

NCHS Update for the Board of Scientific Counselors



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Director, NCHS

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ADMINISTRATIVE AND BUDGET UPDATES



FY 2017 Budget Request

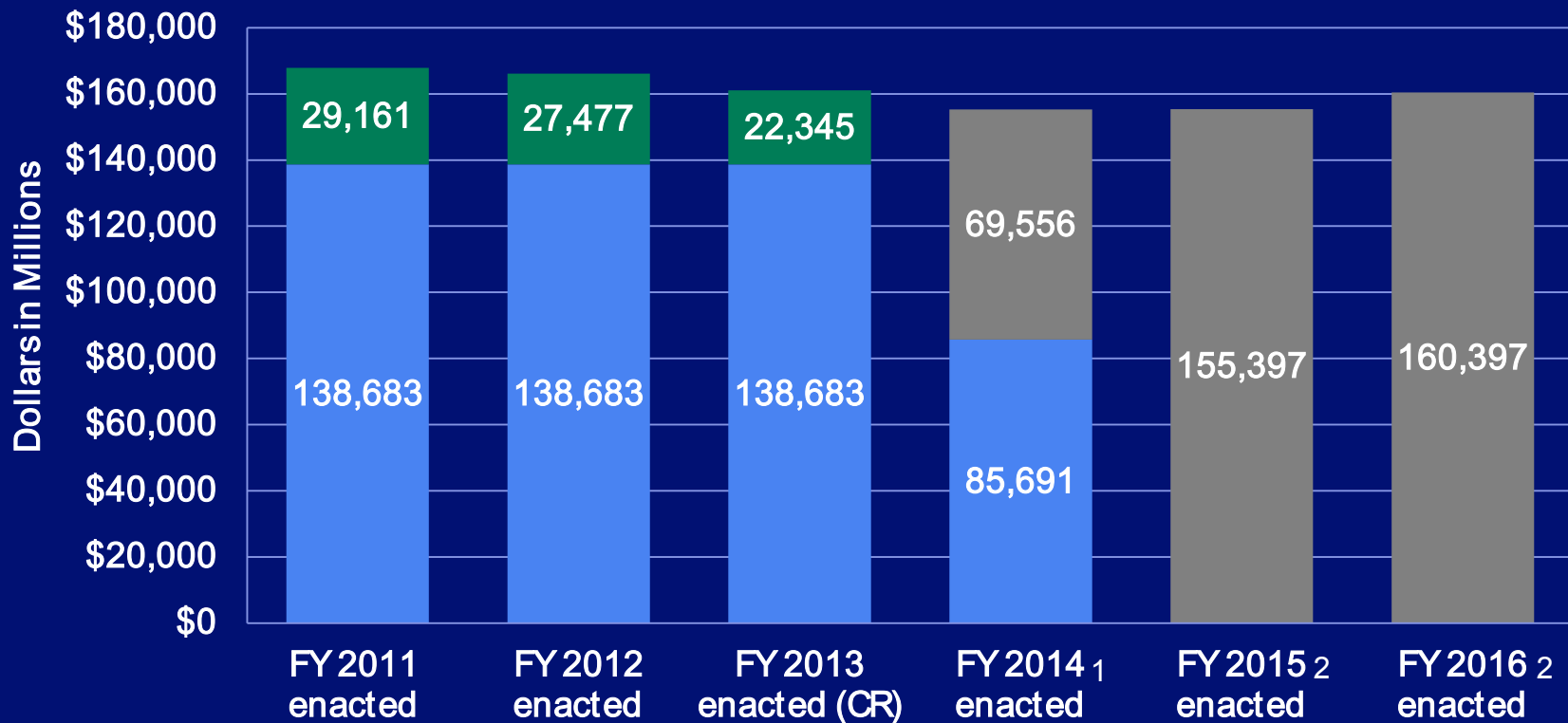
- **Requests \$160,397,000 for Health Statistics—level with FY 2016 enacted**
 - Includes funds for administrative and business services as part of the CDC Working Capital Fund (planning about \$17 million)
- **The appropriated amount is unknown.**
 - The Senate Committee report recommends \$156,000,000 (\$4.4 million less than requested).
 - The House Committee report recommends the requested amount.

FY 2018 Budget Request

- **Much of FY 2018 is unknown right now because of the upcoming presidential transition**
- **Staff are preparing various documents for the Department, and CDC leadership to prepare for the transition**
- **NCHS is making key decisions on how many vacancies to fill given the amount of uncertainty**
 - **Costs for data collection are rising**
 - **Level funding equals reduced spending**

NCHS Budget History

- Prevention and Public Health Fund
- Budget Authority
- Public Health Service (PHS) Evaluation Funds



¹Amount includes \$15,397 million in Budget Authority for administrative and business services through the CDC Working Capital Fund.

²Amount includes funding for administrative and business services through the CDC Working Capital Fund.

NOTE: CR is continuing resolution.

