

Health Effects Data Inventory- Code Book: Abbreviations, Websites, and Color Coding

*The grey and asterisk are used to differentiate data sets that have been discontinued

Data Custodian Abbreviation Key and Website

Abbreviations	Title/Website
BDMP	North Carolina Birth Defects Monitoring Program
Carolina Poisons Center	NC Poison Control
CCR	North Carolina Central Cancer Registry
CD	NC DPH Communicable Disease Branch
DPH	North Carolina Division of Public Health
EHS	North Carolina DPH Environmental Health Section
EPI	North Carolina DPH Epidemiology Section
NC DETECT	The North Carolina Disease Event Tracking and Epidemiologic Collection Tool
NCDHHS	North Carolina Department of Health and Human Services
NCHS	National Center for Health Statistics
NCI	National Cancer Institute
NIOSH	The National Institute for Occupational Safety and Health
NIS	National Immunization Surveys
NSB	North Carolina Nutrition Services Branch
RDC	Research Data Center
SCHS	North Carolina State Center for Health Statistics
US CDC	The Centers for Disease Control and Protection
USCS	United States Cancer Statistics
WCH	North Carolina Women's and Children's Health Section

Data Set Abbreviations

Abbreviations	Title
ABLES	Adult Blood Lead Epidemiology and Surveillance Program
BRFSS	Behavioral Risk Factor Surveillance System
CHAMP	Child Health Assessment and Monitoring Program
LSOA	Longitudinal Studies of Aging
NAMCS	National Ambulatory Medical Care Survey
NC DETECT	The North Carolina Disease Event Tracking and Epidemiologic Collection Tool
NC-NPASS	Nutrition and Physical Activity Surveillance System
NC-PedNESS	Pediatric Nutrition Surveillance System
NDI	National Death Index
NHAMCS	National Hospital Ambulatory Medical Care Survey
NHANES	The National Health and Nutrition Examination Survey
NHCS	National Hospital Care Survey
NHDS	National Hospital Discharge Survey
NHHCS	National Home and Hospice Care Survey
NHIS	National Health Interview Survey
NIS	National Immunization Survey
NNHS	National Nursing Home Survey
NORS	National Outbreak Reporting System
NPALS	National Post-Acute and Long-term Care Study
NPCR	National Program of Cancer Registries
NSAS	National Survey of Ambulatory Surgery
NSFG	National Survey of Family Growth
NSLTCP	The National Study of Long-Term Care Providers
NVSS	National Vital Statistics System

PNSS	Pregnancy Nutrition Surveillance System
PRAMS	Pregnancy Risk Assessment Monitoring System
SEER	National Cancer Institute's Surveillance, Epidemiology, and End Results
WONDER	Wide-Ranging Online Data for Epidemiologic Research

Health Effects - North Carolina

Broad Category	Data Set/ System Name	Data Custodian	High Level Description of Data	Time Period	Geographic Scale	Database/ Type environment	Access Restrictions	Contact Number	GIS available
Disease Surveillance	Emergency Department Visits/NCDTECT - Disease Event Tracking & Epi Collection Tool	NCDHHS/DPH & UNC School of Medicine	Data available through NC DETECT, includes all visits to emergency departments, Carolinas Poison Center calls, Pre-hospital Medical Information System, and select urgent care centers. Data are updated at least twice a day.	2004 - present (2008 = start of complete data as population-based)	Statewide	SQL Server database	Users authorized by NC DPH	919-843-2361	County and 5-digit ZIP code
Hospital	Inpatient Hospital Discharge Data	NCDHHS/DPH/SCHS	Inventory of all discharges from non-federal, inpatient hospitals	FFY 1989-1994; 1995-present	County	SAS dataset or flat file	Limited to Public Health users	919-733-4728	County (possibly ZIP) on project basis
Cancer	Central Cancer Registry	NCDHHS/DPH/SCHS /CCR	Facilities that diagnose/ treat cancer report diagnosis, stage, up through first course of treatment within 6 months of diagnosis.	Complete ascertainment 1990-present	Statewide	SAS dataset or flat file	Confidential person/case data; permitted for public health/medical research use per statute; requires IRB and SCHS Director approval.	919-715-7289	Available on project basis.
Communicable Diseases (Reporting)	NC Electronic Disease Surveillance System	NCDHHS/DPH/EPI/C D	Rolling in to NC-EDSS (NC Electronic Disease Surveillance System)	Dec 2008 to present	Statewide	SQL Server	DPH authorized users only	919-715-6736	Disease-specific county information available on NC Disease Data Dashboard
Surveillance	Behavioral Risk Factor Surveillance System (BRFSS)	NCDHHS/DPH/SCHS	Random telephone survey of state residents aged 18 and older in households with telephones	1987 to present	State	SAS dataset or flat file	Not linkable at county level	919-885-4485	AHEC regions and some counties

