



Sampling Design Workshop Planning Committee - Update

NCSAC: Bob Michael, Barry Ryan

SDWG: Jonas Ellenberg, Frank Speizer

ICC: Sherry Selevan, Jim Quackenboss

NCS PO: Peter Scheidt (Randy Curtin, NCHS)

Workshop Chair: David Savitz (UNC)



The National Children's Study – Sampling Design WS Committee

Role of the Committee

- Identify documents needed to inform sampling decisions
 - “Background” white papers and Design options
- Battelle is developing papers (under contract to NCS Program Office) with their consultants:
 - Colm O'Muircheartaigh (NORC, U. Chicago)
 - Alan Zaslavsky, Louise Ryan (Harvard)
- Plan, organize and conduct workshop
 - Workshop format, agenda, participants
 - Workshop Chair: David Savitz (UNC)



White papers to inform the sampling deliberations – Battelle et al

- Recruitment and Retention
 - Rates and their impact on design selection
- Advantages and Limitation of Probability-based Sampling for the NCS
 - Specify assumptions needed for generalization
- Overview of Critical Data Collection Requirements for the NCS
 - Design requirements and burden
- Initial Sampling Design Options & Criteria for Evaluation
 - Definitions, design elements, and range of design options – **basis for discussions with consultants**



Sampling Design Options for the NCS – Battelle et al

- Developing a “Family of Designs” for further Consideration
 - Identify target populations and geographic areas
 - Multiple sampling frames to provide coverage of target populations
 - Well-defined selection methods/criteria for both
 - Groupings (e.g., geographic areas, clinics, centers)
 - Individuals
 - Consider organizational structure(s) and their existing relationships with potential study participants



Next Steps for Battelle et al: Sampling Design Options

- Further investigation of the statistical properties (e.g., power, design effects, implications for analyses) of “hybrid” designs (multiple frames, probability and purposive sampling)
- Assess feasibility, strengths and limitations relative to hypotheses, “givens” and criteria



Sampling Design Workshop

- Panel Membership (being developed with David Savitz, Panel Chair) - broad range of expertise
- Two-Day Workshop
 - Day 1: Presentation/discussion of Battelle, et al designs and white papers; additional speakers
 - Day 2: Panel deliberations, recommendations
- Logistics (now checking for):
 - Dates: Feb 16-20 or 23-25
 - Location: South (concerns about weather); access to major airport
- Next steps for Workshop Committee:
 - Agenda and Speakers & other participants
 - Develop charge/questions for panel



Time Line for Sampling Workshop and Decisions

- Papers due – January 2004
- Workshop – February 2004
- Report to ICC and Advisory Committee - March 2004
- Advisory committee & ICC proposal to NICHD Director May 2004
- Feasibility/pilot testing July-Dec 2004