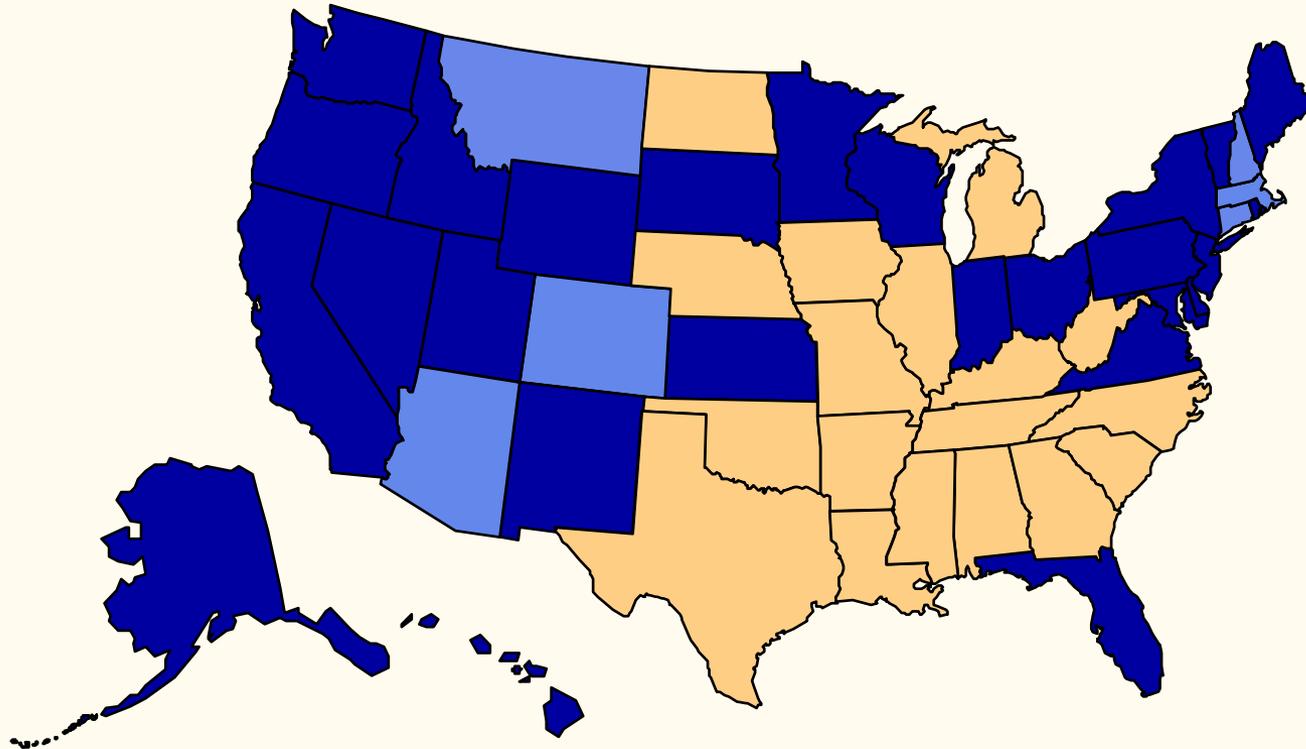
# Obesity Among US Adults, 1997



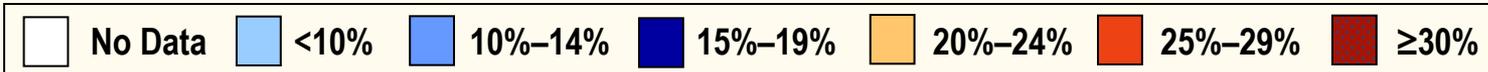
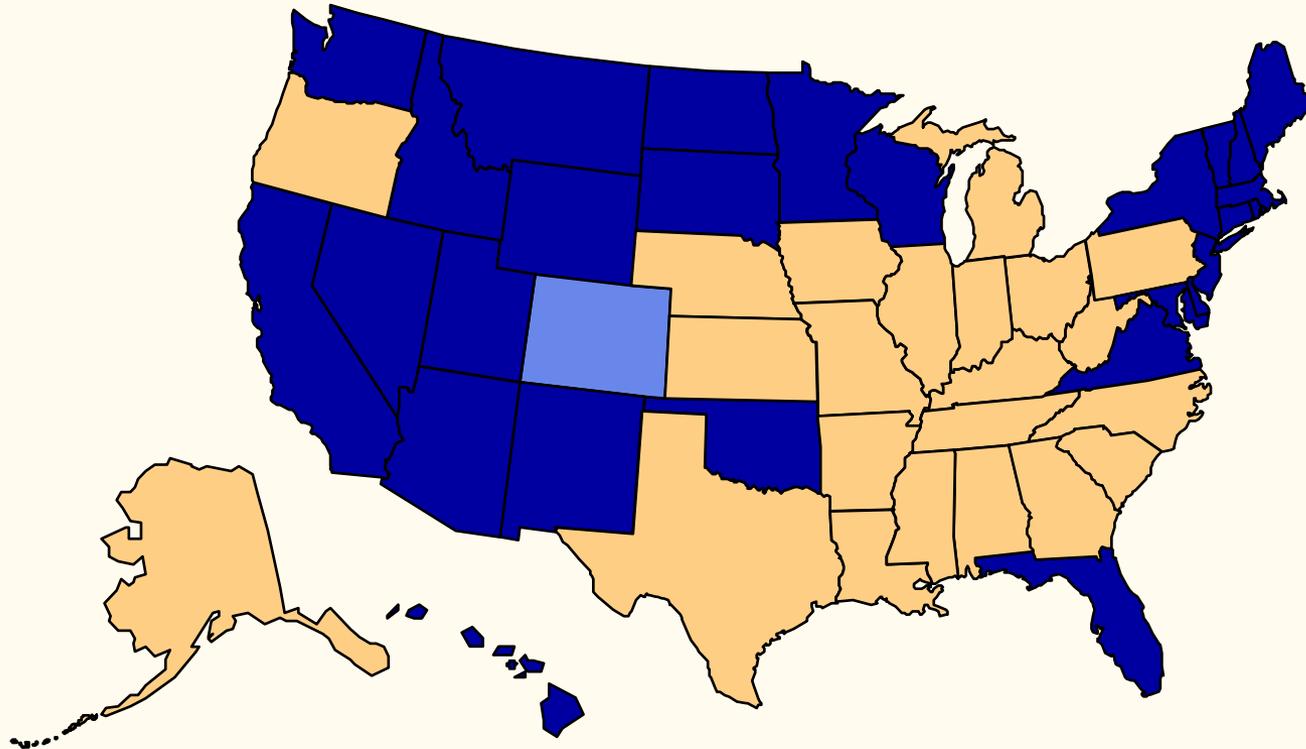
# Obesity Among US Adults, 1998



