



# Think Teeth: New Developments in Medicaid Children's Oral Health

September 26, 2013

# Today's Presentation

- Discuss the value of Medicaid and CHIP and their role in oral health outcomes
- Learn about new oral health research
- Highlight CMS resources to help you share key oral health messages with pregnant women and parents of young children



# Children's Health Coverage: Moving in the Right Direction

- Between 2008 and 2012, **1.7 million** children gained coverage, mainly through Medicaid and CHIP
- Participation rate moved from 81.7% in 2008 to 87.2% in 2011
- But there is still **more work to do**
  - Millions more children and teens are eligible but not enrolled

Sources: HHS News Release <http://www.hhs.gov/news/press/2013pres/07/20130702b.html>

Medicaid/CHIP Participation Among Children and Parents, 2012

<http://www.urban.org/UploadedPDF/412719-Medicaid-CHIP-Participation-Among-Children-and-Parents.pdf>



InsureKidsNow.gov

# Families Value Medicaid and CHIP

- More than 90% of parents are satisfied with their children's coverage
- Availability of dental care is a top factor motivating enrollment
  - 68% of parents chose dental care as a top reason for enrolling their child
  - 81% of Spanish-speaking parents chose dental care as top reason

Source: Informing CHIP and Medicaid Outreach and Education.  
<http://www.insurekidsnow.gov/professionals/CHIP-Medicaid-Survey-Topline.pdf>



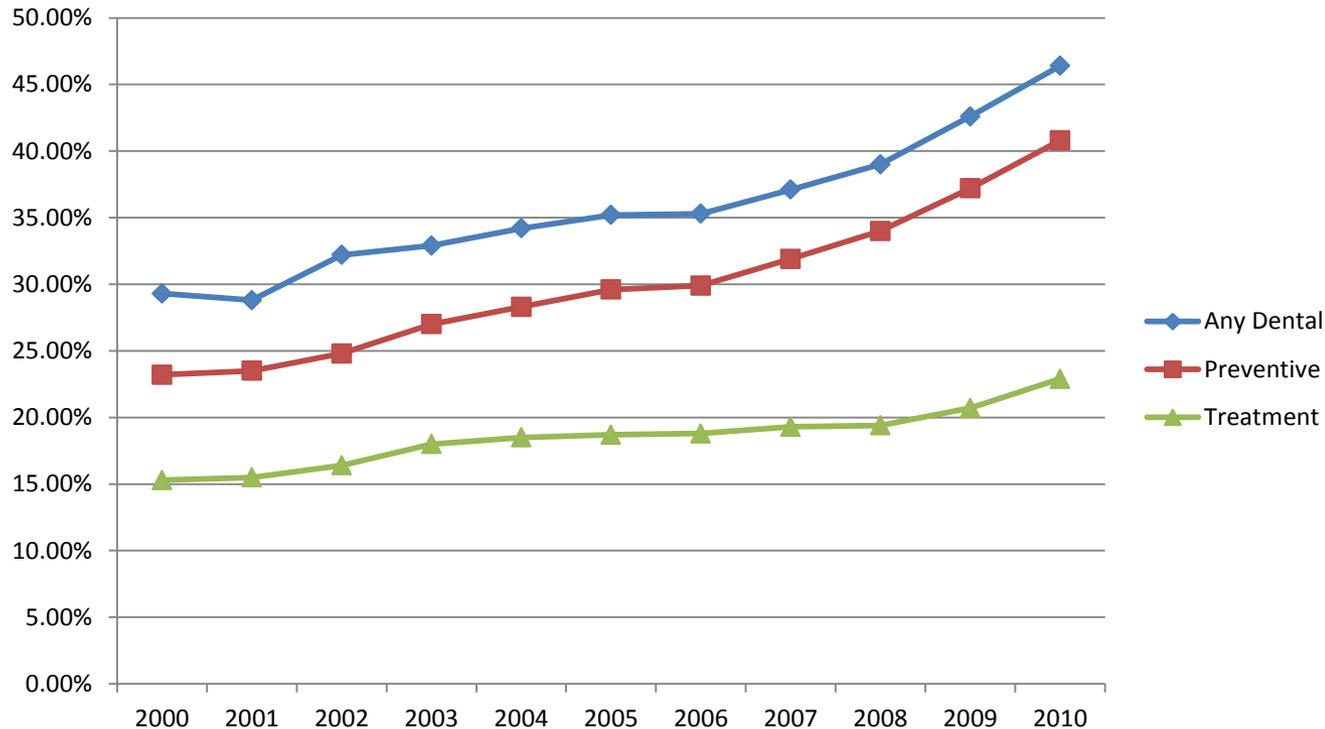
# Medicaid & CHIP Children's Dental Benefits