NCHS Comings and Goings

- **Congratulations Clarice Brown, enjoy retirement**
- **Denys Lau will be the Acting Director of DHCS**
- **Ernest Moy joined OAE as a Medical Officer**

BSC Comings and Goings

- **New member**
 - Meg Johantgan
- **Retiring members**
 - Michael Davern
 - Ana Diez-Roux
 - Genevieve Kenney
 - Thomas LaVeist
 - Javier Nieto

Evidence-Based Policymaking Commission

- **Established as part of bipartisan legislation to develop a strategy for increasing the availability and use of data to build evidence for decision making**
- **The Commission had their second meeting on September 9th**
- **NCHS has been working with ISCP on this issue since the initial legislation proposing the Commission was introduced**

Measuring Race Ethnicity

- **Potential changes in the way race/ethnicity are measured in the Census**
- **Would affect NCHS**
 - Surveys
 - Vital Statistics
- **Considering how to prepare for potential changes**

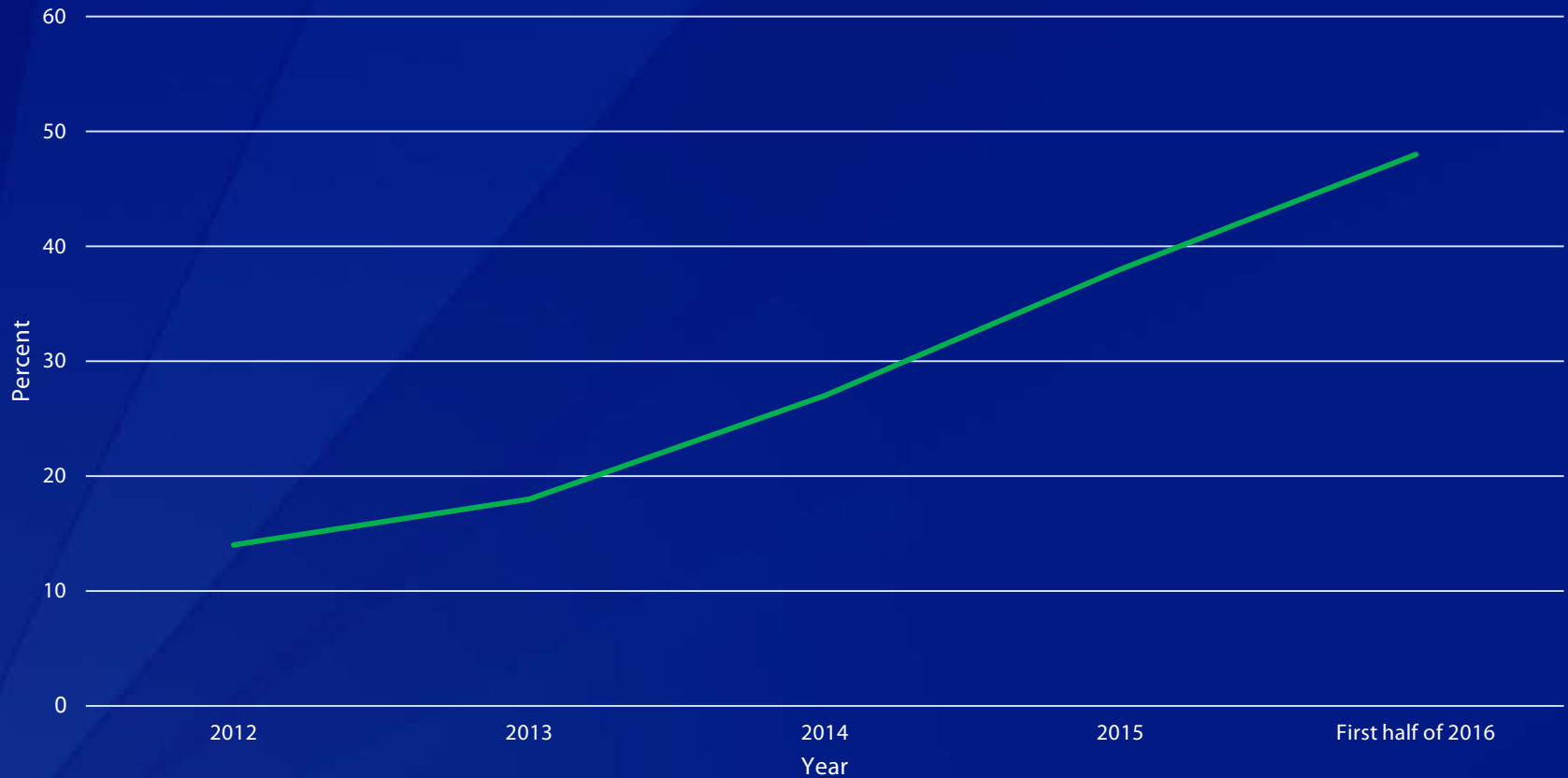
PROGRAM UPDATES



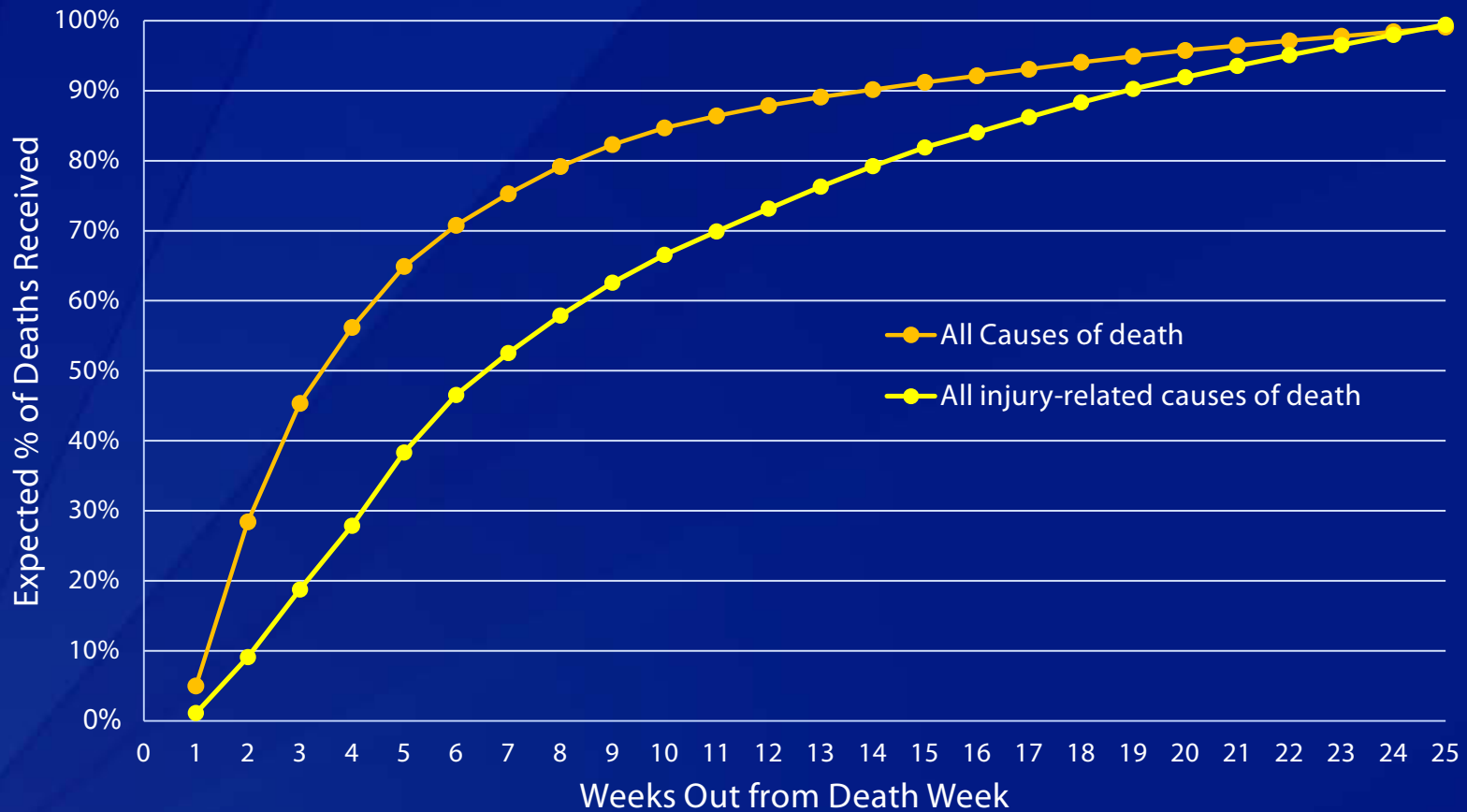
2018 NHIS Redesign

- **Most recent content redesign was 1997**
- **Necessary sampling frame redesign in 2016 introduced additional complexity**
- **Long-term planning can help sponsors target content**
- **Desire to slow the decline in response rates**

Improving Timeliness: Percent of deaths reported to NCHS within 10 Days of Event



Receipt of death records per week: United States, 2015-2016 through March



New Contract for Mortality Data

