The California Health Interview Survey: American Indian and Alaska Native Oversample 2011

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California Health Interview Survey

- CHIS ongoing resource for state and local health data needs
 - What it is
 - How it was developed
 - Who it includes
 - What it includes
- Disseminating and communicating data and results



Overview of California Health Interview Survey

- The California Health Interview Survey (CHIS) is California's ongoing resource to meet state and local needs for population-based health data
 - Very large survey of California population, capturing geographic, ethnic and other social diversity
 - Data on many health and social indicators and access to health care
 - Conducted since 2001, providing trend data
- CHIS is designed to provide data that is used:
 - To understand and track health needs of California's diverse population
 - To support decision making at local level and statewide in public health and health care
 - ► For policy analysis, development and advocacy
 - For service and program planning
 - For grant seeking and grant making
 - For research
- CHIS was created based on 3-year planning process outreach to statewide and local organizations and technical assessment



CHIS is a collaborative project

- CHIS is a collaboration
 - UCLA Center for Health Policy Research
 - California Department of Public Health
 - California Department of Health Care Services
- CHIS involves more than 145 individuals from over 60 diverse organizations and agencies in formal advisory committees
 - CHIS Advisory Board
 - Chaired by California Secretary of Health and Human Services
 - Includes heads of major health and medical organizations, health care trade associations, local health agencies, advocacy groups
 - Technical Advisory Committees and Work Groups
- Other local, statewide, and national partners join CHIS in many activities and projects, including dissemination of data and results
- CHIS is funded by federal and state agencies, philanthropic foundations and organizations, and local government agencies



CHIS sample reflects California population

- CHIS sample designed to yield reliable estimates:
 - At the local level for counties and statewide
 - For California's major ethnic groups and several ethnic subgroups
 - CHIS 2001 to 2009 conducted every 2 years
 - ▶ Sample sizes ranging from 42,000 to 56,000 households each cycle
- CHIS provides samples for most counties and groups of small counties
 - Telephone survey of households drawn from every county in state
 - Oversamples of rural counties
- Samples of race/ethnic groups for statistically adequate estimates
 - Latinos, including multiple Latino ethnic groups
 - Asian Americans, including multiple Asian ethnic subgroups
 - African Americans
 - American Indians
- CHIS administered in 6 languages
 - English, Spanish, Mandarin, Cantonese, Vietnamese, Korean

HEALTH POLICY RESEA

CHIS is an omnibus public health survey that covers a wide range of topics

- Focuses on important public health issues
 - Health insurance coverage and eligibility for public coverage programs, including issues related to health care reform
 - Use of health services and access to health care, including preventive health services (including cancer screening)
 - Health status and chronic conditions (overweight/obesity, diabetes, asthma, hypertension, heart disease, arthritis, stroke, disability)
 - Health behaviors (diet, physical activity, smoking, drinking, sexual activity and orientation) as well as social environment effects on these
 - Mental health
 - Interpersonal violence
 - Oral health
- Relevant age-appropriate topics and questions for teens and children
- Collects extensive demographic information



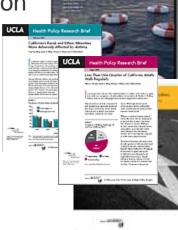
CHIS invests substantial resources in dissemination

Extensive dissemination to maximize use of CHIS data and results

To meet needs of policy makers, advocates, media, analysts, and researchers

CHIS invests more than 1 in 5 project dollars in dissemination

- Website is portal to all information about CHIS
- Publications with analytic results
 - Designed to reach variety of constituencies
- Easy-to-use online data query system pask = S
 - free access to statewide and local data through fast, user-friendly Web-based data query system
 - More than 27,000 registered users more than 94,415 queries in last 12 months, an average of 258 per day
- Electronic data files for analysis by independent researchers
- Workshops and community briefings disseminate knowledge and encourage use



The American Indian and Alaska Native Oversample

- In 2001 the California Area IHS funded the CHIS AIAN oversample.
- ▶ 2011 the CA-IHS working w/ Native American Health Center, San Diego American Indian Health Center and the United American Indian Involvement

> 2011 focus on urban Indians and elders

- to ensure a robust sample for critical analysis pertinent to Natives
- to identify additional content specific to Native health concerns



Purpose

- To provide adequate sample to more specifically identify the epi-profile contributing to public health burden (e.g. disparities, disability, premature death)
 - premature aging
 - falls
 - tobacco use
 - AIAN protective and risk factors
 - 10 year trend analysis



Filling the data gap and utility

- CHIS is the largest population based sample of AIAN in the U.S.
- No other data allows subgroup analysis, cutting the data
- Data from the 2001 CHIS yielded groundbreaking published analyses:
 - importance of defining the AI population for health outcomes (Swan et al 2006),
 - cancer screening (Swan et al 2006; Satter et al 2005a),
 - strategies for effective communication (Satter et al 2005b).
 - A recent study (Wallace and Satter) revealed large disparities in a number of health outcomes among AIAN elders aged 55-64 compared to the rest of the California population; and this finding was especially striking among low-income AI elders
 - A recent study (Zahnd et al) revealed AIAN most likely victims intimate partner violence
 - CRIHB Report Series: American Indian Community Health Profiles

Key Activities

- Al Working Group:
 - Support community engagement & outreach
 - Advise on AI CHIS tools (e.g. fact sheets on hot topics)
- Building the oversample list-based frame
- Training and Technical Assistance with ITU to access CHIS disseminate knowledge and encourage use (all years data)
 - AskCHIS.edu Easy-to-use online data query system (trainings in person and virtual one on one)
 - Health status report and fact sheets:
 - Mental health, health care reform, ?
- Alignment with CHIS core



Methods

- CHIS AIAN oversample (OS)
 - dual-frame sample
 - core RDD CHIS sample
 - OS list-based drawn from
 - ► IHS RPMS (patient management system)
 - urban Indian program clinics
 - socio-political organizations
 - take advantage of 2010 Census publicity
 - Census will serve as a "peg" that will help with accurate weighting
 - Sunghee Lee, Delight E. Satter, Ninez A. Ponce (2009). Effect of Race and Ethnicity Classification on Survey Estimates: Anomaly of the Weighted Totals of American Indians and Alaska Natives (American Indian and Alaska Native Mental Health Research: The Journal of the National Center)



The American Indian and Alaska Native Oversample

- For further details, learn about other CHIS resources, and general updates contact:
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