- Teeth cleanings
- Check ups
- X-rays
- Fluoride treatments
- Dental sealants
- Fillings



# Steady Progress in Access to Dental Care

Changes in the Percentage of Children Ages 1–20 Covered by Medicaid and Receiving Dental Services, FY 2000–2010, National Averages



Source: Leighton Ku, et al., Increased Use of Dental Services by Children Covered by Medicaid: 2000-2010, Medicare & Medicaid Research Review, Vol. 3, No. 3 (2013).

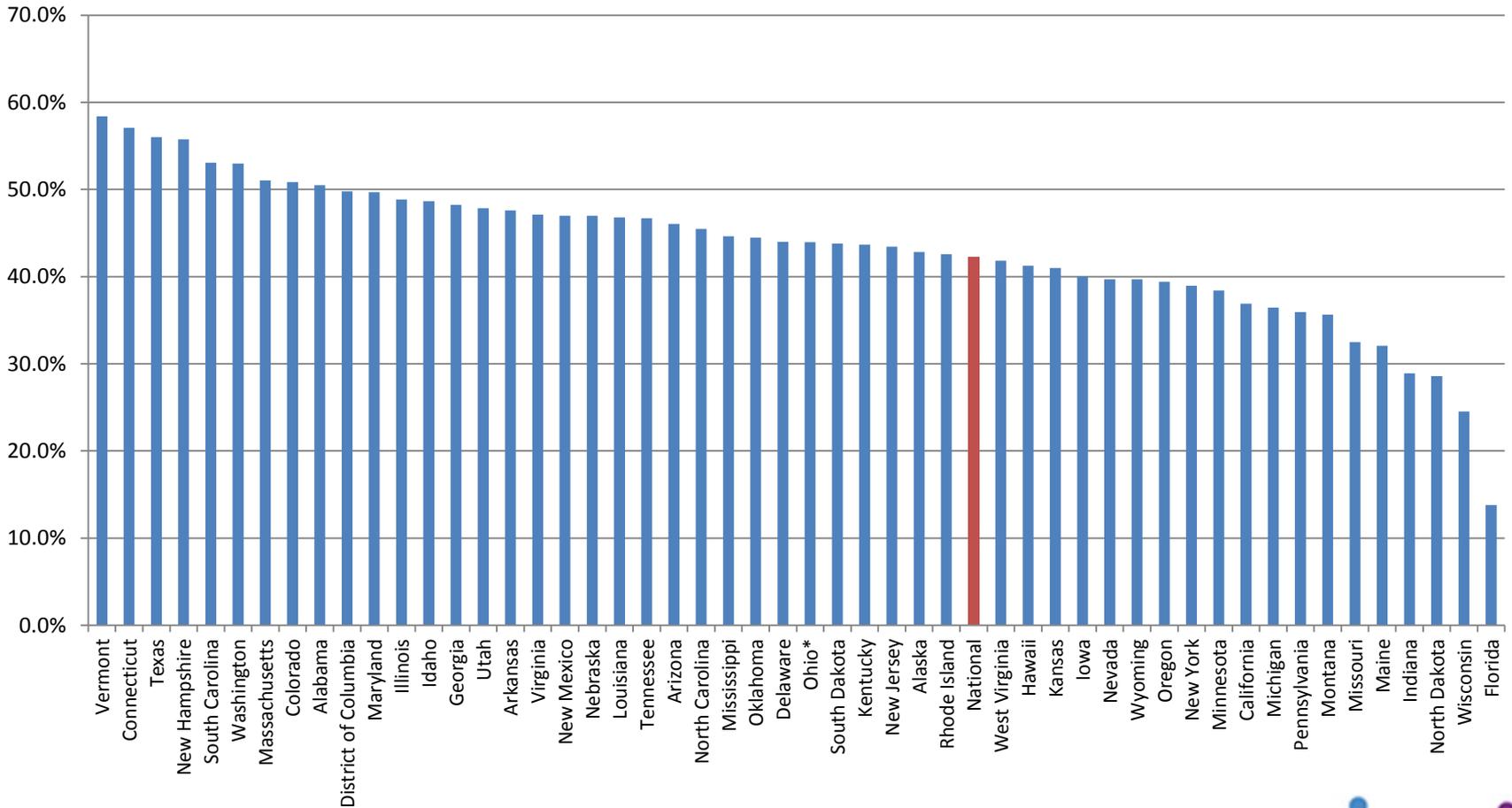


# CMS Children's Oral Health Initiative

- Goal #1 – Increase by **10 percentage points** the proportion of Medicaid and CHIP children ages 1 to 20 (enrolled for at least 90 days) who receive a preventive dental service.
  - Baseline year is FY 2011. National baseline is 42%.
  - Goal year is FY 2015. National goal is 52%.
  - Every state has its own baseline and goal.
- Goal #2 – Increase by **10 percentage points** the proportion of Medicaid and CHIP children ages 6 to 9 (enrolled for at least 90 days) who receive a dental sealant on a permanent molar tooth.
  - Baselines and goals to be set soon.



# Percentage of children, age 1-20, enrolled in Medicaid for at least 90 days who received any preventive dental service, FY2011 (12b)



Source: FY 2011 CMS-416 reports, Line 1b, 12b

Note: \*FY 2011 data for Ohio are not yet available so FY 2010 data was substituted. Estimates for OH are included in the National figure for FY 2011.



# Dental Services for Children and Parents in the HUSKY Program: Utilization Continues to Increase Since Program Improvements in 2008

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<http://www.ctvoices.org/sites/default/files/h13dentalcare11useincreasesfull.pdf>

This report was prepared by Connecticut Voices for Children under a contract between the Department of Social Services and the Hartford Foundation for Public Giving, with data management and analyses by MAXIMUS, Inc.



# Connecticut's HUSKY Program: Dental Services for Children and Parents

- Connecticut's Medicaid and CHIP programs cover dental services for children and adults, including parents and pregnant women
- Connecticut funds independent performance monitoring in the HUSKY Program
- Major program changes in 2008
  - **Dental services:** carved-out of managed care
  - **Client and provider assistance:** enhanced
  - **Reimbursement for child services:** increased