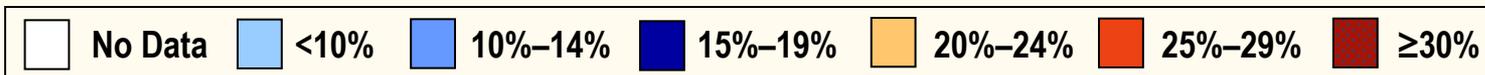
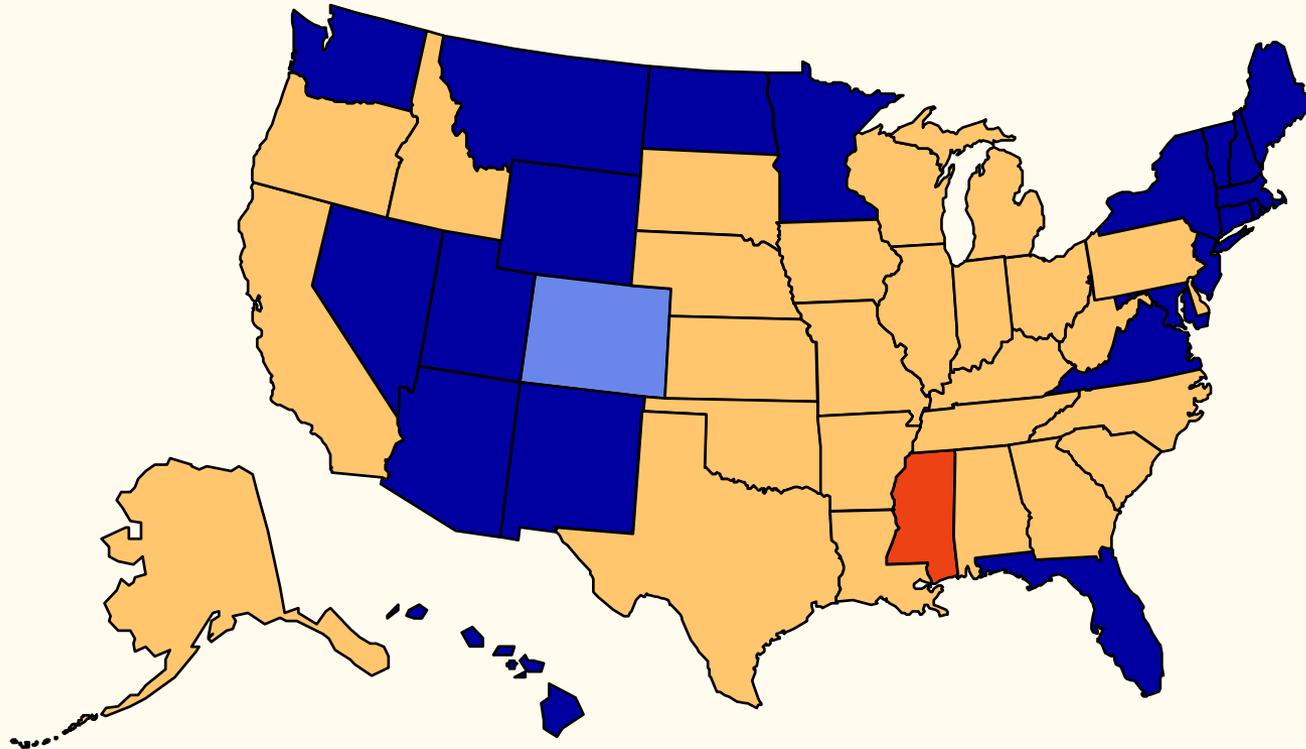
# Obesity Among US Adults, 1999



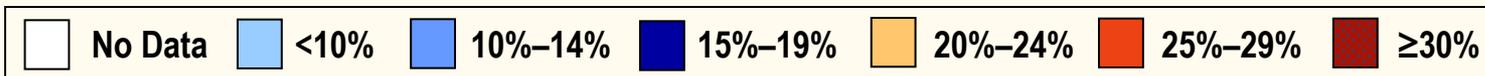
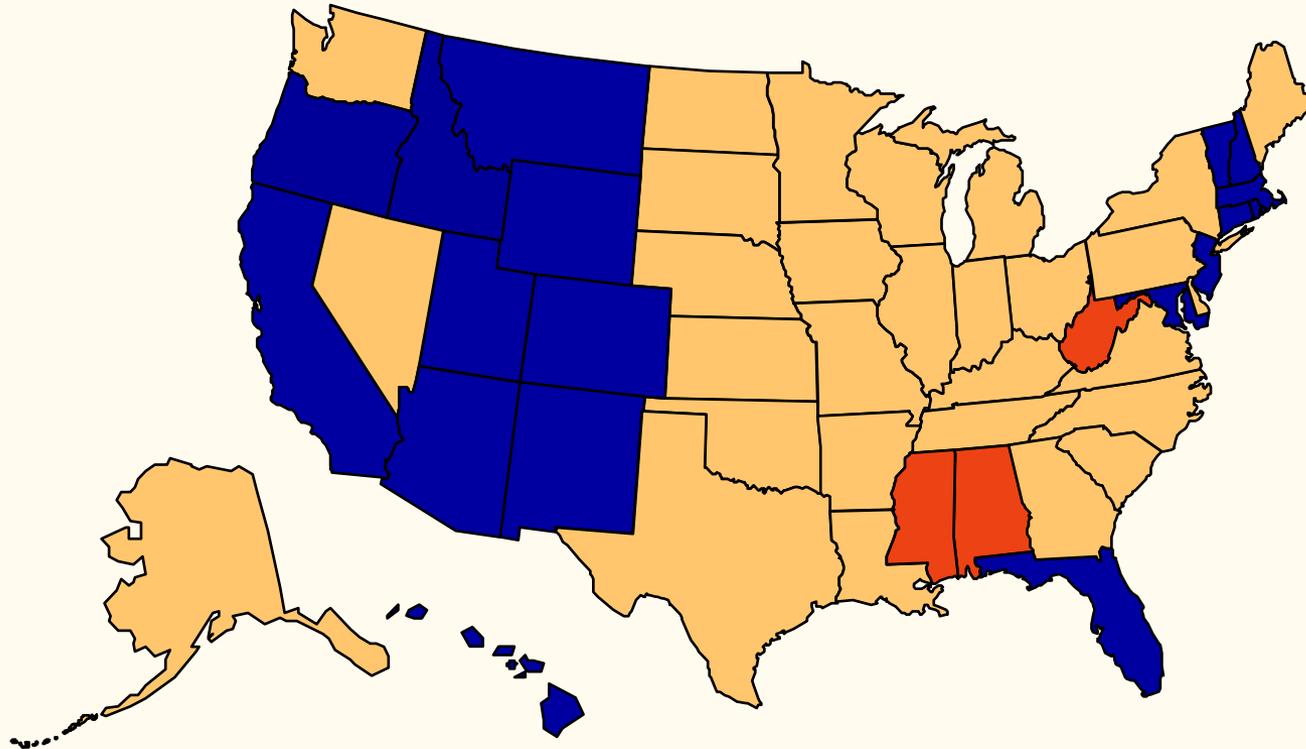
# Obesity Among US Adults, 2000



