



**Saving Lives. Protecting People.
Saving Money through Prevention.**

**On the Horizon: CDC Division of Oral Health
RADM William Bailey**

National Oral Health Conference

April 23, 2013

**National Center for Chronic Disease Prevention and Health Promotion
Division of Oral Health**



A message from the Surgeon General



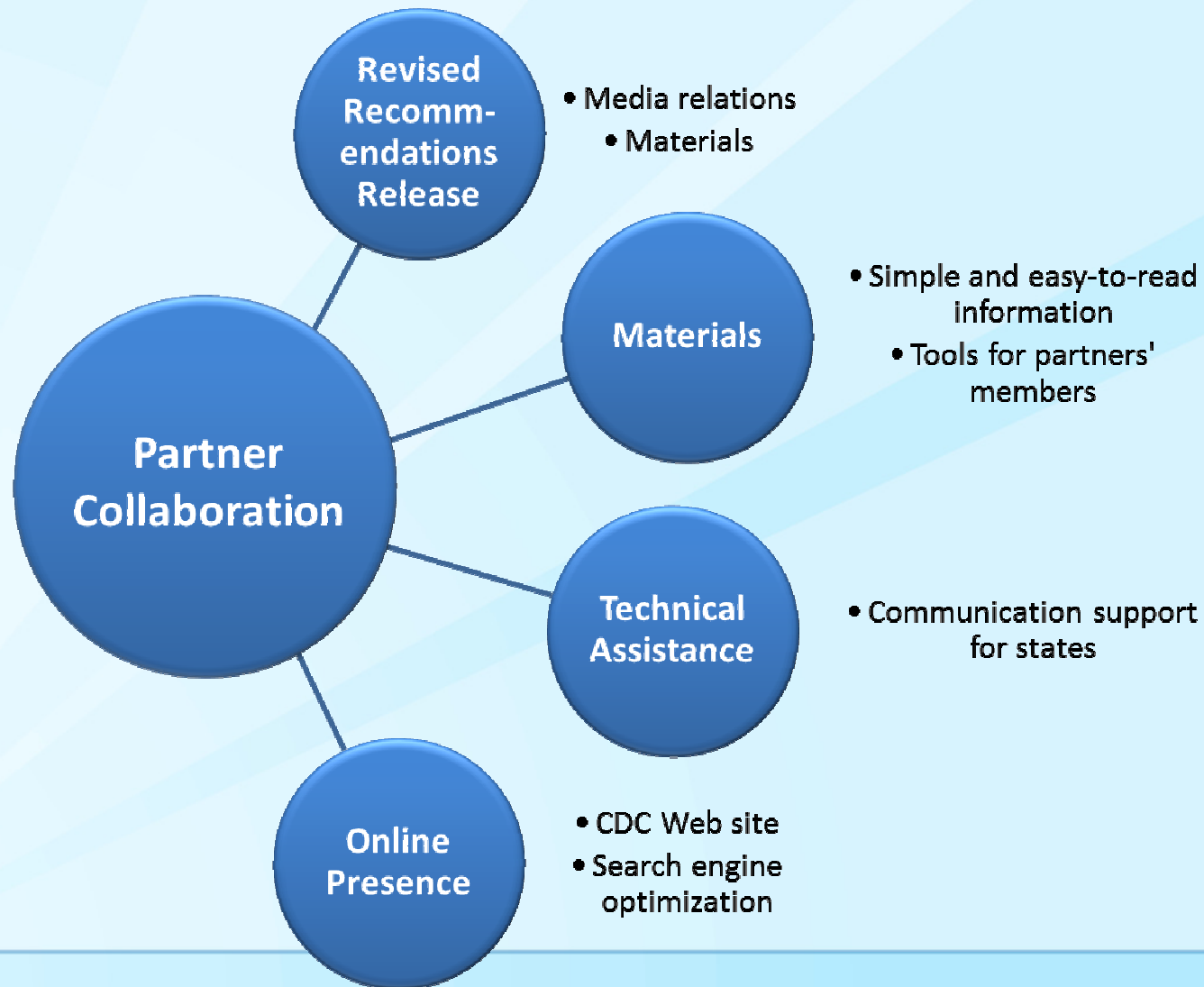
*Regina M. Benjamin, MD, MBA
VADM U.S. Public Health Service
Surgeon General*

YOUR LOGO
HERE

On the Horizon: CDC Division of Oral Health

- **Fluoridation**
- **Infection Control**
- **Surveillance**
- **Support of State Programs**

CDC's Water Fluoridation Communications Plan



Water fluoridation

PRINCIPLES AND PRACTICES

What's Your Role?

