

SUMMARY OF SURVEYS AND DATA SYSTEMS

National Center for Health Statistics

August 2008

NAME	DATA SOURCE/ METHODS	SELECTED APPLICATIONS OF DATA PRODUCED	PLANNED SAMPLE	RACE/ETHNICITY AND SES [1]	PLANNED PERIODICITY	FY 2005-2009 PLANS
Current NCHS Surveys and Data Systems						
Vital Statistics Cooperative Program (VSCP)	<ul style="list-style-type: none"> * State vital registration * Births * Deaths * Linked Birth/Infant Death Program * Matched multiple birth data sets 	<ul style="list-style-type: none"> * Life expectancy * Causes of death * Infant mortality (IM) * Prenatal care and birthweight * Birthweight * Birth rates * Nonmarital births * Pregnancy outcomes * Occupational mortality * Teenage pregnancy * Method of delivery * IM rates by birth and period cohorts * IM rates by birthweight * IM by cause of death * Preterm delivery * Multiple births * Perinatal mortality * Maternal smoking 	<ul style="list-style-type: none"> * All births (4 million records annually) * All deaths (about 2.4 million records annually) * Reported fetal deaths of 20+ weeks gestation (about 26,000 annually) * Counts of marriages and divorces 	<ul style="list-style-type: none"> For births, deaths, and fetal deaths: * White, black, 5 API groups, American Indian, multiple race * 5 Hispanic groups * Education * Births and deaths: 10 API groups from 11 states * Marital status 	Annual	<ul style="list-style-type: none"> * Continue monthly, annual data system * Assist states in automating and/or re-engineering their IT systems to enhance timeliness and quality of reporting * Implement revised certificates as part of re-engineering process * Implement new OMB race guidelines * Evaluate quality of new data items * Implement new data access methods and reports * Re-engineer internal DVS systems * Develop and publish birth certificate regulations in response to IRTPA
National Health and Nutrition Examination Survey (NHANES)	<ul style="list-style-type: none"> * Personal interview * Physical examination * Laboratory tests * Nutritional assessment * DNA repository 	<ul style="list-style-type: none"> * Total prevalence of disease or conditions including those unrecognized or undetected * Nutrition monitoring * Heart disease * Diabetes * Osteoporosis * Iron deficiency anemia and other nutritional disorders * Environmental exposures monitoring * Children's growth & development * Infectious disease monitoring * Overweight 	<ul style="list-style-type: none"> * ~5,000 persons per year, all ages * Oversample 60+ * Oversample blacks & Hispanics 	<ul style="list-style-type: none"> <i>All Years</i> * Income and poverty index * Education * Occupation * Type of living quarters * Social services * Black, white and Mex. Amer. <i>Prior to 1982</i> * White, black, Other * Birthplace <i>1988 +</i> * OMB categories * Acculturation questions re: language usually spoken at home 	Annual, with capability for longitudinal followup	<ul style="list-style-type: none"> * Data collection for annual sample * Data releases on two-year cycles * Surveys of other population groups or State and local geographic areas (Community HANES) are being considered
National Health Interview Survey (NHIS)	<ul style="list-style-type: none"> * Personal interviews 	<ul style="list-style-type: none"> Annual data on: * Health status and limitations * Utilization of health care * Injuries * Family resources * Health insurance * Access to care * Selected conditions * Health Behaviors * Functioning * HIV/AIDS testing * Flu shots/sprays for all ages * Pneumonia shots for adults 18+ 	<ul style="list-style-type: none"> * ~40,000 households * In 2006, oversample includes blacks, Hispanics, and Asians. Sample adults are now oversampled if 65+ and one of these minorities. 	<ul style="list-style-type: none"> * OMB categories * Hispanic groups * API groups * Family and individual income and poverty level * Education and occupation (sample person only) * Type of living quarters * Acculturation questions re: language used during interview 	Annual	<ul style="list-style-type: none"> * Continue annual survey * Provide sampling frame to the Medical Expenditure Panel Survey * Supplements 2005: Cancer Control 2006: Healthy People 2010 Objectives (arthritis, stroke, diabetes) 2007: Complementary and alternative medicine and hearing 2008: Oral health, HPV, Cancer screening (adult only) 2009: Arthritis (others as yet undecided) * Re-design sample implemented (2006) * Annual release of paradata files on interview process
National Hospital Discharge Survey (NHDS)	<ul style="list-style-type: none"> * Hospital records * Computerized data sources 	<ul style="list-style-type: none"> * Patient characteristics * Hospital characteristics * Length of stay * Diagnosis and multiple diagnoses * Surgical and diagnostic procedures 	<ul style="list-style-type: none"> * 500 hospitals * 300,000 discharges 	<ul style="list-style-type: none"> * OMB categories 	Annual	<ul style="list-style-type: none"> * Continue annual survey of hospitals * Re-design in process (2010)
National Ambulatory Medical Care Survey (NAMCS)	<ul style="list-style-type: none"> * Encounter forms completed by office-based physicians and other staff * Physician-level personal interviews 	<ul style="list-style-type: none"> * Characteristics of patients' visits * Diagnoses and treatment * Prescribing patterns * Characteristics of practice 	<ul style="list-style-type: none"> * 3,400 physicians in office-based practices * Three providers at each of 104 community health centers * ~30,000 patient visits 	<ul style="list-style-type: none"> * OMB categories 	Annual	<ul style="list-style-type: none"> * Continue annual survey * Special focus on chronic diseases (2005-8) * Cervical cancer screening supplement Separate strata of community health centers and medical and surgical oncologists (2006-7)