Surveillance	Child Health Assessment and Monitoring Program (CHAMP)	NCDHHS/DPH/SCHS	Random telephone survey of health characteristics of children between 0 to 17 with a follow-up survey. Includes breast feeding, early childhood development, access to health care, oral health, mental health, physical health, nutrition, physical activity, family involvement, and parent opinions	2005 to present	State	SAS dataset or flat file	Not linkable at county level	919-855-4494	Biannual regional data
Surveillance	Newborn Hearing Screening Surveillance System	NCDHHS/DPH/WCH	Newborn hearing screening and follow-up data through WCSWeb	2004 to present with some older records based on program needs	Statewide	SQL Server database	Contains protected health information, Users authorized by NC DPH	919-707-5635	Available on project basis. Requires program approval with strict security measures in place to protect against release of individual identifiers/protected health information
Surveillance	Pediatric Nutrition Surveillance System. (NC: PedNESS) (formerly Nutrition and Physical Activity Surveillance System. (NC: NPASS))	NCDHHS/DPH/WCH /NSB	Includes childhood overweight and obesity data for primarily low-income at 185% of the federal poverty level. 2003 to 2009 data includes children 2 to 18 years of age and 2010 onward includes children ages 2 to 4.	2002-present For children and youth- Adults 2011 only (all yearly datasets are not in the same format) because of changes in data sources.	State and county for all years	SAS dataset or flat file	Includes confidential personal identifiers; needs to be deidentified for public health/medical research use per statute; Requires IRB and WIC Director approval.	919-733-4728	County for all year

Surveillance	Poison Center	Carolinas Poison Center	Extensive demographic, chemical/toxin, clinical effects, management, outcomes data on known and suspected poisonings.	1997-present	State and county for all years, 5 digit zip beginning 2007	SQL database	Contains protected health information, Poison Center authorized users only. Will consider DUA and BAA.	704-512-3786	County for all year, 5-digit ZIP code beginning 2007
Surveillance	Pregnancy Nutrition Surveillance System (PNSS)	NCDHHS/DPH/SCHS	Survey of low-income and post-partum women focused on nutritional and behavioral risk factors	1997-2012 (CDC discontinued at end of 2012)	State, clinic and county for all years	SAS dataset or flat file	De-identified publicly available state-level data; other data files may have confidential information and requires permission of contributors and CDC request	919-733-4728	County and clinic for all-year
Surveillance	Pregnancy Risk Assessment Monitoring System (PRAMS)	NCDHHS/DPH/SCHS	Health risk factors and use of health services among a random sample of women who have recently had a baby	1998-present	State	SAS dataset or flat file	Not linkable sub-state	919-855-4495	No
Surveillance	NC Lead (part of the NC Electronic Disease Surveillance System)	NCDHHS/DPH/EHS	Contains blood lead test result information for children, demographics, clinical, and environmental follow-up information including investigation and environmental sample results	Oct 1992-present	State	Housed within the DPH Public Health Information Network platform	Contains protected health information, DPH authorized users only	919-707-5951	Requires program approval with strict security measures in place to protect against release of individual identifiers/protected health information
Surveillance	Birth Defects Monitoring Program	NCDHHS/DPH/SCHS /BDMP	Infants born with serious congenital anomaly	1987-present	Place of residence	SAS dataset or flat file	Requires IRB approval for specific studies.	919-792-5743	Available on project basis

Vital Statistics	Birth certificates	NCDHHS/DPH/SCHS	This data set contains information on all live births occurring in North Carolina and for North Carolina residents born out of state.	1968-2019	County of birth	SAS dataset or flat file	State Registrar approval for identifiable data; Odum Institute for public use datasets	919-733-3000	With State Registrar approval for identifiable data / aggregate data available
Vital Statistics	Death certificates	NCDHHS/DPH/SCHS	This data set contains information on all deaths occurring in North Carolina and for North Carolina residents dying out of state.	1968-2019	County of death	SAS dataset or flat file	SCHS approval for full SSN; Odum Institute for public use datasets	919-733-3000	Available on project basis per approval for appropriate use
Vital Statistics	Fetal deaths	NCDHHS/DPH/SCHS	All fetal deaths of 20 or more weeks gestation occurring in North Carolina and for North Carolina residents when the death is out of state.	Paper: 1922-2010; Electronic: 1968-2019	County of birth	SAS dataset or flat file	State Registrar approval for identifiable data; Odum Institute for public use datasets	915-715-4572	Available on project basis per approval for appropriate use
Surveillance	North Carolina Health Atlas	NCDHHS/SCHS	County level health and information maps including cancer, communicable diseases, social determinants, and vital statistics.	Dependent on indicators chosen	Statewide	Web/GIS	Public	919-715-4473	Yes