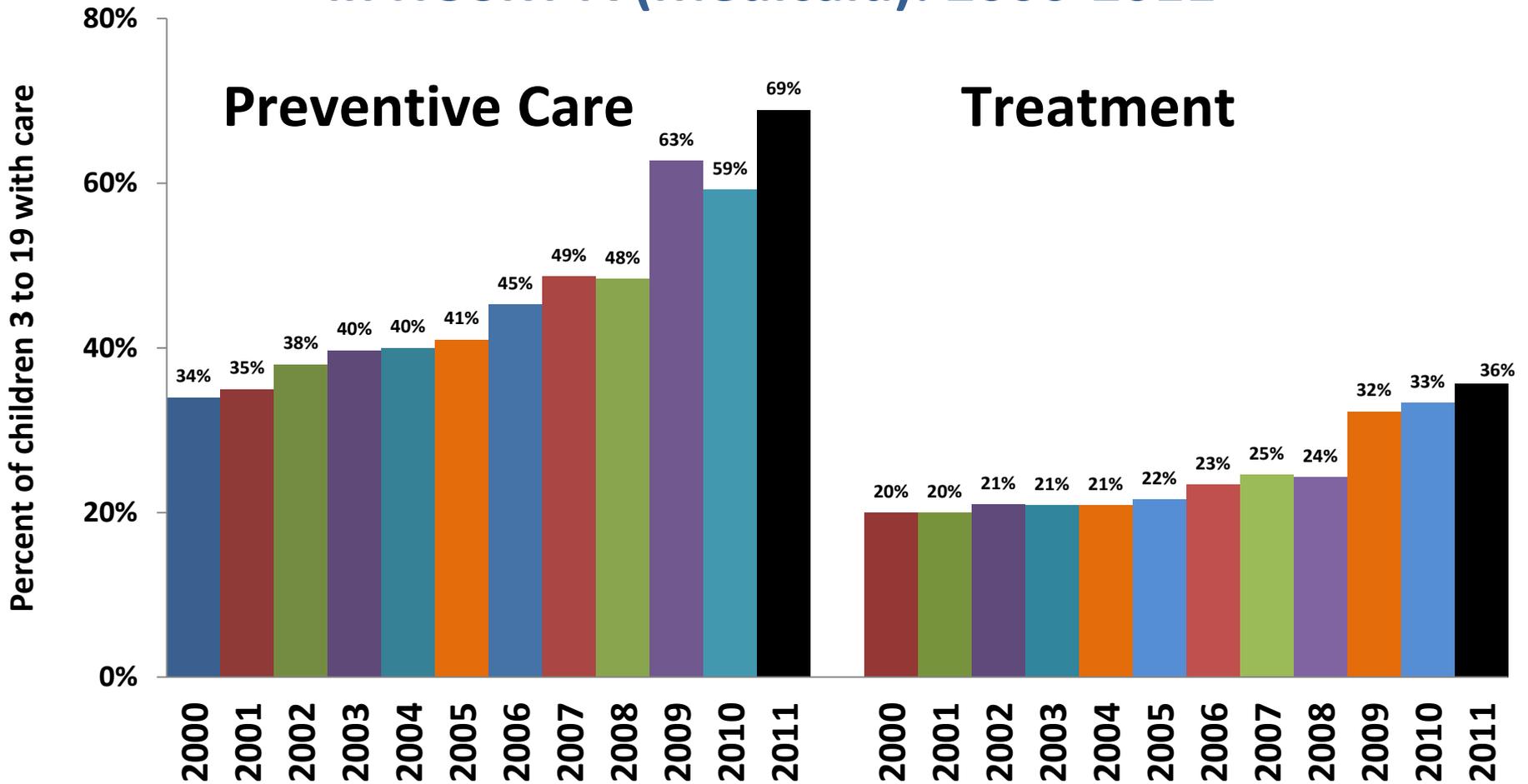


# Provider Reimbursement for Selected Dental Services

Procedure	Fees for Children's Services			Fees for Adult Services		
	2005	2011	Increase	2005	2011	Increase
Periodic oral evaluation	\$18.80	\$35.00	86%	\$10.34	\$18.20	76%
Limited evaluation-- problem	\$20.80	\$48.00	131%	\$11.44	\$24.96	118%
Comprehensive oral evaluation	\$24.58	\$65.00	164%	\$13.52	\$33.80	150%
Bitewings (2 views)	\$16.54	\$32.00	94%	\$9.10	\$16.64	83%
Amalgam (1 surface)	\$30.82	\$95.00	208%	\$16.96	\$49.40	191%
Amalgam (2 surfaces)	\$39.14	\$114.00	191%	\$21.53	\$59.28	175%
Extraction-erupted tooth	\$34.44	\$115.00	234%	\$18.94	\$59.80	216%