- **Propose new economic model for the financing of the National Vital Statistics System**
- **Develop a new economic model for the National Death Index that allows for paying states, but not charging researchers**
- **Plan, organize, and implement the Next Generation Electronic Death Registration System.**

New Natality Dashboard

 **NVSS** Vital Statistics Rapid Release
Quarterly Provisional Estimates

US fertility rate falls to lowest on record



By **Madison Park**, CNN
Updated 9:30 AM ET, Thu August 11, 2016



The Atlantic

Fewer Women Are Having Babies Than Ever Before

The percentage of females with infants is now the lowest in recorded U.S. history.



Home » Latest News » Living News » Health News » Fertility rates drop to...

Fertility rates drop to lowest level measured in the US, says the CDC

 By **ABC Radio** | @ABCRadio
August 10, 2016 8:45 am



What's Next for Quarterly Provisional Birth Estimates

- Estimates by maternal race/ethnicity
- Geographic detail by region of the US
- Additional indicators from the birth certificate
 - timing of prenatal care
 - NICU admission
 - Breastfeeding
 - pre-pregnancy BMI
- Infant mortality rates

Quarterly Provisional Estimates Plans for the next 12 months

- **Establish a routine and predictable release schedule**
- **Enhanced interactivity and data visualization**
- **Expand content**
- **Evaluate additional causes of death for inclusion**

Death Reporting Funding for Improvements:

Projects Ongoing with Selected States:

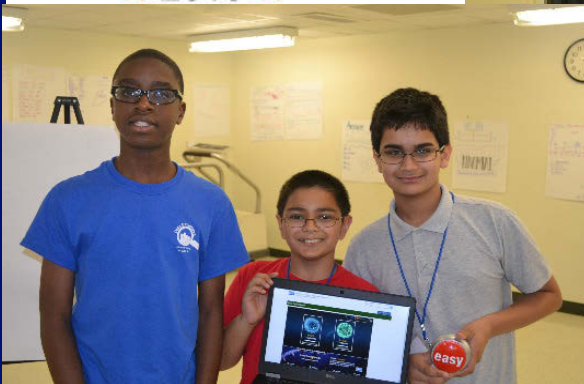
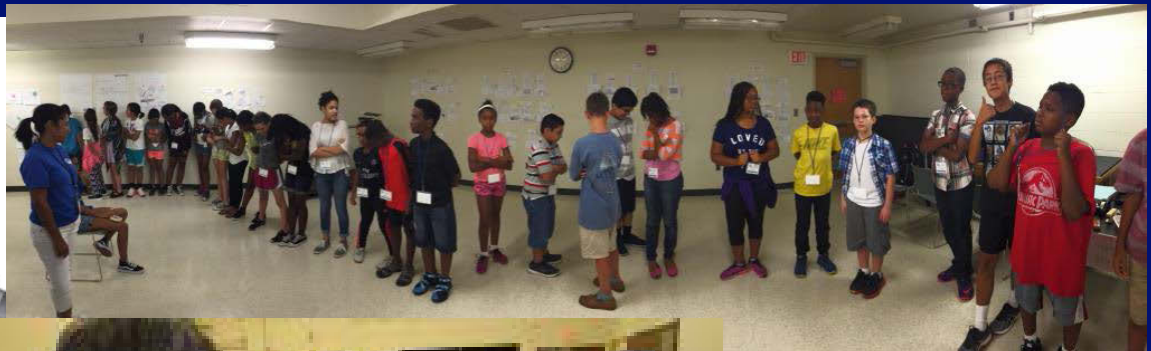
- **ME Coroner**
- **Literal text from death certificates**
- **Geocoding**
- **Targeted funding for improvements from 2012 - 2016 \$14,633,961 with 91% going directly to states**

HHS Research Data Centers: New Opportunities to Provide Access Across HHS

- NCHS, AHRQ, and SAMHSA have been working in collaboration—will launch in FY 2017
- New physical lab to open in the Parklawn building at 5600 Fishers Lane

Inspiring Future Statisticians Data Detectives Camp

- Opportunity to learn about statistics through a variety of fun, hands-on activities
- 30 kids participated in August at the UM Campus



