Summary of Surveys and Data Systems, National Center for Health Statistics, June 2004

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES ■ Centers for Disease Control and Prevention ■ National Center for Health Statistics

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Current NCHS Surveys and Data Systems

Name	Data Source/ Methods	Selected Applications of Data Produced	Planned Sample	Race/Ethnicity and SES [1]	Planned Periodicity	FY 2003-2007 Plans
Vital Statistics Cooperative Program (VSCP)	■ State vital registration ■ Linked Birth/Infant Death Program ■ Matched multiple data sets	■ Life expectancy ■ Causes of death ■ Infant mortality (IM) ■ Prenatal care and 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 ■ Preterm delivery ■ Multiple births ■ Perinatal mortality ■ Maternal smoking	■ All births (4 million records annually) ■ All deaths (about 2.4 million records annually) ■ Reported fetal deaths of 20+ weeks gestation (about 30,000 annually) ■ Counts of marriages and divorces	For births, deaths, and fetal deaths: White, Black, 5 API groups, American Indian ■ 5 Hispanic groups ■ Education ■ Births & deaths: 10 API groups from 11 States ■ Marital status	Annual	■ Continue monthly, annual data system ■ Fully automate system to enhance timeliness and reengineer the registration process ■ 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
National Health and Nutrition Examination Survey (NHANES)	■ Personal interview ■ Physical examination ■ Laboratory tests ■ Nutritional assessment ■ DNA repository	■ 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/physical fitness	■ ~5,000 persons per year, all ages ■ Oversample adolescents ■ Oversample 60+ ■ Oversample Blacks & Mexican Americans ■ Pregnant women	*All Years* ■ Income & poverty index ■ Education ■ Occupation ■ Type of living quarters ■ Social services ■ Black, White & Mex. Amer. *Prior to 1982* ■ White, Black, Other ■ Birthplace *1988 +* ■ OMB categories ■ Acculturation questions re: language usually spoken at home	Annual, with capability for longitudinal followup	■ Data collection for annual sample ■ Data releases on 2-year cycles ■ Surveys of other population groups or State and local geographic areas (Community HANES) are being considered
National Health Interview Survey (NHIS)	■ Personal interviews	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 ■ Immunization	■ ~40,000 households ■ Oversample blacks and Hispanics	■ OMB categories ■ Hispanic groups ■ API groups ■ Family & individual income & poverty level ■ Education & occupation (sample person only) ■ Type of living quarters ■ Acculturation questions re: language used during interview	Annual	■ Work to improve timeliness ■ Provides sampling frame to the Medical Expenditure Panel Survey ■ Supplements 2002: Complementary and alternative medicine Healthy People 2010 Objectives 2003/2004: Children's mental health Healthy People 2010 Objectives 2005 Cancer Control ■ New instrument and re-engineered data processing system to be implemented in 2004 ■ Re-designed sample to be implemented in 2006 ■ Resources for re-design and re-engineering may be made available by selective sample size reductions
National Hospital Discharge Survey (NHDS)	■ Hospital records ■ Computerized data sources	■ Patient characteristics ■ Hospital characteristics ■ Length of stay ■ Diagnosis and multiple diagnoses ■ Surgical and diagnostic procedures	■ 500 hospitals ■ 300,000 discharges	■ OMB categories	Annual	■ Continue annual survey of hospitals ■ Evaluate feasibility of adding drug data
National Ambulatory Medical Care Survey (NAMCS)	■ Encounter forms completed by physicians practicing in private offices ■ Physician-level personal interviews	■ Characteristics of patients' visits ■ Diagnoses and treatment ■ Prescribing patterns ■ Characteristics of practice	■ 3,000 physicians in office-based practices ■ 25,000 patient visits	■ OMB categories	Annual	■ Continue annual survey ■ Add context related to emergency preparedness and response for terrorists attacks ■ Special focus on chronic diseases (2005-6) ■ Special focus on continuity of care (2003-4)

(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.

Current NCHS Surveys and Data Systems (continued)

Name	Data Source/ Methods	Selected Applications of Data Produced	Planned Sample	Race/Ethnicity and SES [1]	Planned Periodicity	FY 2003-2007 Plans
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 context related to emergency preparedness & response for terrorist attacks ▪ Issues associated with ED crowding ▪ Emergency pediatric preparedness ▪ Special focus on chronic diseases (OPD) (2005-6) ▪ Special focus on continuity of care (2003-4)
National Survey of Family Growth (NSFG)	▪ Personal interviews	▪ Contraception & sterilization ▪ Teenage sexual activity & pregnancy ▪ Family planning & unintended pregnancy ▪ Adoption ▪ Breastfeeding ▪ Infertility ▪ Marriage, divorce, and cohabitation	▪ 12,500 men and women ▪ Oversample blacks, Hispanics, and teens	▪ OMB categories ▪ 4 Hispanic groups ▪ Family & individual income, & poverty level ▪ Sources of income ▪ Education	Periodic; transition to continuous	▪ Cycle 6 data release in 2004 ▪ Start continuous survey with next cycle in 2006
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	▪ 900,000 households screened to find NIS sample of households, with children 19-35 months ▪ 400 completed NIS interviews in each of 78 non-overlapping areas ▪ 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 ▪ Contract covers data collection through CY 2004 ▪ New contract to cover data collection in 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	▪ 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	▪ 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	▪ OMB categories ▪ Income and poverty levels ▪ Parental education ▪ TANF participation	Periodic implemen-tation (every 4 years)	▪ Data files released FY 2003 ▪ Release summary statistics and chartbook ▪ Provision of technical assistance to States (2003) ▪ Repeat in 2005 (subject to funding by sponsors)
National Asthma Survey	▪ Conducted using the SLAITS mechanism ▪ Telephone interviews ▪ Statistical adjustments for households without telephones ▪ Utilizes NIS sample frame ▪ Sponsored and funded by National Center for Environmental Health, CDC	▪ Asthma prevalence rates ▪ Health care utilization and barriers ▪ Asthma management and medication use	▪ State-based samples of adults and children ▪ Four States and national sample in 2003	▪ OMB categories ▪ Income and poverty levels ▪ Education	Unspecified periodic implementation in all 50 States subjects to funding by sponsors	▪ Conduct survey (2003) ▪ Release public-use data files (2004) ▪ Release summary statistics (2004)
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 implemen-tation (every 4 years) subject to funding by sponsors	▪ Release public-use data files (2004) ▪ Release summary statistics and chartbook (2004) ▪ Provision of technical assistance to states (2004)