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Current NCHS Surveys and Data Systems (cont.)						
National Hospital Ambulatory Medical Care Survey (NHAMCS)	* Encounter forms completed by physicians and other hospital staff * Facility and personal interviews	* Characteristics of patients' visits to hospital outpatient departments (OPD) and emergency departments (ED) * Diagnoses and treatment * Prescribing patterns * Characteristics of facility	* 600 hospitals * 70,000 patient visits	* OMB categories	Annual	* Continue annual survey * Add content on electronic medical records * Emergency pediatric preparedness - supplement (2006) * Special focus on chronic diseases (OPD) (2005-8) * Cervical cancer screening supplement
National Survey of Family Growth (NSFG)	* Personal interviews * Men and women 15-44 years	* Contraception & sterilization * Teenage sexual activity & pregnancy * Family planning & unintended pregnancy * Infertility, adoption, breastfeeding * Marriage, divorce, and cohabitation * Fatherhood involvement * HIV risk behavior	* 5,000 men and women * Oversample blacks, Hispanics and teens	* OMB categories * 4 Hispanic groups * Family & individual income, & poverty level * Sources of income * Education	Continuous since mid-2006	* Design for continuous interviewing ongoing * First data set from continuous interviewing release (2009)
National Immunization Survey (NIS) (in partnership with CDC/NIP)	* Telephone interviews * Provider record check component * Weighting adjustment for non-telephone households	* Evaluation of immunization status of preschool population (NIS) * Demographic characteristics * Family resources data * Health care utilization	* Over 1 million households screened to find NIS sample of households with children 19-35 months * 400 completed NIS interviews in each of 55 non-overlapping areas (at least) which includes the 50 states, DC and 5 or more grantees. Add'l areas maybe included subject to funding * Option allows for additional data collection on other topics from the households screened for the NIS sample	* OMB categories * Income * Education of the mother	Continuous with quarterly 12 month moving averages	* Currently conducting interviews for all areas * New contract to cover data collection (CY 2005-2007)
National Survey of Children with Special Health Care Needs	* Conducted using the State and Local Area Integrated Telephone Survey (SLAITS) mechanism * Telephone interviews * Statistical adjustments for households without telephones * Utilizes NIS sample frame * Sponsored and funded by Maternal and Child Health Bureau, HRSA * Additional funding by OASPE (2001)	* Children with special health care needs * Health care utilization and barriers * Performance partnership initiatives * Health insurance coverage * State Children's Health Insurance Program (SCHIP) attitudes and experience * Characteristics of SCHIP eligible but unenrolled children (2001)	* State-based samples of children 0-17 years of age * All 50 states plus DC * Detailed interview for children identified with special needs * Detailed interview for low-income uninsured children (2001) * Detailed interview for referent sample (2005-2006)	* OMB categories * Income and poverty levels * Parental education * TANF participation	Periodic implementation (every 4 years)	* Data files released (FY 2003) * Released chartbook & numerous journal articles * Provision of technical assistance to states * Focus of an issue of the Maternal and Child Health Journal * Repeated (CY 2005-2006)
National Survey of Children's Health	* Conducted using the SLAITS mechanism * Telephone interviews * Statistical adjustments for households without telephones * Utilizes NIS sample frame * Sponsored and funded by the Maternal and Child Health Bureau, HRSA	* Physical, emotional, and dental health * Health insurance coverage * Health care utilization and barriers * Medical home * Child, family, and neighborhood well-being * Children with special health care needs * Performance partnership initiatives	* State-based samples of children 0-17 years of age * All 50 states plus DC	* OMB categories * Income and poverty levels	Periodic implementation (every 4 years) subject to funding by sponsor	* Release public use data files (2005) * Released chartbook, numerous journal articles * Provision of technical assistance to states * Will be repeated (CY 2007) * Focus of a supplement to Pediatrics