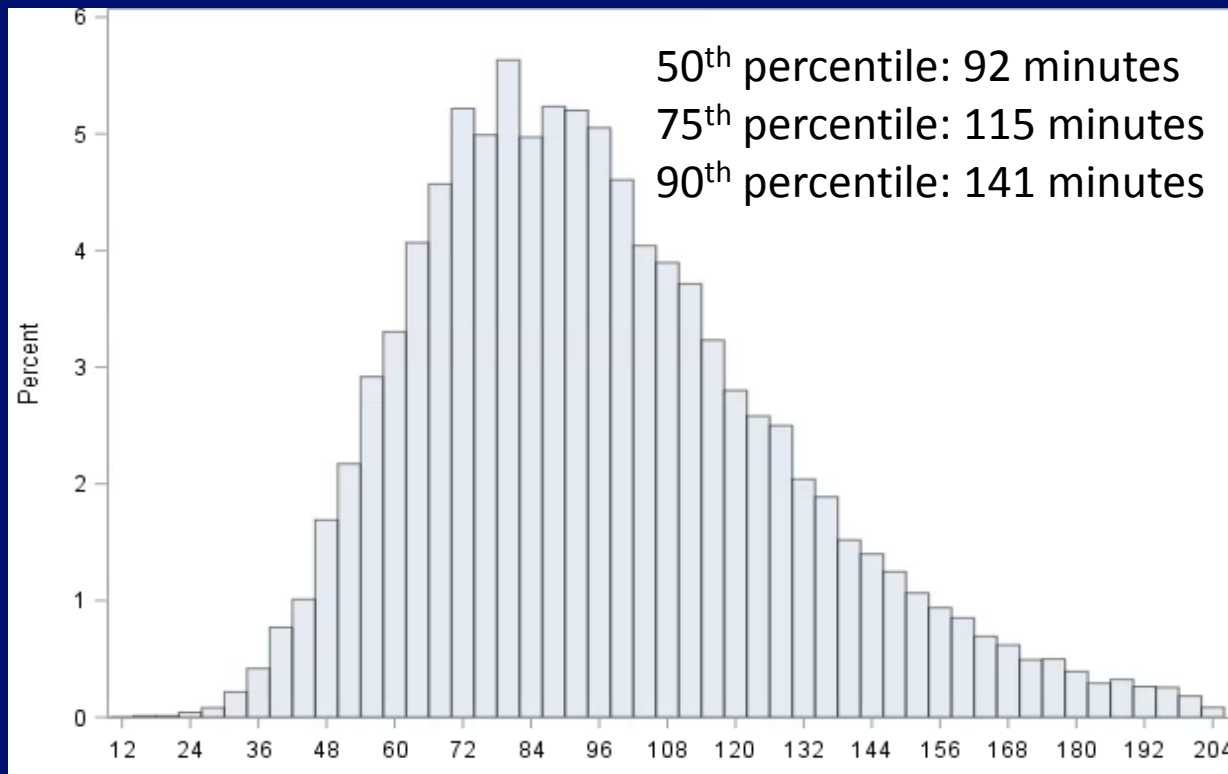
Trends in Response Rates

National Center for Health Statistics

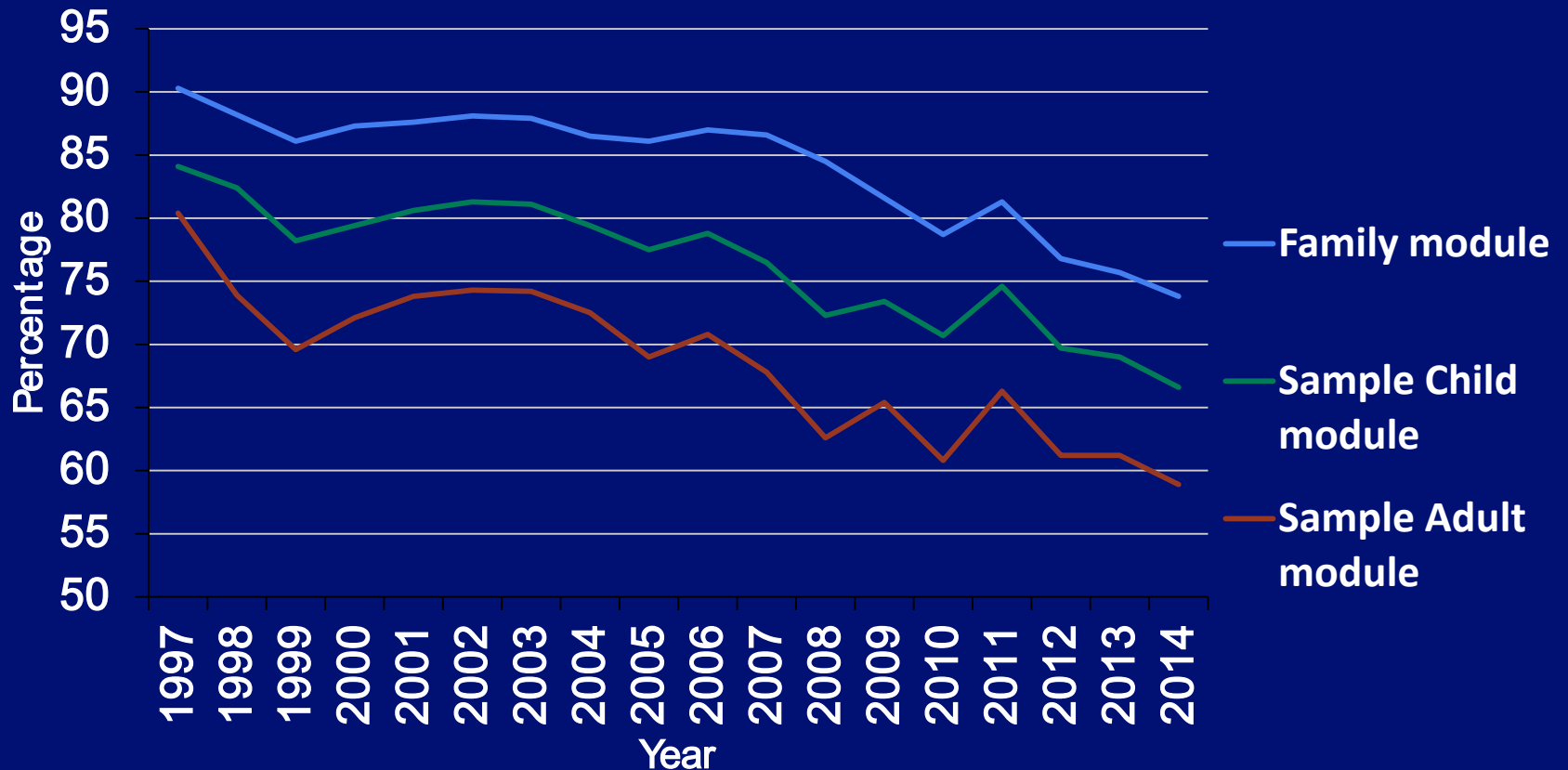
Division of the National Health and Nutrition Examination Surveys