# Dental Care for Children and Adolescents in HUSKY A (Medicaid): 2000-2011



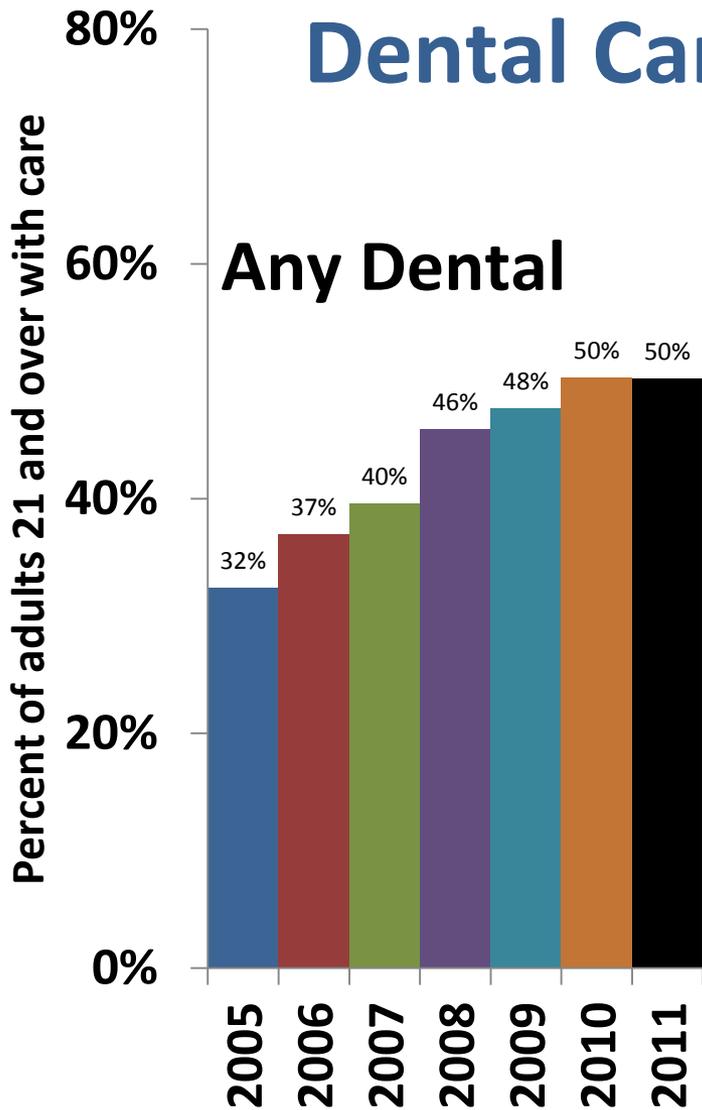
# Additional Evidence of Improvement

Indicator	2008	2011
<b>Young children with preventive care:</b>		
• Age 1	8%	25%
• Age 2	21%	51%
<b>2+ preventive care visits : Ages 2-19</b>	<b>31%</b>	<b>50%</b>
<b>Sealants placed:</b>		
Ages 6-8	26%	33%
Ages 9-11	25%	34%
Ages 12-14	26%	37%

