

NHIS Questionnaire Redesign and Content Changes

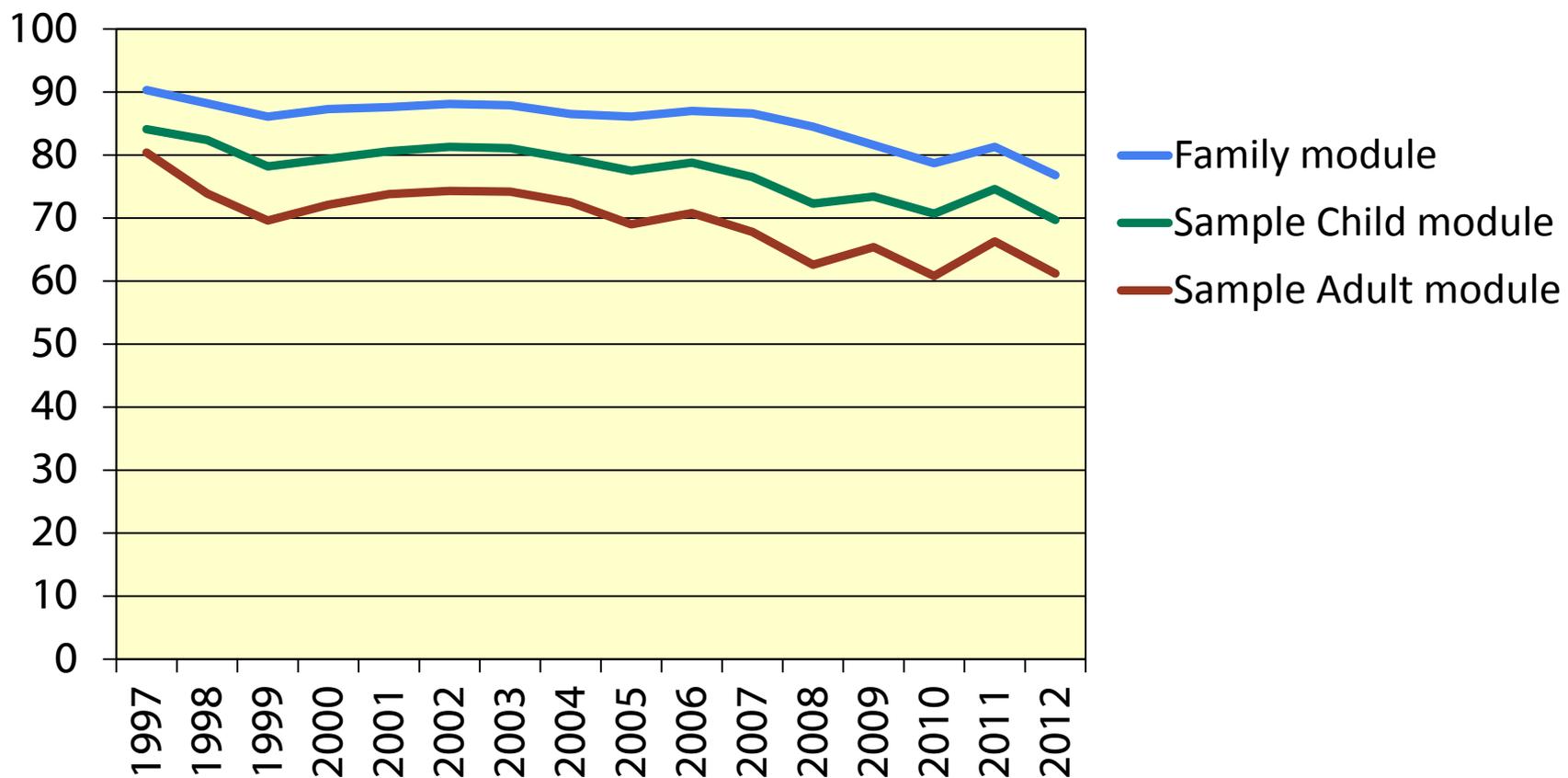
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NCHS Board of Scientific Counselors – January 27, 2014

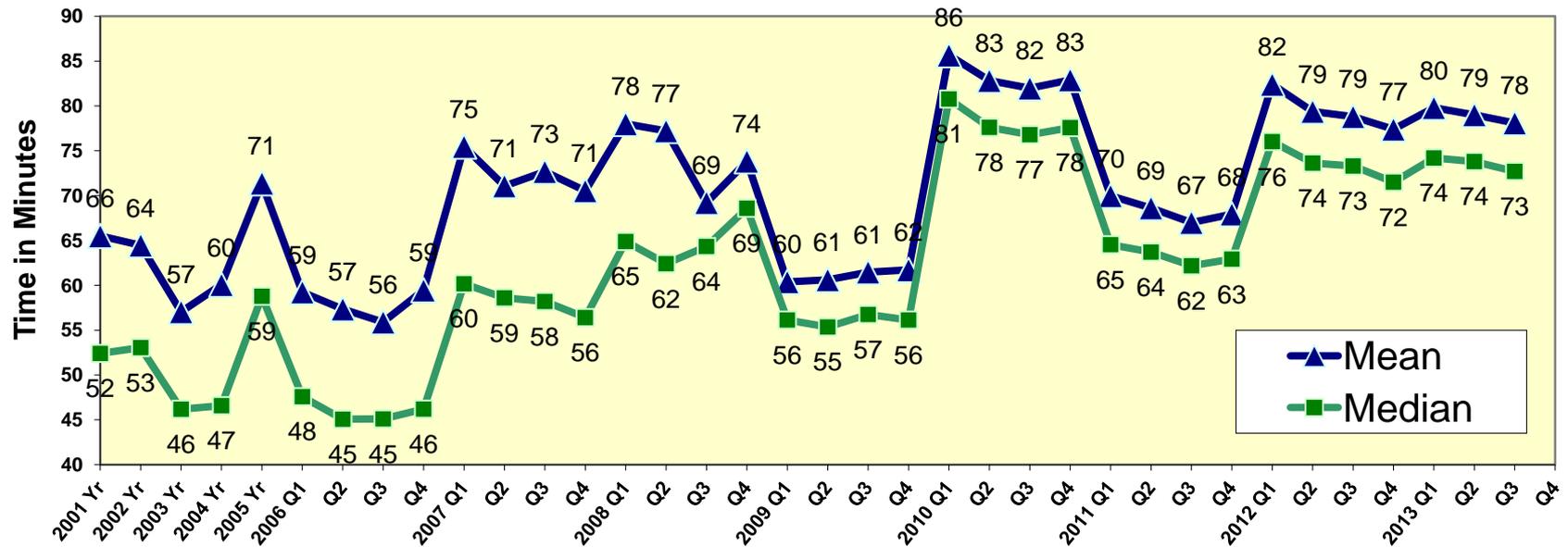
Why Redesign?