# Obesity Among US Adults, 2001

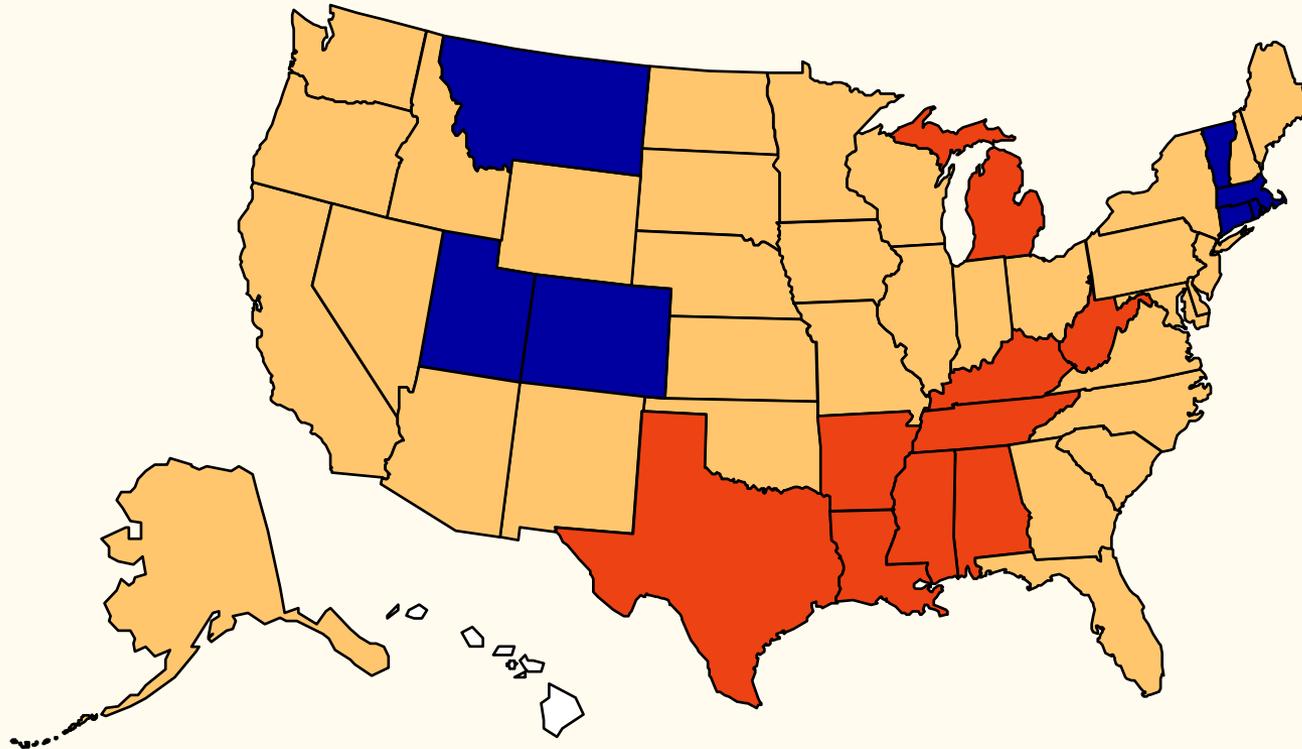


# Obesity Among US Adults, 2002



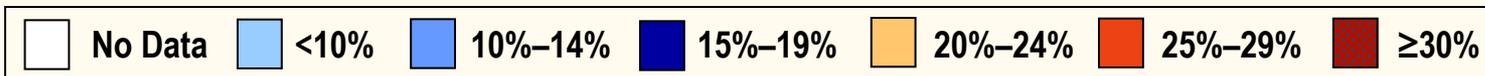