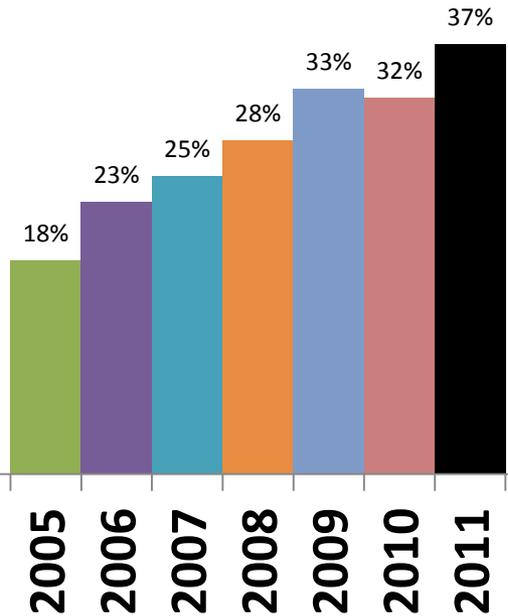


# Dental Care for Parents in HUSKY A: 2005-2011

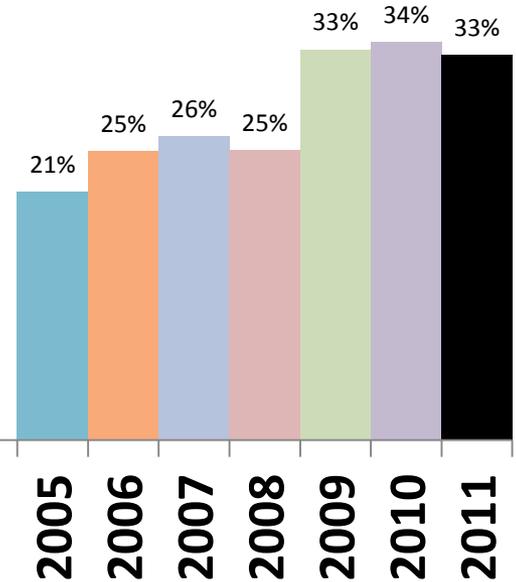
## Any Dental



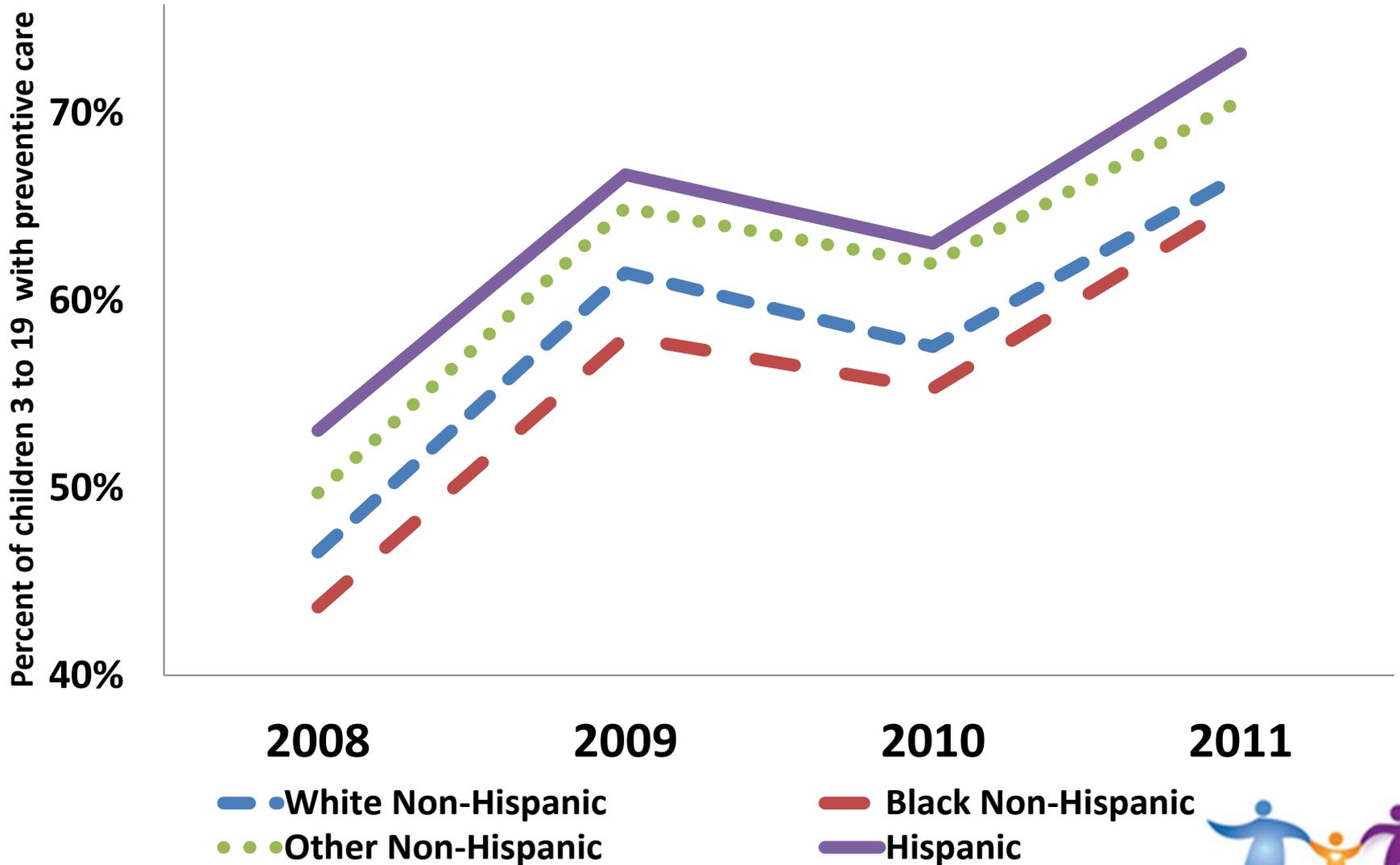
## Preventive Care



## Treatment



# Racial/Ethnic Differences Persist



# The Relationship Between Medical Well Baby Visits and First Dental Checkups for Young Children in Medicaid

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# Research Hypotheses

- First dental visit for all children by age 12 months (AAPD 2012-13)
- Medical well baby visit (WBVs) (Sieber & Mariotti 2011)
- 10 WBVs by age 36 months (AAP)
- WBVs as a conduit for earlier first dental visits for infants in Medicaid

## Two Hypotheses

Frequency of WBVs → earlier first dental visits

Earlier first WBVs → earlier first dental visits



# Iowa Medicaid Data

- Born in 2000 and enrolled in Medicaid for 41 months (N=6,332)
- Survival analysis