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Current NCHS Surveys and Data Systems (cont.)						
National Death Index (NDI)	* State registration areas-death certificates	* Facilitates epidemiological follow-up studies * Verification of death for individuals under study * Optional release of coded causes of death available to users upon request * Most NCHS surveys are linked to NDI	* All deaths	* Same race groups as VSCP	Annual	* Continue ongoing matching operations
National Nursing Home Survey (NNHS)	* Long-term care providers * Interviews with facility administrators and staff familiar with residents * For patient level data, respondents refer to facility/medical records	* Facility-level * Facility and staffing characteristics * Facility practices * Resident-level * Health status (functional status, diagnoses and conditions) * Medications * ED visits and hospitalizations * End of life care * Pain assessment, management and relief	* 1,500 nursing homes * 18,000 current residents	* OMB categories	Last conducted in 2004. Period between surveys to be determined.	* Release preliminary data 2006 * Release public-use data files (2006) * Release summary statistics and journal articles (2006-2008)
National Nursing Assistant Survey (NNAS)	* Sample of nursing assistants (NAs) working in sub-sample of facilities participating in the 2004 NNHS * Telephone interviews	* Characteristics of NAs * Why NAs remain in the field * Factors that influence entering/leaving the field * Factors affecting retention * Factors that affect workers' attitudes, relationships with managers and clients, and job satisfaction	* 690 facilities * 5,520 nursing assistants	* OMB categories	One time in 2004	* Revise survey for use in survey of home health aides (2007) * Release summary statistics, journal articles (2007)
National Survey of Residential Care Facilities	* Methods are being evaluated	* Characteristics of residential care facilities, number and characteristics of residents along with medical diagnoses and functional status	* 1,500-2,200 facilities * Data on 8,000-10,000 residents	* OMB categories; others (if any) to be determined	To be fielded first time in 2009; periodicity to be determined	* Survey design (2006-2008) * Survey to be fielded (2009)
National Survey of Ambulatory Surgery (NSAS)	* Abstract forms completed by facility staff	* Patient characteristics * Facility characteristics * Diagnosis and multiple diagnoses * Surgical and diagnostic procedures	* 696 facilities * 60,000 surgery visits	* OMB categories	1994-1996; 2006	* Data release (2008)
National Survey of Adoptive Parents (NSAP)	* Conducted using the State and Local Area Integrated Telephone Survey (SLAITS) mechanism * Telephone interview * Utilized all identified target cases (children adopted from the domestic foster care system, private domestic adoption, or international adoption) from the 2005-2006 NS-CSHCN & 2007 NSCH samples (both of which were statistically adjusted for non-resp * Sponsored by DHHS (ASPE and ACF) with technical assistance on international adoption content provided by the Dept. of State	* Pre- and post-adoption experiences of parents * Efficacy of post-adoption supports * Characteristics of adoptions * Transracial and/or transcultural adoptions * Parent and child well-being * Adoption agreement and post-adoption services (financial) * Post-adoption supports (non-financial)	* National sample of adopted children 0 to 17 years of age * Approximately 2,000 completed interviews (main NSAP sample) * approximately 2,000 completed interviews in the referent NSAP sample (subsample of the 2007 NSCH and 2005-2006 NS-CSHCN cases) * NSAP referent sample will be asked selected emotional and education indicators to compare to adopted children in the main sample	* OMB categories of responding adoptive parent, and any other adoptive parent living in HH * Income and poverty levels (from NSCH or NS-CSHCN) * Program participation (from NSCH or NS-CSHCN) * Parental employment status of the responding adoptive parent, and any other adoptive parent living in HH	One time Fielded in 2007	* NSAP file will be released only as a stand-alone file with selected NSCH or NS-CSHCN variable (as applicable) attached * Anticipate the release of numerous journal articles