Health Effects - National

Broad Category	Data Set/ System Name	Data Custodian	High Level Description of Data	Time Period	Geographic Scale	Database/ Type environment	Access Restrictions	Agency Webpage	GIS available
Surveillance	Asthma	US CDC	State data on prevalence and national data on activity, days of work, medication, education, hospitalizations.	1999-Present	National/State/Local	Web	Public	https://www.cdc.gov/asthma/default.htm	Data Visualizations
Surveillance	Childhood Blood Lead	US CDC	State level and county level blood lead test data by state, year and blood lead level. Data for program management purpose with removed identifying information.	2012 - 2017	National/State	Excel	Public	https://www.cdc.gov/nceh/lead/default.htm	No
Surveillance	National Outbreak Reporting Systems (NORS)	US CDC	Reports of enteric illness outbreaks caused by bacterial, viral, parasitic, chemical, toxins, and unknown illness. Also reports of foodborne and waterborne outbreaks.	1971 - , 1998 - , 2009 - Present	National	Web	Public/ Additional data with NORS	https://www.cdc.gov/nors/index.html	Dashboard
Surveillance	Adult Blood Lead Epidemiology and Surveillance (ABLES) Program	US CDC/ NIOSH	Trends in adult workplace blood lead exposures by state including prevalence, incidence, and rate.	1994-2016	National	Excel	Public	https://www.cdc.gov/niosh/topics/ables/default.html	No
Surveillance	The National Health and Nutrition Examination Survey (NHANES)	US CDC/ NCHS	Survey to assess the health and nutritional status of adults and children through interviews and examinations.	1959 - Present	National	SAS	Public	https://www.cdc.gov/nchs/nhanes/index.htm	Interactive Dashboard
Surveillance	The Behavioral Risk Factor Surveillance System (BRFSS)	US CDC	Health-related telephone surveys to collect data about health-related risk conditions, chronic health conditions and use of preventive services.	1985 - Present	National	SAS	Public	https://www.cdc.gov/brfss/index.html	Yes

Surveillance	National Ambulatory Medical Care Survey (NAMCS)	US CDC/ NCHS	National data survey collected from physicians engaged in direct patient care including demographics, use of electronic medical records and lab values.	1993 - 2018	National	SAS/SPSS/STATA	Public/ Additional data with RDC	https://www.cdc.gov/nchs/ahcd/index.htm	No
Surveillance	National Hospital Ambulatory Medical Care Survey (NHAMCS)	US CDC/ NCHS	National data on the utilization and provision of ambulatory care services in hospital emergency and outpatient departments.	1992 - 2018	National	SAS/SPSS/STATA	Public/ Additional data with RDC	https://www.cdc.gov/nchs/ahcd/index.htm	No
Surveillance	National Hospital Care Survey (NHCS)	US CDC/ NCHS	Data on patient care in hospital - based settings to inform health care delivery and utilization in multiple settings. Linkage to NDI and CMS data, hospital billing, and other medical records.	2011-Present	National	FTP	Restricted/ Public unweighted data available for year 2013/2014	https://www.cdc.gov/nchs/nhcs/index.htm	No
Surveillance	National Post-Acute and Long-term Care Study (NPALS formerly NSLTCP)	US CDC/ NCHS	Assesses post- acute and long- term care fields, coverage of providers and recipients, and collects information of adult day services centers and residential care communities.	2012 - Present	National	FTP	Public/ Additional data with RDC	https://www.cdc.gov/nchs/npals/index.htm?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fnchs%2Fnsltcp%2Findex.htm	No
Surveillance	National Hospital Discharge Survey (NHDS)	US CDC/ NCHS	Sample probability survey of short-stay hospitals visits with information on discharged patients.	1965-2010	National	FTP/CD-ROM	Public	https://www.cdc.gov/nchs/nhds/index.htm	No
Surveillance	National Survey of Ambulatory Surgery (NSAS)	US CDC/ NCHS	Ambulatory surgery cases from sample of hospital based and freestanding ambulatory surgery centers.	1994-1996; 2006; Now NHAMCS	National	FTP	Public	https://www.cdc.gov/nchs/nsas/index.htm	No
Surveillance	National Home and Hospice Care Survey (NHHCS)	US CDC/ NCHS	Nationally representative sample surveys of home health and hospice agencies.	1973-2007; Now NSLTCP	National	FTP	Public/ Additional data with RDC	https://www.cdc.gov/nchs/nhhcs/index.htm	No