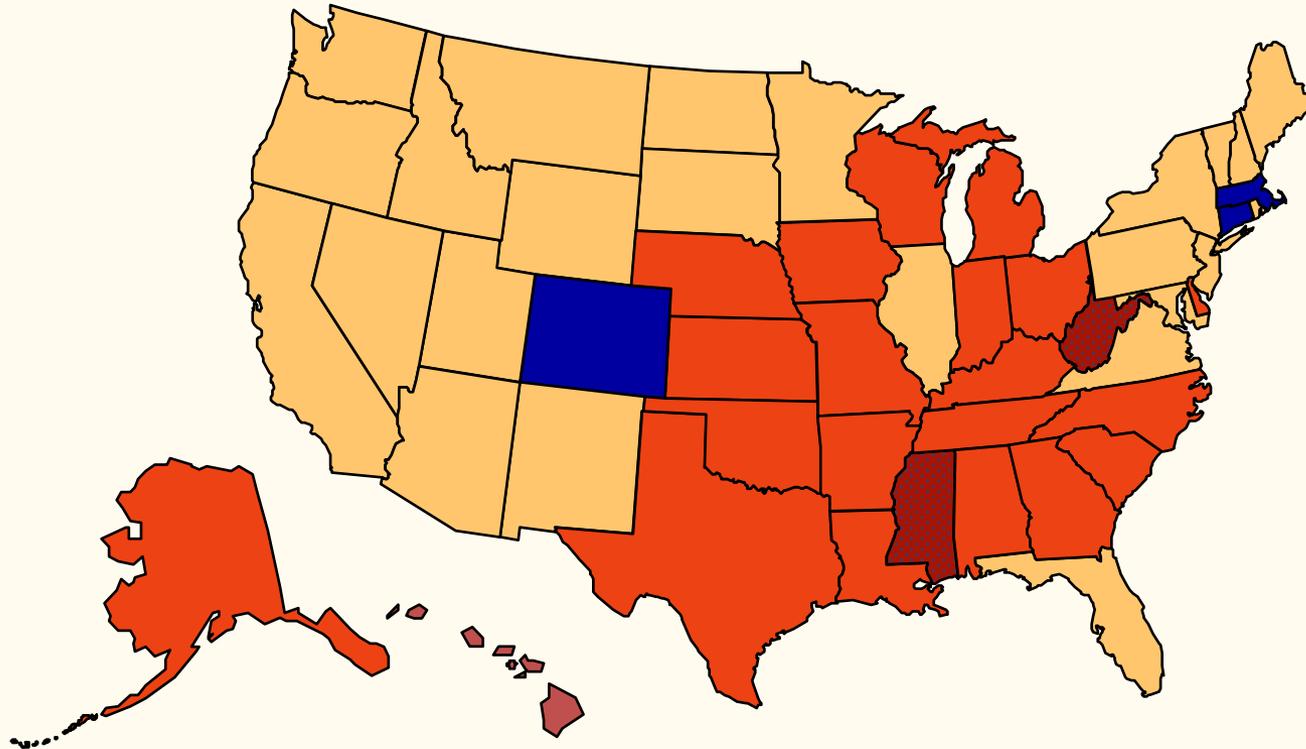


# Obesity Among US Adults, 2004



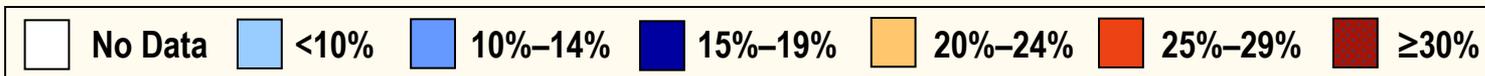
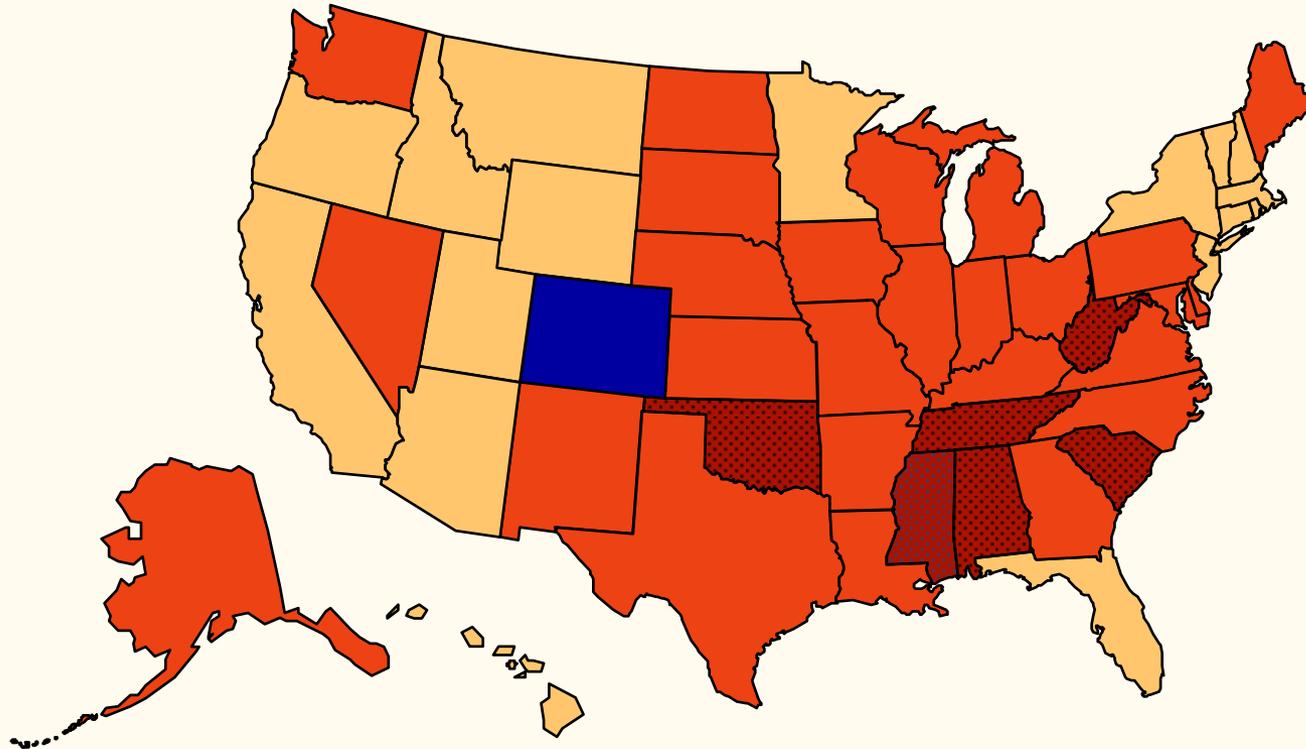