- **Most recent redesign was implemented in 1997**
- **To update questionnaire to better meet our stakeholders' current data needs**
- **To implement a questionnaire that will lead to:**
 - **Improved response rates**
 - **Reduced respondent burden**
 - **Lower costs**
 - **Improved state-level estimates, if budgets permit**

NHIS Unconditional Response Rates



NHIS Interview Length for Completed Interviews



Questionnaire Redesign Timeline

- **2014:** Stakeholder engagement
- **2015:** Qualitative and quantitative assessment of new questions, with more stakeholder engagement
- **Fall 2015 – Spring 2016:** OMB review
- **Late Spring 2016:** New questionnaire to Census
- **January 2017:** New questionnaire fielded

For BSC Discussion Today

- **Identification of key stakeholders**
- **Process for seeking public input**
- **Process for identifying priorities and choosing among competing priorities**
- **Importance of considering:**
 - Questionnaire structure
 - Alternative modes of data collection
 - Impact of redesign on trends
- **Assistive roles of outside entities**
- **Role for the BSC**

Key Stakeholders

- **DHHS Partners**

- ASPE
- CDC
- NIH
- Other clients implementing initiatives and monitoring trends in key indicators

- **Congress**

- **Public and Other Nongovernment**

How should we identify other persons/organizations that should be directly consulted?

Soliciting Input

- **Extent of outreach?**
- **Structure of information solicitation?**
 - Listening sessions
 - Online
 - Focus groups
 - Other
- **Regulatory (OMB process)**
- **Balancing early (general) vs later (detailed) input**

Priorities: What Stays and What Goes *(or, how to have it all in less time)*

- **Process for resolving competing priorities?**
- **Process for identifying appropriate periodicity for measurement?** (annual, biennial, less often)

Importance of Considering Modifications to Questionnaire Structure?

- **Current structure:**
 - Annual Core (includes family, sample adult, and sample child cores)
 - Supplementary questions (interwoven among core questions)
 - Supplements (longer sections added after core)
- **Alternatives?**
 - Rotating “cores” (e.g., in for 1-2 years, out for 2-4 years)
 - Matrix sampling of content
 - Family only, or adult-and-child only structures

Example of Alternative Structure: The Redesigned Canadian Community Health Survey

	2015	2016	2017	2018	2019	2020	2021	2022
Core content (20 minutes)	Demographics - SES - General Health - Height & Weight - Chronic Conditions - Physical Activities for Adults - Physical Activities for Youth - Fruit and Vegetables Consumption - Exposure to Second-Hand Smoke - Maternal Experiences - Alcohol Use - Smoking - Flu Shots - Primary Health Care Providers - Consultations with Health Professionals							
2-year theme	Healthy Behaviors V1		Healthy Behaviors V2		Healthy Behaviors V1		Healthy Behaviors V2	
	Chronic Condition V1		Chronic Condition V2		Chronic Condition V1		Chronic Condition V2	
	Functional Health		Disability Measure		Functional Health		Disability Measure	
	Patient Experience		Food Security		Patient Experience		Food Security	
1-year theme	Mental Health V1	Mental Health V2	Mental Health V3	Screening & Monitoring	Mental Health V1	Mental Health V2	TBD	Screening & Monitoring
				Economic Burden				Economic Burden
RR	Rapid Response (2-3 minutes for emerging issues, funded by sponsors)							

Importance of Considering Alternative Modes of Data Collection?

- **Current mode:**
 - Initial contact face-to-face
 - Telephone follow-ups may be conducted to complete interviews
- **Alternatives?**
 - Internet push to lower costs for some completed interviews?
 - Telephone or mail contact for a supplemental sample to increase sample size and improve state estimates?
- **Two annual cores (short form and long form)?**
 - To accommodate modes that require shorter interviews

Evaluation and Launch

■ Types of evaluations

- Cognitive testing?
- Usability testing?
- Assessment of context effects?
- Assessment of mode effects?
- Comparisons of estimates from old and new questions?

■ Launch

- Bridge year or clean break?

Assistive Roles

- **Coordination of input**
- **Evaluation and testing**
- **Reviewing/assembling results**
- **Documenting process**
- **Organizing administrative aspects**

Role for the BSC?