Surveillance	National Nursing Home Survey (NNHS)	US CDC/ NCHS	Nationally representative sample surveys of nursing homes, services, staff and residents.	1973-2004; Now NSLTCP	National	FTP	Public/ Additional data with RDC	https://www.cdc.gov/nchs/nnhs/index.htm	No
Surveillance	National Nursing Assistant Survey (NNAS)	US CDC/ NCHS	National probability survey of nursing assistants working in nursing homes and their role in providing long term care services.	1973-2004; Now NSLTCP	National	FTP	Public/ Additional data with RDC	https://www.cdc.gov/nchs/nnhs/index.htm	No
Surveillance	National Health Interview Survey (NHIS)	US CDC/ NCHS	Monitors trends in illness and disability on a broad range of health topics categorized by demographic and socioeconomic characteristics	1957 - Present	National	ASCII/SAS/Web	Public/ Additional data with RDC	https://www.cdc.gov/nchs/nhis/index.htm	No
Surveillance	National Survey of Family Growth	US CDC/ NCHS	Survey informs health services and health education programs, family life, marriage/divorce, family planning, contraception, and health.	1973-Present	National	SAS/STATA	Public/ Additional data with RDC	https://www.cdc.gov/nchs/nsfg/index.htm	No
Vital Records	National Vital Statistics System	US CDC/ NCHS	Data from contracts between NCHS and jurisdiction vital registration systems on vital events including births, deaths, marriages, divorces, and fetal deaths.	1968-Present	National	SAS/SPSS/STATA	Public/ Additional data with RDC	https://www.cdc.gov/nchs/nvss/index.htm	Yes
Surveillance	National Immunization Survey (NIS)	US CDC/ NIS	Series of phone surveys used to monitor vaccination coverage among children 19-35 months, teens 13-17 years, flu vaccinations for children's 6 months-17 years, and COVID-19 vaccinations for adults 18 years and older.	1994-Present	National	SAS	Public/ Additional data with RDC	https://www.cdc.gov/vaccines/imz-managers/nis/index.html	ChildVaxView/ Adult VaxView/ FluVaxView/ Interactive

Vital Records	National Death Index	US CDC/ NCHS	A centralized database of death record information compiled from state vital statistics offices as a resource for researchers and their studies.	1979 - Present	National	sFTP/CD-ROM	Restricted Files Requires Access	https://www.cdc.gov/nchs/ndi/index.htm	No
Cancer	National Program of Cancer Registries (NPCR)	US CDC/ USCS	Population-based surveillance system of cancer registries with de-identified cancer incidence data.	1992-Present	National	SEER*Stata Database	Restricted/ Public can access using NCI's Seer Program	https://www.cdc.gov/cancer/npcr/index.htm	Yes
Cancer	National Cancer Institute's (NCI's) Surveillance, Epidemiology, and End Results (SEER)	US CDC/ USCS/ NCI	Cancer incidence and survival data from population based cancer registries including demographics, tumor sites, morphology, diagnosis, treatment, and follow up.	1969 - Present	National	SEER*Stata Database	Public	https://seer.cancer.gov/	No
Surveillance	CDC WONDER	US CDC	Database of 20 collections of public-use data for U.S. births, deaths, cancer diagnoses, tuberculosis cases, vaccinations, environmental exposures, and more.	Dependent on topic chosen	National	Web/JPGS/ASCII	Public	https://wonder.cdc.gov/wonder/help/main.html#What%20is%20WONDER	Some
Surveillance	Longitudinal Studies of Aging	US CDC/ NCHS	A multicohort study of persons 70 years of age to monitor changes in the health, functional status, living arrangements, and health services utilizations.	1984-1990; 1994-2000	National	FTP/CD-ROM	Public/Some Files with RDC	https://www.cdc.gov/nchs/isoa/index.htm	No
Surveillance	Social Vulnerability Index	US CDC	Census tract level variables on four themes: socioeconomic status, household composition and disability, minority status and language, housing type and transportation.	2000-2018	National	Excel	Public	https://www.atsdr.cdc.gov/	Yes