# Obesity Among US Adults, 2006





# Obesity Among US Adults, 2008



# How is Obesity Data Collected?



# Take Home Message

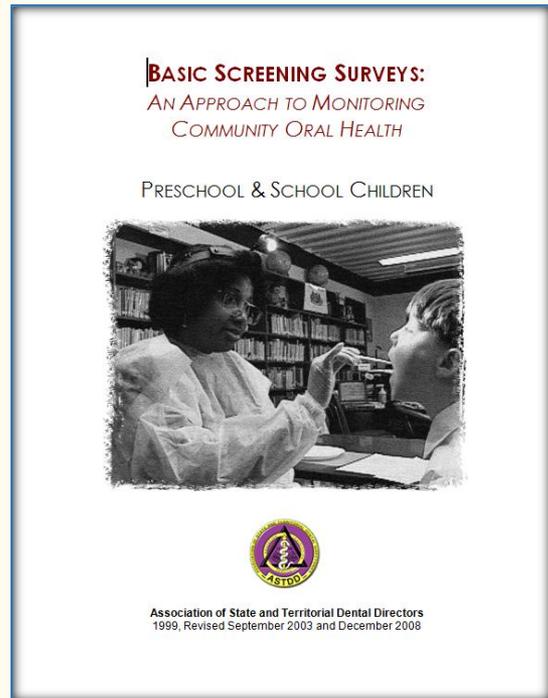
***Surveillance data does not need to be perfect but it does need to be consistent and easily obtainable.***



THE NATIONAL CENTER ON  
Health

# Oral Health Surveillance

- Basic Screening Survey (BSS)
  - A tool for collecting oral health surveillance data for population groups including
    - Head Start (3-5 year olds)
    - Elementary school children
    - Vulnerable older adults
  - Developed by
    - ASTDD
    - CDC
    - Ohio Department of Health



THE NATIONAL CENTER ON  
**Health**

# Basic Screening Survey

- Oral health indicators for preschool children
  - Treated decay
    - no/yes
  - Untreated decay
    - no/yes
  - Urgency of need for dental care
    - none, early, urgent



THE NATIONAL CENTER ON  
**Health**

# How is BSS Data Collected?

- Statewide oral health survey
  - Probability sample of Head Start centers
  - Hire staff to drive to centers and screen children
  - Enter & analyze data
  - Report data
  - Advocate for programs to improve health



THE NATIONAL CENTER ON  
Health

# Example

## Washington State

### Smile Survey 2010 The Oral Health of Washington's Children

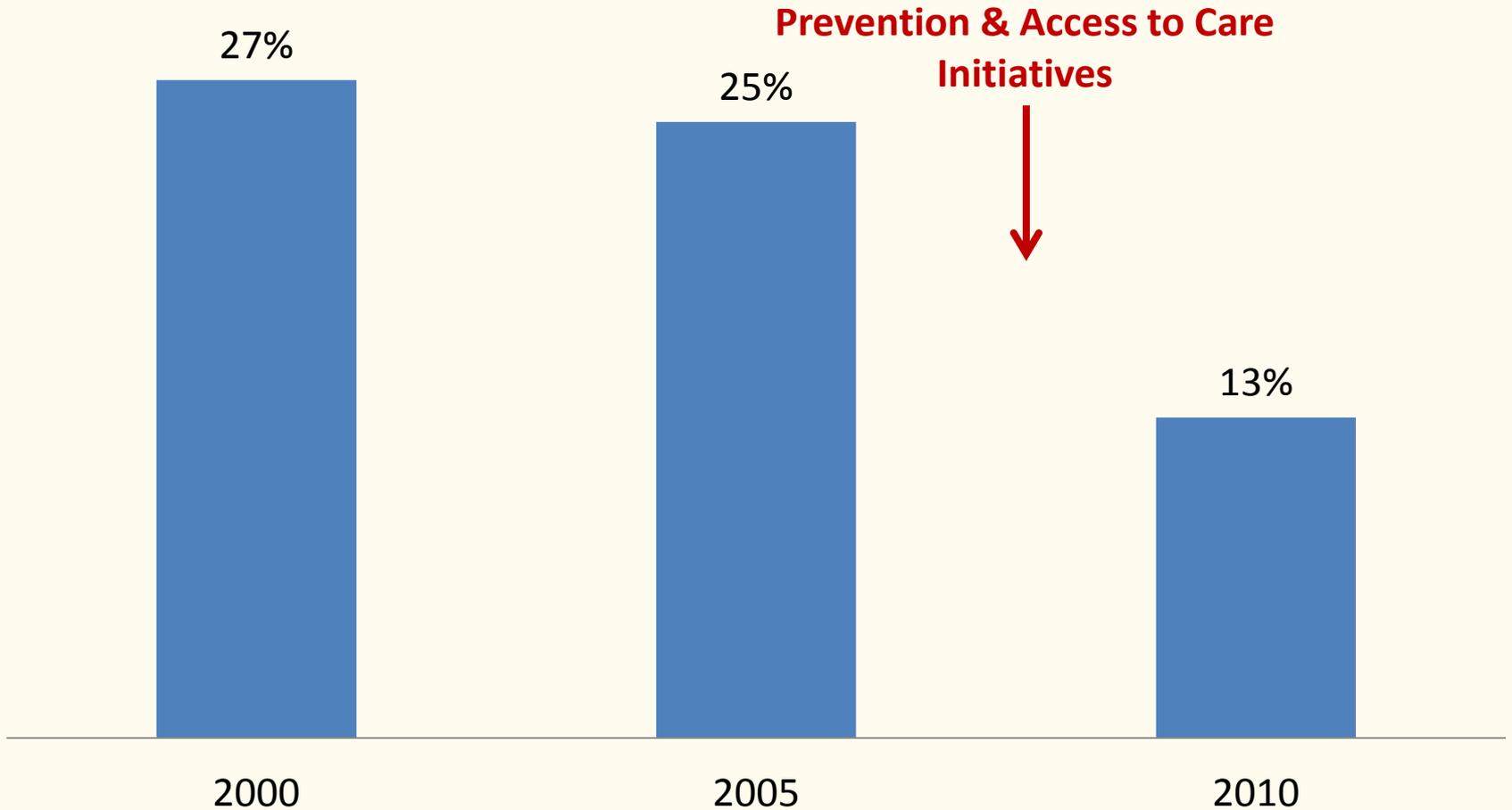


DELTA DENTAL  
Washington Dental Service  
Foundation  
*Community Advocates for Oral Health*

Washington State Department of  
Early Learning



# Percent of Head Start Children with Untreated Decay



Data Source: Washington State Smile Survey 2000, 2005, 2010

# Basic Screening Survey

## PROS

- Provides valuable data for program evaluation and advocacy
- Simple

## CONS

- Requires a screening in addition to the examination required by Head Start
- Can be somewhat costly to state health agency



# The “Aha” Moment

- Can the Head Start dental exam form be used to collect BSS data?