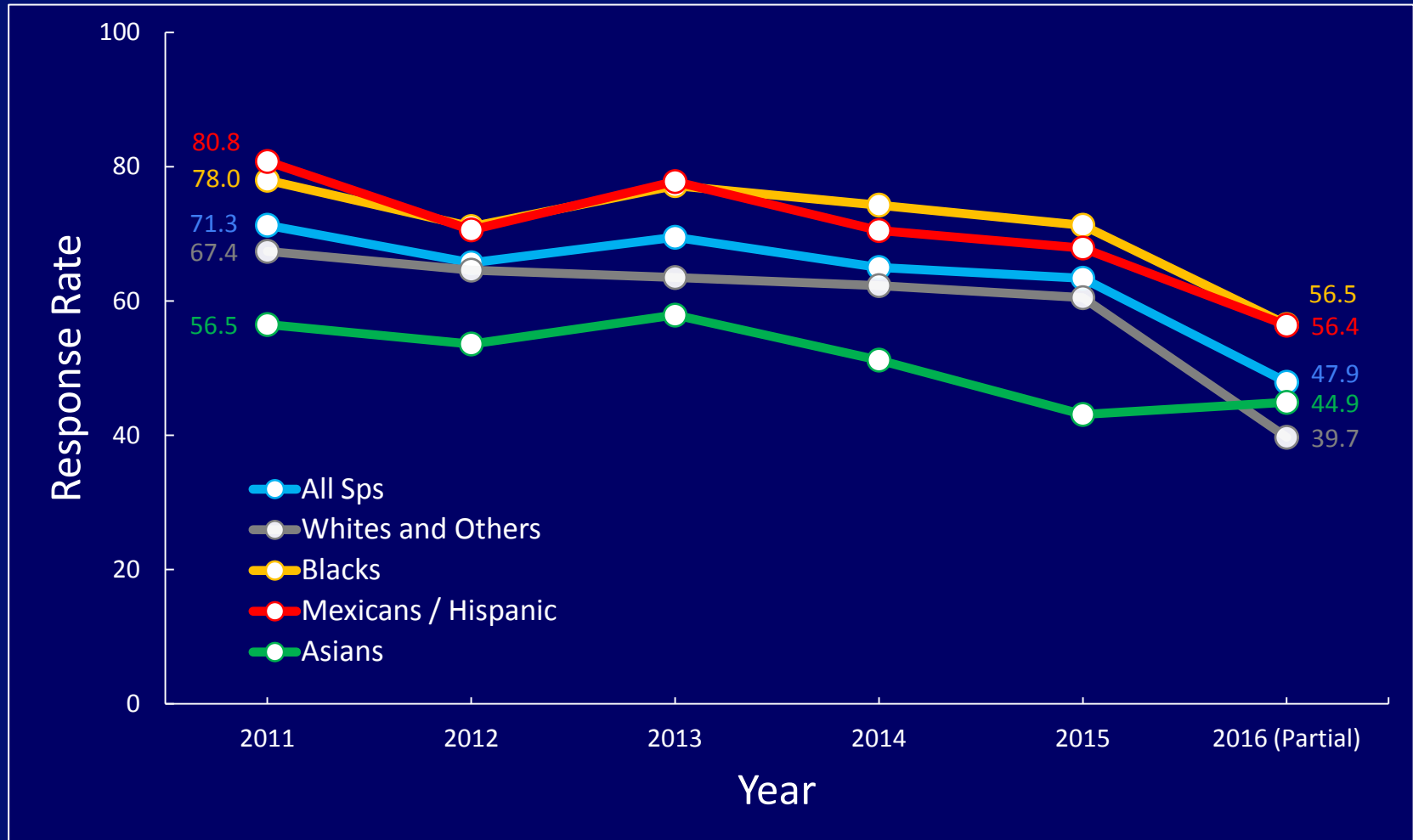
Distribution of Length of Completed Interviews (in minutes): NHIS, 2015



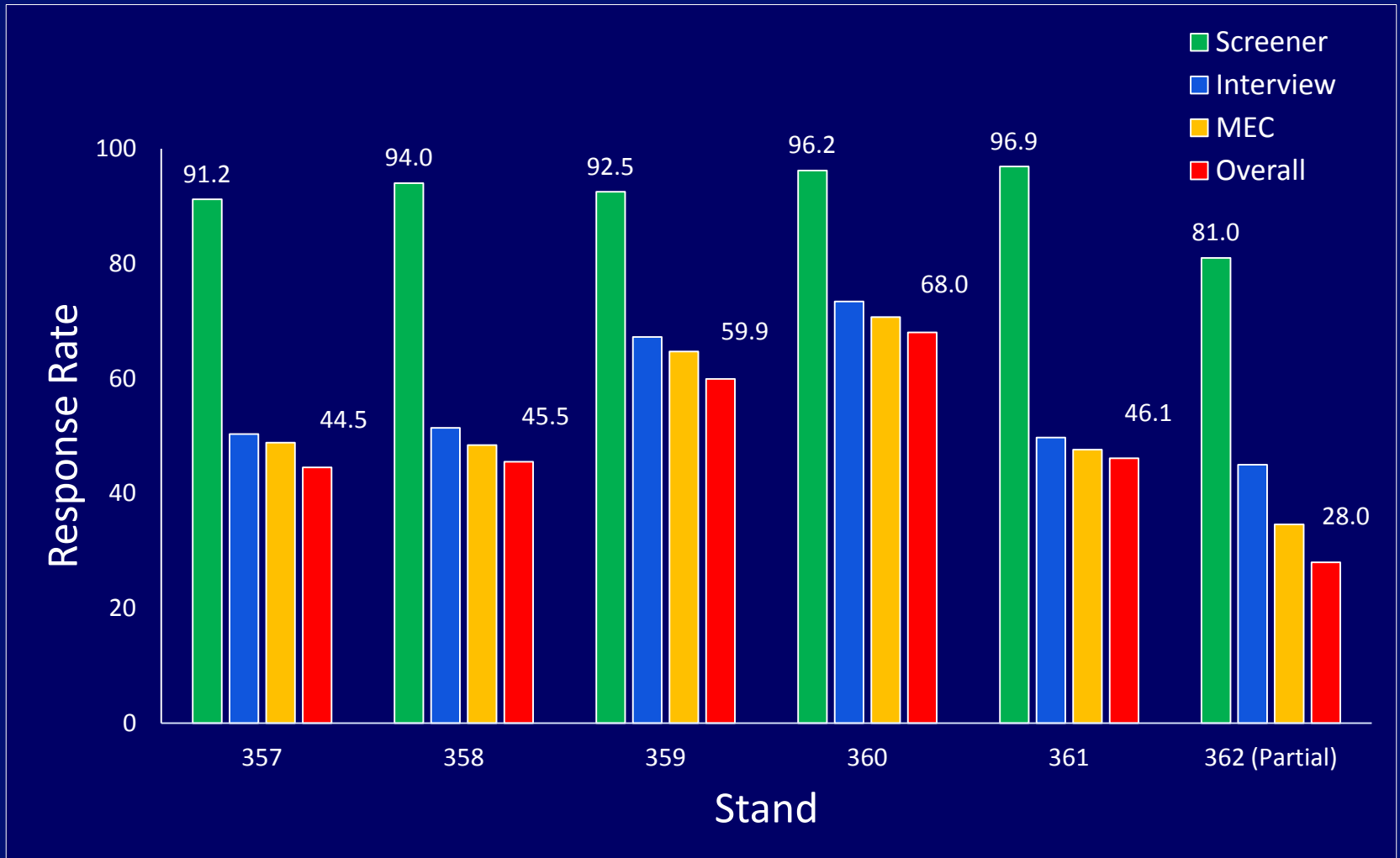
NHIS Family, Child, and Adult Response Rates, NHIS 1997-2014