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National Death Index (NDI)	▪ State registration-death certificates	▪ Facilitates epidemiological followup 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
Joint Canada/United States Survey of Health (JCUSH)	▪ Same questionnaire administered by telephone in 2003 in both countries, in English or French in Canada, in English or Spanish in the United States	▪ Directly compare U.S. and Canadian estimates on health status, chronic conditions utilization of health care services, etc.	▪ 5,200 U.S. adults ▪ 3,500 Canadian adults	▪ OMB categories; income; wealth; education	One-time, in 2003	▪ Data release: Invited Session at 2004 Joint Statistical Meetings in Toronto; release of joint analytic reports in June 2004
National Nursing Home Survey (NNHS)	▪ Long term care providers ▪ Interviews with facility administrators and staff familiar with facility/medical records	▪ Characteristics of nursing homes ▪ Number & characteristics of residents and discharges ▪ Medical diagnoses and functional status	▪ 1,500 nursing homes ▪ 9,000 current residents ▪ 9,000 discharges	▪ OMB categories	Last conducted in 1999	▪ Conduct survey in 2004

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Recent NCHS Surveys

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National Home and Hospice Care Survey (NHHCS)	▪ Home health agencies and hospices ▪ Interviews with administrators and staff familiar with agency/medical records	▪ Characteristics of home health agencies and hospices ▪ Number and characteristics of patients and discharges ▪ Medical diagnoses and functional status	▪ 1,800 home health agencies and hospices ▪ 10,800 current patients ▪ 10,800 discharged patients	▪ OMB categories	Bi-annual (Last conducted in 2000)	▪ Survey redesign in 2004-2005; resume thereafter
National Survey of Early Childhood Health	▪ Conducted using the State and Local Area Integrated Telephone Survey (SLAITS) mechanism ▪ Telephone interviews ▪ Statistical adjustments for house-holds without telephones ▪ Utilizes NIS sample frame ▪ Sponsored by American Academy of Pediatrics (AAP) ▪ Funded by Gerber Foundation, Maternal and Child Health Bureau and AAP	▪ Parents' perceptions of the quality of pediatric care ▪ Content of anticipatory guidance ▪ Health care utilization and barriers ▪ Home safety measures ▪ Health insurance coverage	▪ National sample of children 4-35 months of age ▪ Oversample of Black non-Hispanic and Hispanic children	▪ OMB categories ▪ Income and poverty levels ▪ Parental education ▪ Parental employment status ▪ WIC participation	Unspecified periodic implementation subject to funding by sponsors	▪ Released public-use data files and release summary statistics ▪ Released supplement to Pediatrics
National Survey of Ambulatory Surgery (NSAS)	▪ Abstract forms completed by facility staff	▪ Patient Characteristics ▪ Diagnosis and multiple diagnoses ▪ Surgical and diagnostic procedures	▪ 750 facilities ▪ 120,000 surgery visits	▪ OMB categories	Annual through 1996; periodic thereafter	▪ Plans for future surveys are being considered
National Health Interview Survey on Disability (NHIS-D)	▪ Personal interviews ▪ Follow-up interviews	▪ 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	▪ 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, & approximately 12,400 children & adults in 1995	▪ OMB categories ▪ Hispanic groups ▪ API groups ▪ Family income & poverty level ▪ Education & Occupation ▪ Type of living quarters	Special 2 -year study (1994-1995)	▪ 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
Second Supplement on Aging (SOAII)	▪ Personal interviews ▪ Administrative match data; NDI cause-of-death, and CMS Medicare files	▪ Functional status ▪ Living arrangements ▪ Use of hospitals and nursing homes ▪ Death rates by social, economic, family and health characteristics	▪ 9,447 persons age 70 and over at the time of Phase 2 of NHIS-D (1994-96)	▪ 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	▪ Ongoing record matches with the NDI, cause-of death and CMS Medicare files
Second Longitudinal Study of Aging (LSOA II)	▪ Telephone Interviews ▪ Administrative match data; NDI cause-of-death, and CMS Medicare files	▪ 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	▪ 9,447 persons age 70 and over at the time of Phase 2 of NHIS-D (1994-96)	▪ OMB categories ▪ 4 Hispanic groups ▪ Education ▪ Type of Housing ▪ Occupation and retirement ▪ Income and income sources	Baseline plus 2 followup waves, each at 2-year intervals	▪ Ongoing record matches with the NDI, cause-of death and CMS Medicare files

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