# Too Many Forms

## PROBLEM

- Each HS program was using a different form
- No consistency on what info was collected

## SOLUTION

- Develop standard form that collects **both**
  - Diagnostic/treatment info
  - BSS information





## Head Start Oral Health Form—Children

### Patient Information

Child's name

Child's date of birth

This practice is the child's dental home:  Yes  No

### Current Oral Health Status

Does the child have any teeth with untreated decay?  Yes (decay)  No (decay free)

Does the child have any teeth that have previously been treated for decay, including fillings, crowns, or extractions?  Yes  No

Are there treatment needs?  Yes, urgent  Yes, not urgent  No treatment needs

**BSS indicators for surveillance**

### Oral Health Care Services Delivered During Visit

#### Diagnostic/Preventive Services

Examination:  Yes  No

X-rays:  Yes  No

Risk assessment:  Yes  No

Cleaning:  Yes  No

Fluoride varnish:  Yes  No

Dental sealants:  Yes  No

#### Counseling/Anticipatory Guidance

Yes  No

#### Referral to Specialty Care

Yes  No

Yes  No  
*(Please specify specialist)*

#### Restorative/Emergency Care

Fillings:  Yes  No

Crowns:  Yes  No

Extractions:  Yes  No

Emergency care:  Yes  No

Other:  Yes  No  
*(Please specify)*

**Treatment planning**

### Future Oral Health Care Services

All treatment completed:  Yes  No

Next recall date: \_\_\_\_ / \_\_\_\_ (month/year)

More appointments needed for treatment?  Yes  No

If yes: Approximate number of appointments needed: \_\_\_\_ Next appointment: Date: \_\_\_\_ Time: \_\_\_\_

### Additional Information for Parents, Head Start Staff, and Medical Providers

### Oral Health Provider's Contact Information and Signature

Provider name *(please print)*

Phone number

Fax number

Practice name

Address

Provider signature

Date of service

# Important Note

- The oral health form is optional
  - Programs may opt to use their own form instead of the standard form
  - If program uses their own form we encourage you to add the BSS indicators to the form



# Contact Information

**Kathy Phipps, RDH, MPH, DrPH**  
Morro Bay, CA

[kathyhipps1234@gmail.com](mailto:kathyhipps1234@gmail.com)

805-776-3393



THE NATIONAL CENTER ON  
**Health**



THE NATIONAL CENTER ON  
**Health**

# Oregon's Battle for a Universal Assessment Form

The National Center on Health  
Linda Mann, EPDH  
DHL, State of Oregon  
DHL Webinar  
2/28/2014

- **Description of Oregon Head Start Dental Home Initiative team**

- Collaboration of large group of invested parties such as:
  - Head Start Staff
  - Community Dental Professionals
  - First Tooth Program (ECC Prevention program administered by the Oregon Oral Health Coalition)
  - OHSU School of Dentistry
  - State Medicaid representatives

**Goal: To create partnerships between the dental community and Head Start to ensure dental homes for Head Start and Early Head Start children across Oregon.**



THE NATIONAL CENTER ON  
**Health**

- Background: Frustrations and problems with multiple assessment forms being used within one county by multiple Head Start programs.
- Recognition of need for a consistent way to collect data.
- Introduction of one standardized form for use across the state: paper form and iPad app. One form that can be used by dental offices and also by EPDH's out in the field.



THE NATIONAL CENTER ON  
Health

Cancel

# Head Start Varnish and Screening Form

Save

## Patient Info

OHP #

#####

Child's Name / Nombre del Niño/a

Jane Doe

DOB / Fecha de Nacimiento (MM-DD-YY)

08-13-10

Gender / Genero

M

F

## Procedures Performed

Limited Dental Exam by Dentist / Examen Dental Limitado de Dentista

No / No

Yes / Si

Dental Hygiene Screening / Deteccion Dental

No / No

Yes / Si

Fluoride Varnish Application / Aplicación de Fluoruro Barniz

No / No

Yes / Si

## Screening Results



THE NATIONAL CENTER ON  
Health

iPad 10:32 AM 97%

Cancel **Head Start Varnish and Screening Form** Save

## Screening Results

Cavities (Untreated) / Caries (sin Tratamiento)

No / No  Yes / Si

Fillings (Treated) / Empastes (Tratados)

No / No  Yes / Si

Early Childhood Caries / Las Caries de la Primera Infancia

No / No  Yes / Si

Treatment Urgency / Urgencia de Tratamiento

0 = No Obvious Problem / Ninguna Problema Obvio >

See your dentist at least yearly.  
Mira su dentista a los menos anual.

Comments / Comentarios

>

## Initial Visit Record

No initial visit record found.