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Current NCHS Surveys and Data Systems						
Survey of Adult Transition and Health (SATH)	<ul style="list-style-type: none"> * Mixed mode survey * Telephone, internet data collection * Followback survey of CSHCH ages 14 to 17 years identified in the 2001 NS-CSHCN * In 2007 cases are 19-23 years old * Non-representative sample * Pilot test of procedures to locate & interview sample cases using mixed modes of data collection * Sponsored and funded by the Maternal and Child Health Bureau HRSA * Assesses impact of having adequate health-related transition services and a Medical Home in 2001 on health outcomes in 2007 * Non-response adjustment of 2001 NS-CSHCN weight, poststratification to sum to 2001 NS-CSHCN weights 	<ul style="list-style-type: none"> * Health and functional status * Activity limitations (daily living, work, home, school, taking care of house or family) * Medical Home * Transition services related to health * Community-based services * Health insurance coverage (current, past year, adequacy) * Transition services related to school * Self-determination * Satisfaction and support * Marital status, living arrangements 	<ul style="list-style-type: none"> * Purposive sample of young adults with special health care needs now 19 to 23 years old in identified 2001 NS-CSHCN * the anticipate completing about directly 1,840 SATH interviews with the young adults * Pilot project that will identify target areas of improvement for future followback surveys * Pilot test of mixed-mode capability in SLAITS surveys 	<ul style="list-style-type: none"> * OMB categories (from 2001 NS-CSHCN) * Personal earnings * Program participation * Type of living quarters * Education 	One time in 2007	<ul style="list-style-type: none"> * Subject to addressing confidentiality restrictions and achieving and adequate sample size, a public data file will be released, if possible (2008)
National Home Health Aide Survey (NHHAS)	<ul style="list-style-type: none"> * Telephone interviews * Sample of home health aides (HHAs) working in agencies participating in the 2007 NHHCS 	<ul style="list-style-type: none"> * Characteristics of HHAs * Why HHAs remain in the field * Factors that influence entering/leaving the field * Factors affecting retention * Factors that affect workers' attitudes, relationships with managers and clients, and job satisfaction 	<ul style="list-style-type: none"> * 1,255 agencies * 7,000 home health aides 	<ul style="list-style-type: none"> * OMB categories 	One time in 2007-2008	<ul style="list-style-type: none"> * Conduct survey (2007-2008) * Release public use data files (2009) * Release summary statistics (2009)
Recent NCHS Surveys						
National Home and Hospice Care Survey (NHHCS)	<ul style="list-style-type: none"> * Home health agencies and hospices * Interviews with administrators and staff familiar with patients * For patient level data, respondents refer agency/medical records 	<ul style="list-style-type: none"> * Characteristics of home health agencies and hospices * Number and characteristics of patients and discharges * Medical diagnoses and functional status 	<ul style="list-style-type: none"> * 1,800 home health agencies and hospices * 6,275 current home health patients * 6,275 discharged hospice patients 	<ul style="list-style-type: none"> * OMB categories 	Last conducted in '2000. Period between surveys to be determined	<ul style="list-style-type: none"> * Conduct re-designed survey (2007) * 2007 survey includes new information on: medications, end-of-life care, staffing, administration, electronic medical records * Release public use data files (2009)
National Health Interview Survey on Disability (NHIS-D)	<ul style="list-style-type: none"> * Personal interviews * Follow-up interviews 	<ul style="list-style-type: none"> * Sensory, mobility, and communication impairments * Functional limitations * Personal assistance * Special education * Mental health conditions * Employment and transportation limitations * Therapeutic services * Children w/ special health needs * Post polio syndrome 	<ul style="list-style-type: none"> * Phase 1 screens 90,000 households * Phase 2 is a followup of those persons with moderate to severe disabilities * Phase 2: approximately 20,400 children and adults in 1994, and approximately 12,400 children and adults in 1995 	<ul style="list-style-type: none"> * OMB categories * Hispanic groups * API groups * Family income and poverty level * Education and occupation * Type of living quarters 	Special 2-year study in 1994-1995	<ul style="list-style-type: none"> * A public use file of polio data from the Disability Followback Survey (Phase II of the NHIS-D) was released in 2000, the final release of NHIS-D data