In order to view only the most relevant content, please select your role from the list below.

- Water Treatment Operator
- State Drinking Water Engineer
- State Public Health Official
- Federal Official
- Private Practice Engineer
- Local, State or Federal Official

OR

- View All Content

Continue

- Accessible Version





MMWR™

Morbidity and Mortality Weekly Report

Recommendations and Reports

December 19, 2003 / Vol. 52 / No. RR-17

Guidelines for Infection Control in Dental Health-Care Settings — 2003



INSIDE: Continuing Education Examination

**DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION**

National Health and Nutrition Examination Survey (NHANES)

- ❑ *Self-reported measures*
- ❑ *Clinical measures*
- ❑ *What's new?*



NHANES Oral Health Menu

	2009	2010	2011	2012	2013	2014
<i>Examiner</i>	<i>RDH</i>	<i>RDH</i>	<i>DDS</i>	<i>DDS</i>	<i>DDS</i>	<i>DDS</i>
<i>Caries child</i>	<i>BSE</i>	<i>BSE</i>	<i>Surface</i>	<i>Surface</i>	<i>Surface</i>	<i>Surface</i>
<i>Caries adult</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>No</i>	<i>Surface</i>	<i>Surface</i>
<i>Sealants</i>	<i>BSE</i>	<i>BSE</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
<i>Perio clinical</i>	<i>Clin Valid</i>	<i>Clin Valid</i>	<i>Clin Valid</i>	<i>Clin Valid</i>	<i>Clin Valid</i>	<i>Clin Valid</i>
<i>Perio self</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>	<i>Yes</i>
<i>Fluorosis</i>	<i>Upp Ant</i>	<i>Upp Ant</i>	<i>Full</i>	<i>Full</i>	<i>Full</i>	<i>Full</i>
<i>Fsis Digital</i>	<i>Field Test</i>	<i>Field Test</i>	<i>Valid</i>	<i>Valid</i>	<i>Valid</i>	<i>Valid</i>
<i>F at home</i>					<i>Yes</i>	<i>Yes</i>
<i>Data release</i>				<i>09-10</i>		<i>11-12</i>

Periodontal Disease Strategic Priorities

- *Update the prevalence of periodontitis among adults in the United States.*
- *Determine the validity of self-report questions for use in surveillance of periodontitis.*