**Done**



THE NATIONAL CENTER ON  
**Health**

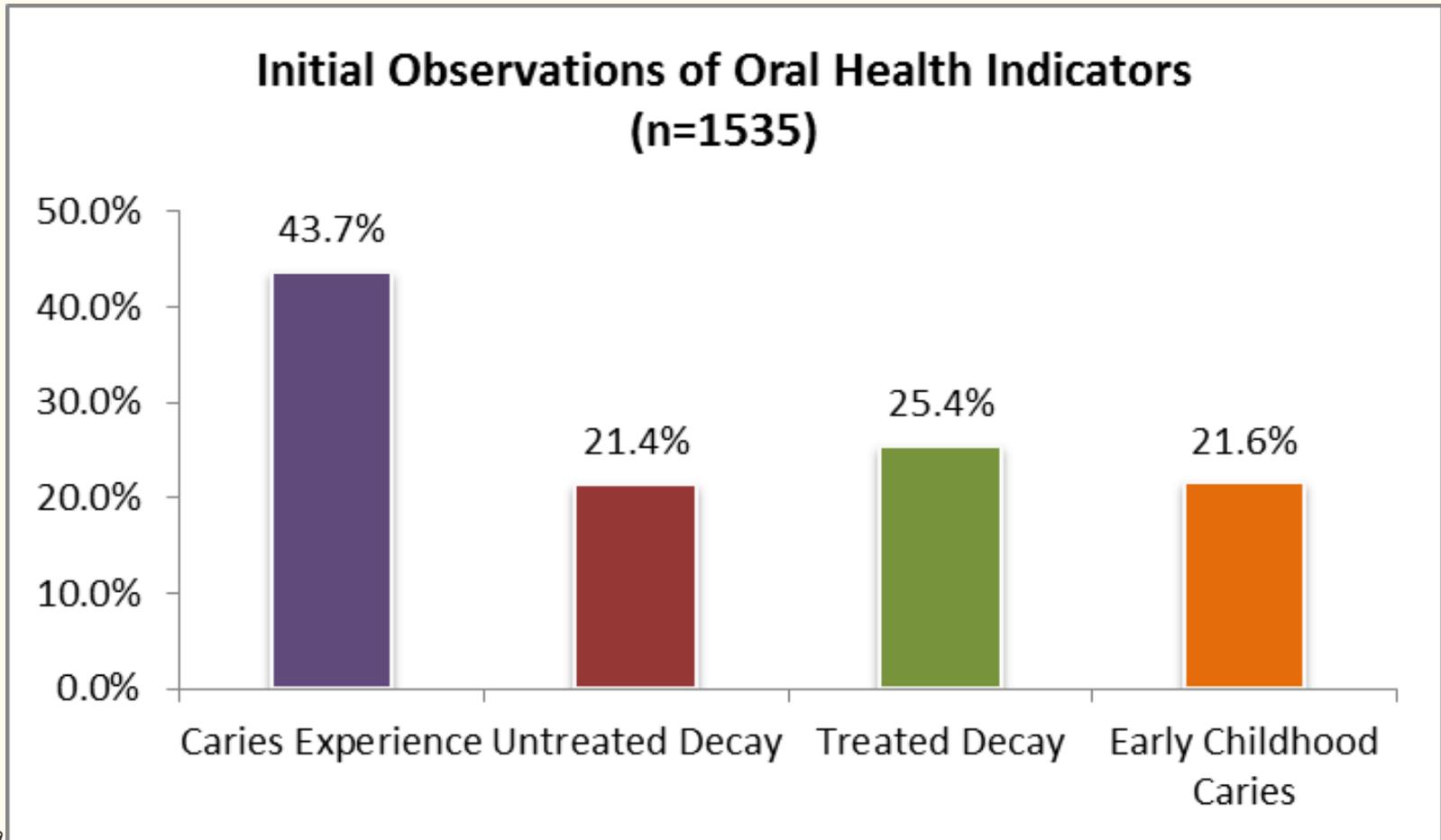
- Benefits and Limitations of iPad app:
  - Benefits:
    - Reduces or eliminates the use of paper forms
    - Highly customizable
    - Data entry happens only once (vs. writing down on paper forms, then entering into a spreadsheet or database for use in the field)
    - Cost's less than hiring a data entry person
    - Workflow is optimized for use in the field
    - Can work offline in areas with no internet access, storing local copies of entered data until Internet becomes available
    - Data easily exported to Excel for reporting and



- Limitations:
  - Current iPad app works best as a simple form replacement(data upload only), rather than a patient data manager
  - Due to third party software limitations, the end user cannot pre-load records to the iPad: an administrator must do this through the back-end.
  - This works for situations where repeat patients are not expected, e.g. WIC; less ideal when the user needs to see previously recorded patient data
  - iPad app slows down if too many records are pre-loaded.

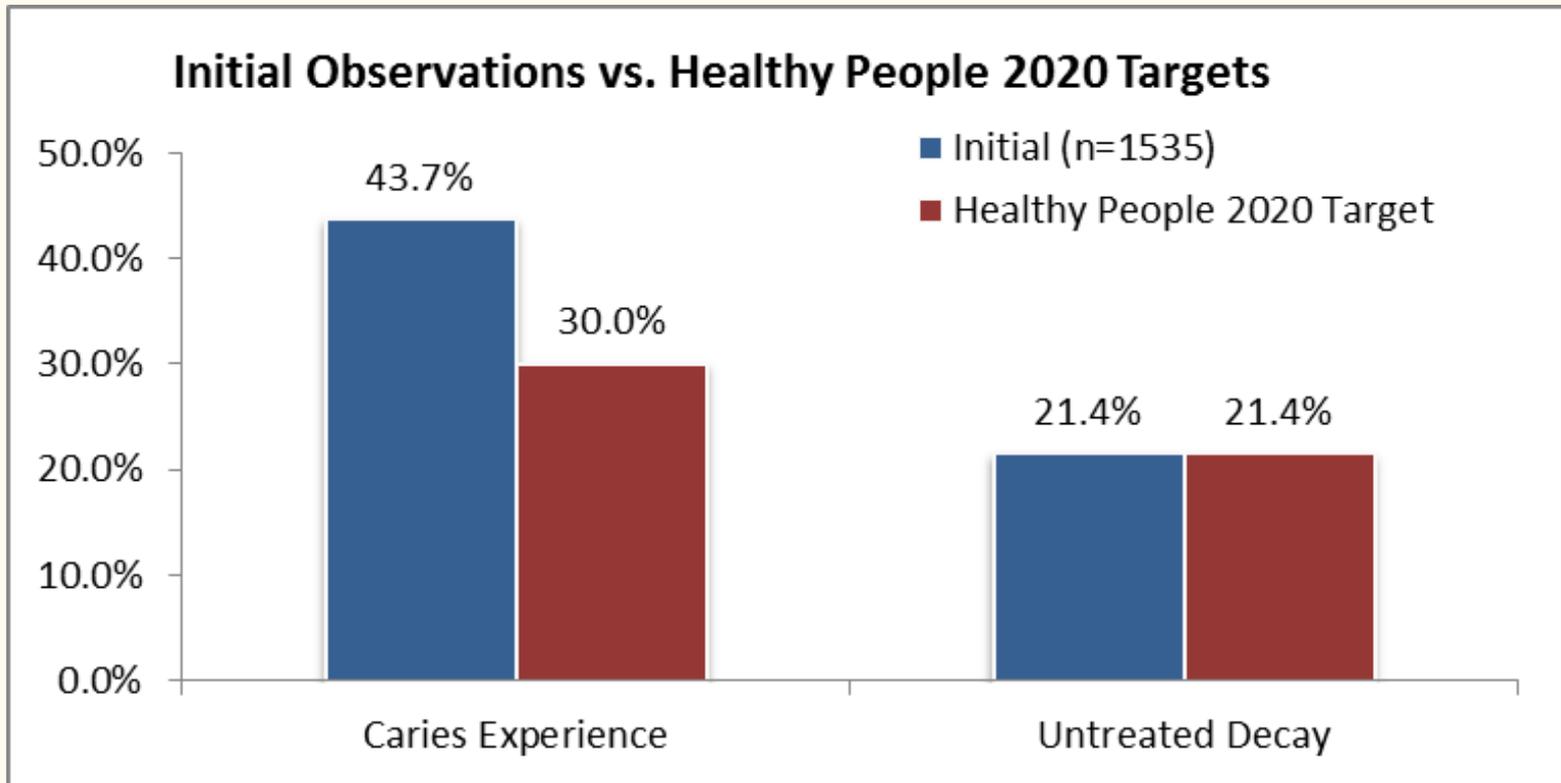


Examples of data collected:



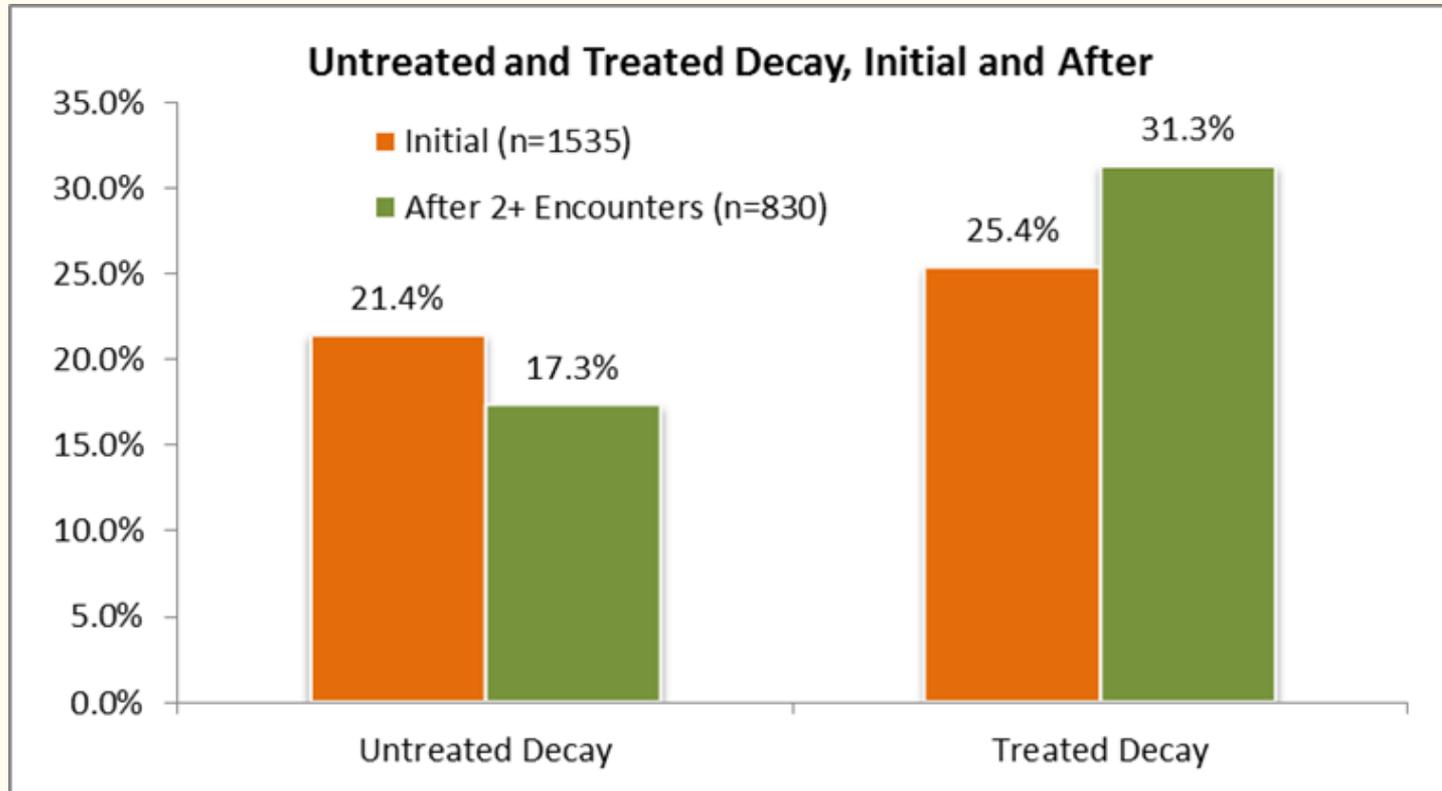
THE NATIONAL CENTER ON  
Health

Examples of data collected:



THE NATIONAL CENTER ON  
Health

Examples of data collected:



THE NATIONAL CENTER ON  
**Health**

## Next Steps:

- **Expansion of use across all Head Start programs in the state of Oregon**
- **Development of new app- the “Dental Data Manager”, (DDM) is currently in development and will offer a richer set of tools more suited to managing a community-based oral health program, including data filters, report generation, billing and more.**



THE NATIONAL CENTER ON  
**Health**

# What is happening at the National Level?

The office of Head Start, National Center of Health released recommended Oral Health Forms in 2013. These forms may be found on the Early Childhood Learning and Knowledge (ECLKC) website in the Oral Health section:

**Note: Link removed due to technical difficulties with website. A link will be sent to the DHLs as soon as it is available.**

Link to the HS Oral Health Form for the Child:

<http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/health/docs/oral-health-form-children.pdf>

Available forms include three versions; one for Children, one for Pregnant Women, and one for use for both child and pregnant women. A sample provider letter is also available as well as a FAQ section on the use of the forms.



THE NATIONAL CENTER ON  
Health

# Contact Information

Linda Mann, EPDH  
Director, Community Outreach  
Capitol Dental Care  
[lindasuemann@gmail.com](mailto:lindasuemann@gmail.com)

Brent Hughes  
Technical Support  
Oral Health Solutions  
[bhughes@oralhs.com](mailto:bhughes@oralhs.com)  
510-629-4929 x 802



THE NATIONAL CENTER ON  
**Health**

# National Center on Health Contact Information

Toll-Free: 888-227-5125

Email: [nchinfo@aap.org](mailto:nchinfo@aap.org)

Website: <http://eclkc.ohs.acf.hhs.gov/hslc/tta-system/health/center>



THE NATIONAL CENTER ON  
**Health**