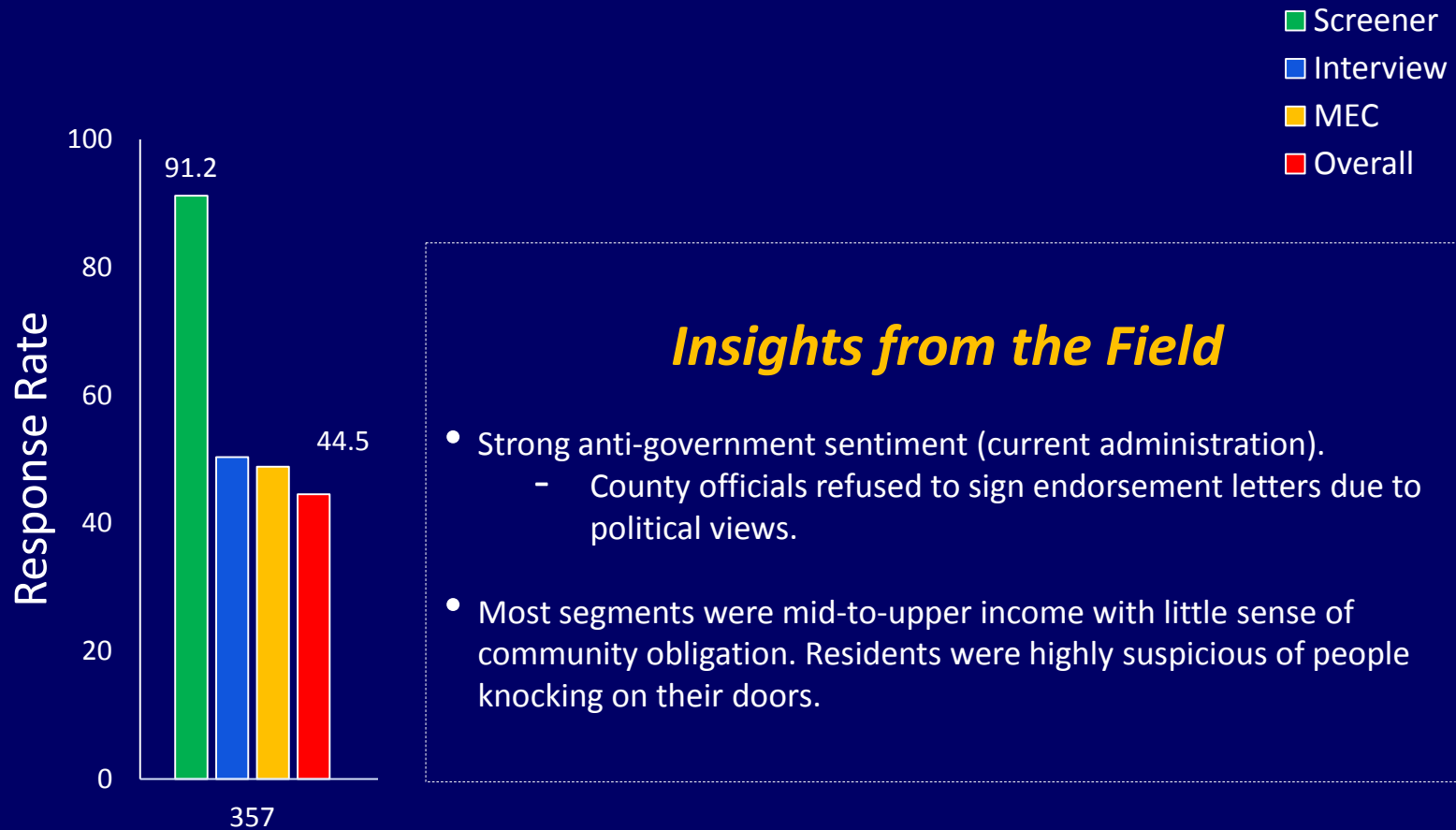
NHANES Selected Response Rates by Race and Ethnicity 2011-2016