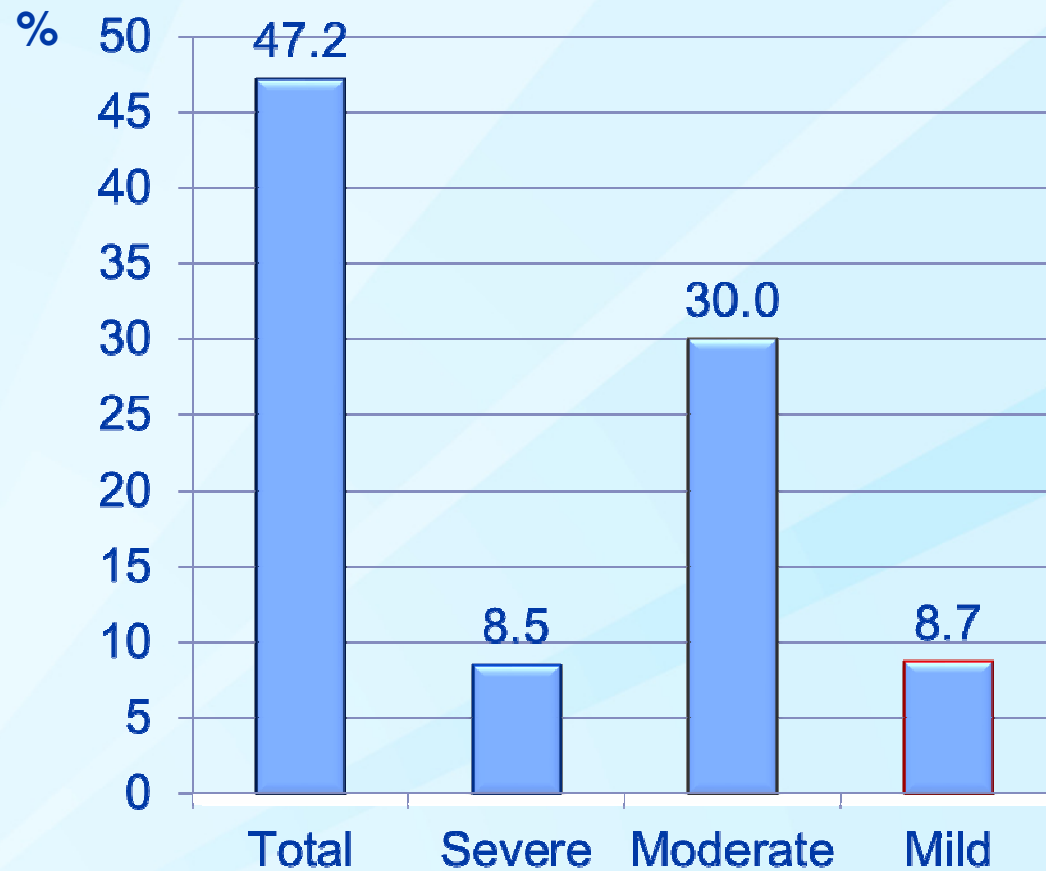
Case Definitions Proposed for Population-Based Surveillance of Periodontitis

- **Severe Periodontitis** - ≥ 2 interpromaxial sites with CA loss ≥ 6 mm (not on same tooth) and ≥ 1 interproximal sites with PD > 5 mm
- **Moderate Periodontitis** - ≥ 2 interproximal sites with CA loss ≥ 4 mm (not on same tooth); OR ≥ 2 interproximal sites with PD > 5 mm (not on same tooth)
- **Mild Periodontitis** - ≥ 2 interproximal sites with ≥ 3 mm CA loss, and ≥ 2 interproximal sites with ≥ 4 mm pocket depth (not on same tooth) or 1 site with ≥ 5 mm PD
- **No Periodontitis** - No evidence of mild, moderate or severe periodontitis

Page RC and PI. Eke. Case Definitions for Use in Population-Based Surveillance of Periodontitis. *Journal of Periodontology* July 2007, Vol. 78, No. 7s, Pages 1387-1399

Eke PI, RC Page, L Wei, G Thornton-Evans, RJ. Genco. Update of the Case Definitions for Population-Based Surveillance of Periodontitis. *Journal of Periodontology*; March.2012

Prevalence of Periodontitis in U.S. Adults ≥ 30 years



Eke PI, Dye B, Wei L, Thornton-Evans G, R Genco. Prevalence of periodontitis in adults in the United States 2009 and 2010. J Dent Res. 9 (10) 2012

Future Directions :