## Outcome: Age at first dental visit (months)

### Predictor 1: WBV Frequency

#### Age Period

Birth to 12 months

12 months to 24 months

24 months to 41 months

#### AAP WBVs

1m, 2m, 4m, 6m, 9m

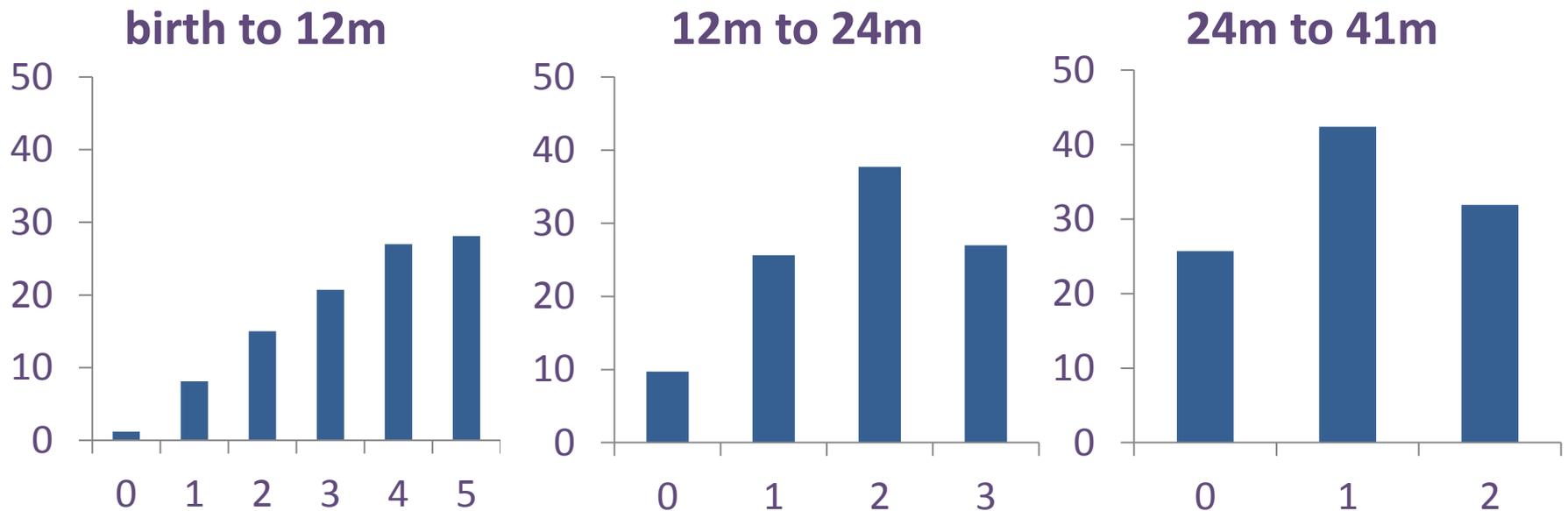
12m, 15m, 18m

24m, 36m

### Predictor 2: Age at first WBV (months)



# % of Medicaid-enrolled infants with specified number of WBVs by age



# Results

WBV Variables	Hazard Ratio	95% CI	P-value
WBV Frequency			
• Birth to 12 months	0.97	0.93, 1.02	0.20
• 12m to 36m	<b>2.96</b>	<b>1.41, 6.15</b>	<b>0.004</b>
• 36m to 41m	<b>1.25</b>	<b>1.14, 1.36</b>	<b>&lt;0.0001</b>
Age at First WBV	6.07	0.79, 46.65	0.08

- Number of WBVs before age 12m not related to earlier first dental visits
- **More WBVs** age 12m to 41m related to **earlier** first dental visits
- Age at first WBV not related to earlier first dental visits

Chi DL, Momany ET, Jones MP, Kuthy RA, Askelson NM, Wehby GL, Damiano PC. (2013). The relationship between medical well baby visits and first dental checkups for young children in Medicaid. American Journal of Public Health. Feb;103(2):347-354.



# Clinical, Policy and Public Health Implications

- Emphasis on earlier first dental visits during early life WBVs (birth to age 12m)
- Medical and dental collaborations to ensure consistent oral health messaging
- STAY TUNED...





**Questions & Answers**



# Keep Kids Smiling: Promoting Oral Health Through the Medicaid Benefit for Children & Adolescents



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Early and Periodic Screening, Diagnostic and Treatment (EPSDT)

September 2013

<http://www.medicaid.gov/Medicaid-CHIP-Program-Information/By-Topics/Benefits/Dental-Care.html>



# Materials to Promote Oral Health



**Think Teeth**  
**See Your Dentist**  
**While You Are Pregnant**

Tear pad



**Piense en**  
**sus dientes**  
**Visite a su**  
**dentista durante**  
**su embarazo**

<http://www.insurekidsnow.gov/professionals/dental/index.html>



# Materials to Promote Oral Health



**Think Teeth  
Every Step of The Way**

**Give your baby healthy teeth from the start.**

**It's easy!**

- Gently brush baby's teeth twice a day. Use a tiny amount of fluoride toothpaste.
- Take your baby to the dentist by her first birthday. Continue regular check-ups as recommended.
- Tooth decay is caused by bacteria. Your baby can "catch" the bacteria from you.
  - Keep your mouth healthy.
  - Don't share cups or spoons.
- Put only water, milk or formula in bottles or sippy cups.
- Don't put your baby to bed with a bottle or sippy cup.
- Limit sweet snacks and sugary drinks, including juice.