NHANES 2016 Stand-Specific Response Rates



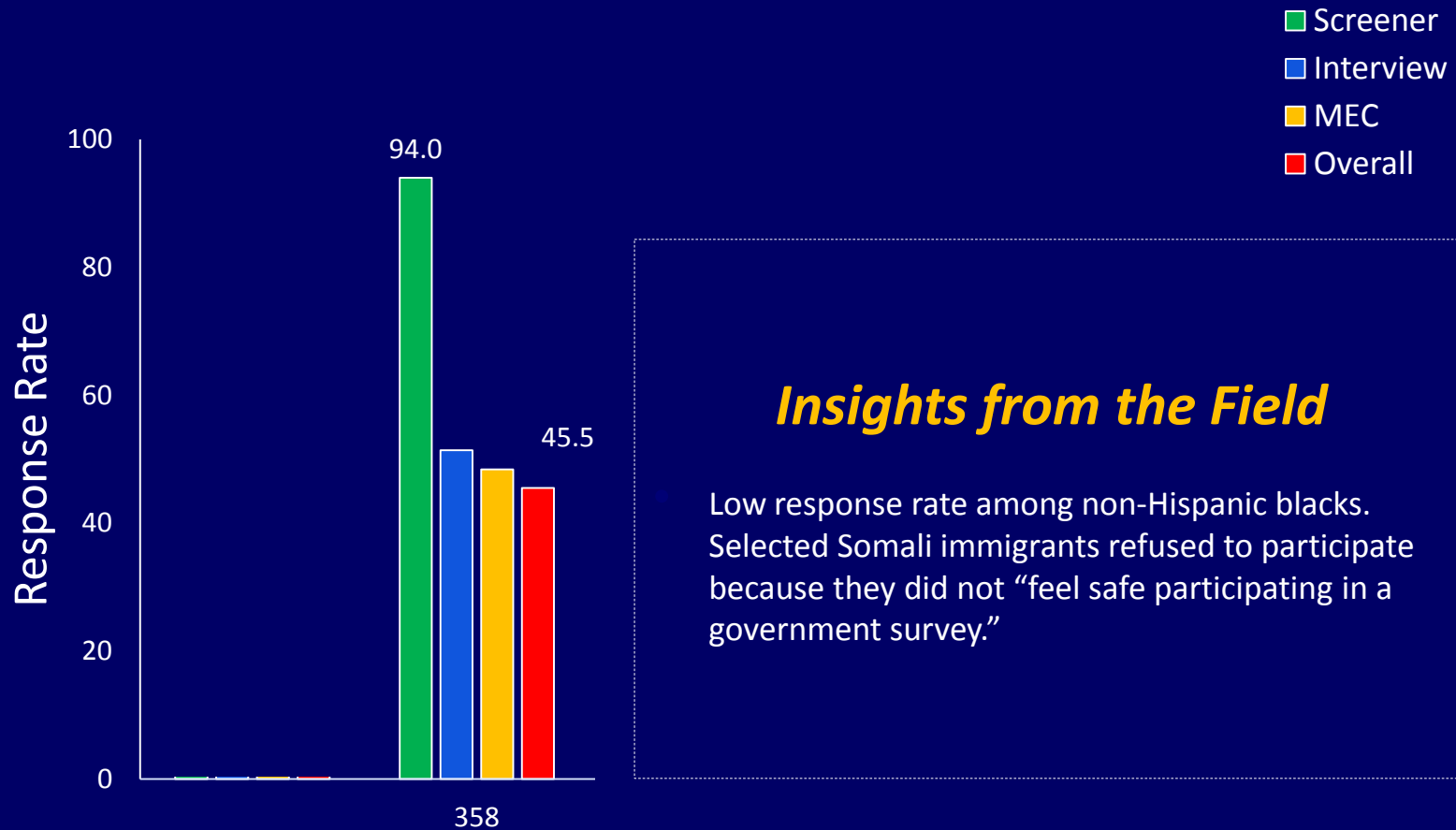
2016 Stand-Specific Response Rates



Insights from the Field

- Strong anti-government sentiment (current administration).
 - County officials refused to sign endorsement letters due to political views.
- Most segments were mid-to-upper income with little sense of community obligation. Residents were highly suspicious of people knocking on their doors.

2016 Stand-Specific Response Rates



Insights from the Field

Low response rate among non-Hispanic blacks. Selected Somali immigrants refused to participate because they did not “feel safe participating in a government survey.”

2016 Stand-Specific Response Rates



National Hospital Care Survey Demonstration Projects: Traumatic Brain Injury

- **Unique opportunity to study rare conditions**
- **Compare care received across settings:**
 - **Services (diagnostic and rehabilitative)**
 - **Intensive care unit**
- **Track patients across settings**
- **Results are consistent with previous research**
- **NHCS data adds depth and breadth to the analyses**

Challenges

- **Changing senior leadership in OMB's Statistical and Science Policy Office**
- **Continuing decline in response rates**
- **Recruiting the future NCHS statistical workforce**
- **Budget constraints – greater reliance on external funds for core activities**
- **Methods to analyze electronic health records**

Katherine K. Wallman, Congratulations on your future retirement plans!