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Recent NCHS Surveys (cont.)						
National Survey of Early Childhood Health	<ul style="list-style-type: none"> * Conducted using the State and Local Area Integrated Telephone Survey (SLAITS) mechanism * Telephone interviews * Statistical adjustments for households without telephones * Utilizes NIS sample frame * Sponsored by American Academy of Pediatrics (AAP) * Funded by Gerber Foundation, Maternal and Child Health Bureau and AAP 	<ul style="list-style-type: none"> * Parents' perceptions of the quality of pediatric care * Content of anticipatory guidance * Health care utilization and barriers * Home safety measures * Health insurance coverage 	<ul style="list-style-type: none"> * National sample of children 4-35 months of age * Oversample of Black non-Hispanic and Hispanic children 	<ul style="list-style-type: none"> * OMB categories * Income and poverty levels * Parental education * Parental employment status * WIC participation 	Unspecified periodic implementation subject to funding by sponsors	<ul style="list-style-type: none"> * Released public use data files and released summary statistics * Released supplement to Pediatrics * Numerous journal articles released
Joint Canada/United States Survey of Health (JCUSH)	<ul style="list-style-type: none"> * Same questionnaire administered by telephone in 2002-2003 in both countries, in English or French in Canada, in English or Spanish in U.S. 	<ul style="list-style-type: none"> * Directly compare U.S. and Canadian estimates on health status, chronic conditions utilization of health care services, etc. 	<ul style="list-style-type: none"> * 5,200 U.S. adults * 3,500 Canadian adults 	<ul style="list-style-type: none"> * OMB categories in US, in GP in Canada; income, wealth, education 	One-time in 2002-2003	<ul style="list-style-type: none"> * Joint data release on Statistics Canada and NCHS' websites, June 2, 2004 * Invited Session at 2004 Joint Statistical Meetings in Toronto; numerous other talks and papers
National Asthma Survey	<ul style="list-style-type: none"> * Conducted using the SLAITS mechanism * Telephone interviews * Statistical adjustments for households without telephones * Utilizes NIS sample frame (and stand-alone NAS sample) * Sponsored and funded by National Center for Environmental Health, CDC 	<ul style="list-style-type: none"> * Asthma prevalence rates (national sample only) * Health care utilization and barriers * Asthma management and medication use * Family history of asthma 	<ul style="list-style-type: none"> * Four state samples and national samples in 2003 of adults and children 	<ul style="list-style-type: none"> * OMB categories * Income and poverty levels * Education 	Last conducted in 2003; there are no plans to repeat this survey	<ul style="list-style-type: none"> * Conducted survey (2003) * Release public use data files (2005) * Release journal articles, continue analyses
Second Supplement on Aging (SOA II)	<ul style="list-style-type: none"> * Personal interviews * Linked administrative records data from NDI, cause-of-death, CMS, and SSA 	<ul style="list-style-type: none"> * Functional status * Living arrangements * Use of hospitals and nursing homes * Death rates by social, economic, family and health characteristics 	<ul style="list-style-type: none"> * 9,447 persons age 70 and over at the time of Phase 2 of NHIS-D (1994-1996) 	<ul style="list-style-type: none"> * OMB categories * 4 Hispanic groups * Education * Type of housing * Occupation & retirement * Income & income sources 	Cross-sectional survey, serves as a baseline to the LSOA II	<ul style="list-style-type: none"> * Ongoing record matches with the NDI, cause-of-death, CMS Medicare files, and SSA benefit data
Second Longitudinal Study of Aging (LSOA II)	<ul style="list-style-type: none"> * Telephone Interviews * Linked administrative records data from NDI, cause-of-death, CMS, and SSA 	<ul style="list-style-type: none"> * Changes in functional status, chronic conditions, comorbidity * Causes and consequences of change * Living arrangements, social support * Health care coverage and utilization * Death rates by social, economic, family, and health characteristics 	<ul style="list-style-type: none"> * 9,447 persons age 70 and over at the time of Phase 2 of NHIS-D (1994-1996) 	<ul style="list-style-type: none"> * OMB categories * 4 Hispanic groups * Education * Type of housing * Occupation and retirement * Income and income sources 	Baseline plus 2 follow-up waves, each at 2-year intervals	<ul style="list-style-type: none"> * Ongoing record matches with the NDI, cause-of-death, CMS Medicare files, and SSA benefit data

(1) OMB categories include white, black or African-American, Asian, Native Hawaiian and other Pacific Islanders, American Indian or Alaska Native. Hispanic origin is asked as a separate question.