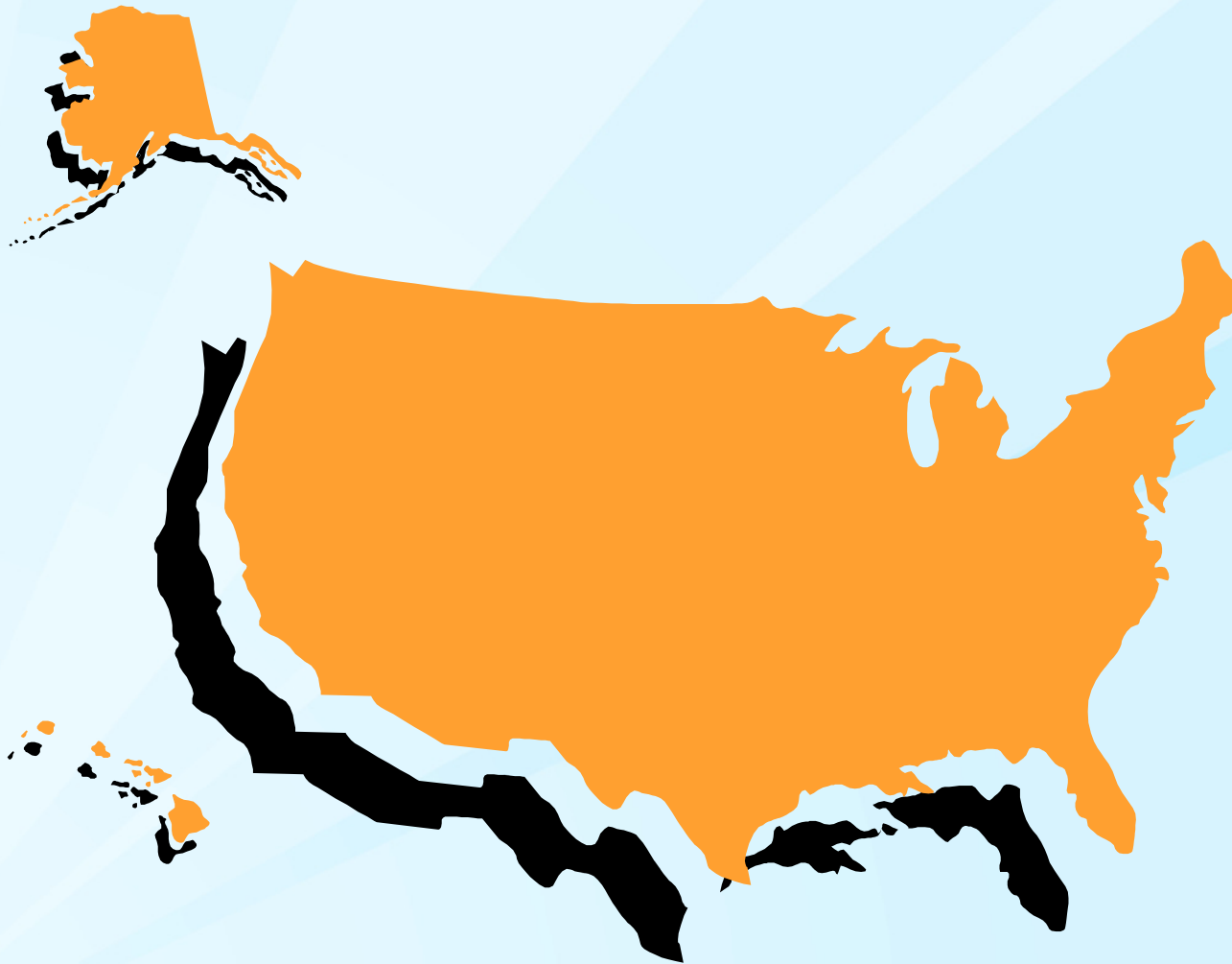
Use of self-reported measures for surveillance of periodontitis

- *Behavioral Risk Factor Surveillance System (BRFSS) – use of self-reported measures in the survey to estimate state and local burden of periodontitis*
- *National Health and Nutrition Examination Survey (NHANES) – use of self-reported measures between survey cycles using full mouth periodontal examination cycles e.g., after 2014*

National Oral Health Surveillance System (NOHSS) Revision Highlights

- *Extended number and topic areas (add **24 new indicators** to the 10 existing indicators)*
- *Cover more populations (i.e., **low income, pregnant, and diabetic populations**)*
- *Address **cross-cutting areas** (i.e., dental care among diabetic population)*
- *Add **caries among younger children** (i.e., kindergarten, Head Start) and **older adults***
- *Add **dental treatment needs***
- *Add **new data sources** (i.e., NSCH, PRAMS, CMS, BSS for older adults and younger children)*
- *Most indicators are from existing, publicly available data sources that place **no new burden of data collection** or reporting on states*

Support for State Oral Health Programs



Thank you!

For more information please contact Centers for Disease Control and Prevention

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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

National Center for Chronic Disease Prevention and Health Promotion