Medicaid and CHIP cover children's dental services, such as teeth cleanings, check-ups, x-rays, fluoride, dental sealants and fillings. Your child could be eligible!

To enroll your child or find a dentist, call 1-877-KIDS-NOW or visit [InsureKidsNow.gov](http://InsureKidsNow.gov).

For more information about new, affordable health insurance options for the whole family through the Health Insurance Marketplace, visit [HealthCare.gov](http://HealthCare.gov).

CMC Product No. 11017-0

Poster/Flyer

<http://www.insurekidsnow.gov/professionals/dental/index.html>



# Materials to Promote Oral Health

- Facebook posts
- Tweets
- Newsletter/blog articles
- Website buttons and banners
- Distribution tips



<http://www.insurekidsnow.gov/professionals/dental/index.html>



InsureKidsNow.gov



# Text4baby

- A **free** service of the National Healthy Mothers, Healthy Babies Coalition
- Text messages for key points in pregnancy and baby's first year
  - “Babies eat about 6-8 times a day now. If bottle feeding, don't prop bottle. It can cause choking, overeating & tooth decay.” week 14
  - “Keep brushing your child's teeth each day with a toothbrush & water. Ask your doctor or dentist what type of toothpaste baby should use.” week 45
- Sign up by texting **BABY (or BEBE for Spanish) to 511411**



# ACOG Remarks

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*Vice-chair*

American College of Obstetricians and Gynecologists  
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The American College of  
Obstetricians and Gynecologists  
WOMEN'S HEALTH CARE PHYSICIANS

# COMMITTEE OPINION

Number 569, August 2013

**Committee on Health Care for Underserved Women**

*Reviewed by the Oral Health Care During Pregnancy Advisory Committee. This committee is composed of representatives from the American College of Obstetricians and Gynecologists, the American Dental Association, and the Health Resources and Services Administration's Maternal and Child Health Bureau and coordinated by the National Maternal and Child Oral Health Resource Center at Georgetown University. The information should not be construed as dictating an exclusive course of treatment or procedure to be followed.*

## Oral Health During Pregnancy and Through the Lifespan

[www.acog.org/](http://www.acog.org/)

Committee Opinions #569



# Oral Health During Pregnancy

- Teeth cleaning, dental x-rays, local anesthesia are safe during pregnancy
  - Delaying needed dental work is risky
- Medicaid may cover oral health care during pregnancy and postpartum
- Decrease of cavity-causing bacteria from mother to baby
- Oral health is important
  - Do not neglect during pregnancy





**Next Steps**

# You Have an Important Role to Play

- Join us in spreading the word about:
  - Free and low-cost health insurance for pregnant women, children and teens – and how they can apply
  - Importance of good oral health habits for pregnant moms and kids up to age 3



# Tips for Providers

- Display materials in clinics and offices
- Send information home with patients
- Harness local OBGYN and hospital networks
  - Distribute flyers in information packets
  - Send information with visiting nurses and other home visitors
  - Encourage childbirth or parenting instructors to share materials in their classes



# Tips for Community Groups and Government Agencies

- Share materials on website, Facebook, blogs
- Use our drop-in newsletter articles
- Display materials in waiting areas; distribute at community events
- Share with professional networks; create joint planning opportunities for pediatricians and dentists or OBGYNs and dentists
- Encourage eligible pregnant women and children to enroll in Medicaid and CHIP for benefits including dental coverage



# Helpful Links

- Visit [www.insurekidsnow.gov](http://www.insurekidsnow.gov)
  - Download or order oral health education materials
  - Watch the TV PSA
  - Get ideas on how to help get eligible children enrolled
- Visit [www.medicaid.gov](http://www.medicaid.gov)
  - Download Keep Kids Smiling
- Subscribe to updates at <https://public-dc2.gov/delivery.com/accounts/USCMS/subscriber/new>
- Call **1-855-313-KIDS** or email [InsureKidsNow@fleishman.com](mailto:InsureKidsNow@fleishman.com) to find out more about outreach materials and activities



# Oral Health Social Media Blitz

- Children's Dental Health Project social media blitz starts today (Thanks CDHP!)
- Post or send messages on Twitter or Facebook, please use the #CMS hashtag
- To participate, send an email to Matt Jacob at CDHP ([mjacob@cdhp.org](mailto:mjacob@cdhp.org))





# Questions & Answers