2009 NATIONAL HEALTH INTERVIEW SURVEY (NHIS)   June 30, 2010
          PUBLIC USE DATA RELEASE

- -

INTRODUCTION

The National Health Interview Survey (NHIS) is conducted
annually by the National Center for Health Statistics (NCHS),
Centers for Disease Control and Prevention (CDC). The NHIS
administers face-to-face interviews in a nationally
representative sample of households. Each week a probability
sample of the civilian non-institutionalized population of the
United States is interviewed by personnel of the U.S. Bureau of
the Census. Information is obtained about the health and other
characteristics of each member of the household.

2009 NHIS STRUCTURE

The NHIS contains many similar questions every year. The
repeated items are called "core questions". Beginning with a
new NHIS design in 1997, these core questions were divided into
three components -- Family, Sample Adult, and Sample Child. In

some years, the NHIS also has supplemental questions/modules.
The 2009 NHIS contains the core questions and additional supplemental questions
in the Sample Adult questionnaire on the subjects of stroke, arthritis,
immunization, and health information technology; as well as an additional
supplemental question in the Family questionnaire on the presence of a carbon
monoxide (CO) detector in the home. Along with the 2009 NHIS data files release
is the Disability Questions Tests 2008/2009 File that contains five calendar
quarters of person-level data collected via a field test of six disability
questions that were developed for use on the American Community Survey (ACS).
These questions were conducted as a supplement on the National Health Interview
Survey (NHIS) using a split-ballot format, with half of the NHIS families
receiving the questions as they are administered on the ACS and the other half
as they are administered on the CPS. These questions were asked at the end of
the Family Core of NHIS, beginning in October 2008 and running through December
2009. For more details, please refer to
http://www.cdc.gov/nchs/nhis/disabilityquestionstests20082009.htm.

The 2009 NHIS data release consists of six questionnaires, eight data files, a
paradata file, and a disability questions tests file. See the Survey
Description document for more details.

The following chart shows the output data files for the 2009
NHIS components:

```
 Component            Questionnaire       Output Data File
 -----------------    -------------       ----------------------
 Family Core          Household           Household
     "                Family              Family
     "                  "                 Person
     "                  "                 Injury/Poison Episode
     "                  "                 Injury/Poison Verbatim
 Sample Adult Core    Adult               Sample Adult
 Sample Child Core    Child               Sample Child
     --               Cover               Family
     --               Disbtest            Disability Questions Tests 2008/2009
     --               --                  Paradata
```


2009 NHIS FILES AND DOCUMENTATION

The various files listed below comprise the 2009 National Health
Interview Survey (NHIS) public use data release.

2009 NHIS SURVEY QUESTIONNAIRES, ETC.

The 2009 NHIS consists of six questionnaires - Household,
Family, Adult, Child, Cover, and Disbtest. The questionnaires that
are provided with the release of the 2009 NHIS are not
identical to the versions that were utilized in the field.
The questionnaires provided here reflect the minor changes in
data presentation that occurred during the editing process.

Both English and Spanish versions of the questionnaires are
released. The Spanish versions contain interviewer
instructions in English.

The 2009 NHIS has similar questions as previous years and
the same software was utilized for the questionnaire delivery
system as was used for the 2008 NHIS.

Prior to 2004, one household equaled one "case". Beginning in 2004,
each family is considered a separate case. For multiple-family
households, there is a "parent" case designated for the first
family identified, and each subsequent family becomes a
"spawned" case from the parent, with its own unique case id.

Flashcards were handed to the respondents to facilitate their
ability to answer certain questions - these are referenced in
the questionnaires. The Field Representative Manual contains
the guidelines and instructions on the survey process and topic
areas covered by the NHIS and was provided to the Field
Representatives (also known as interviewers).   Also included is
a flowchart that shows how a respondent would move through the
various questionnaires.

The survey questionnaires, flashcards, and Field Representative
Manual are in Adobe Portable Document Form (PDF) format and can
be viewed with Adobe Acrobat software. The Adobe Acrobat Reader
software can be downloaded from the Adobe Acrobat Web site at:

http://www.adobe.com/prodindex/acrobat/readstep2.html

2009 NHIS DATA FILES

The 2009 NHIS has been divided into nine data files. For ease
of transmission, each of the 2009 NHIS data files has been
converted into a self-extracting compressed format. To load and
expand a compressed file into an ASCII file, perform the
following steps:

Download a compressed file onto your hard drive into an
appropriate directory (folder).

Double-click the file example HOUSEHLD.EXE. You will be prompted if you would
like to create a folder on your hard drive 'c:\nhis2009\'. If you agree, the
folder will be created and the data file will extract. If the folder already
exists on your hard drive, it will extract the data file into the c:\nhis2009
directory.

- From DOS   - type HOUSEHLD and hit Enter

- From Windows - Double-click on HOUSEHLD.EXE and hit Enter.

The ASCII file HOUSEHLD.DAT will be generated which can then be
used for processing by PC statistical software packages which
utilize ASCII formatted input, or transferred to another
computer for processing.

NOTE: The 2009 NHIS files are large in size. Please use caution
and check your disk drive capacity before extracting.

NOTE: Users have encountered difficulties when downloading the
data files onto their 'Desktop'. When downloading the data

files, please use a separate folder (directory).


```
 File Name           Description                    Format

FAMILYXX.EXE   Family Data                    Compressed ASCII
HOUSEHLD.EXE   Household Data                 Compressed ASCII
INJPOIEP.EXE   Injury/Poison Episode          Compressed ASCII
INJVERBT.EXE   Injury/Poison Verbatim         Compressed ASCII
PERSONSX.EXE   Person Data                    Compressed ASCII
SAMADULT.EXE   Sample Adult Data              Compressed ASCII
SAMCHILD.EXE   Sample Child Data              Compressed ASCII
PARADATA.EXE   Paradata                       Compressed ASCII
DISBTEST.EXE   Disability Questions Tests 2008/2009  Compressed ASCII
```


2009 NHIS SAS, SPSS AND STATA INPUT STATEMENTS

Sample SAS, SPSS, and STATA input statement programs have been
provided for each data file. By using the ASCII data files
(.DAT files that can be extracted from the .EXE files) as
input to these programs, SAS, SPSS, or STATA
data files can be created. The SAS, SPSS, and STATA input
statement programs are stored in ASCII format. STATA programs
were not provided prior to the 2002 data year.

```
 File Name           Description                    Format

FAMILYXX.SAS   Family SAS program                    ASCII
HOUSEHLD.SAS   Household SAS program                 ASCII
INJPOIEP.SAS   Injury/Poison Episode SAS program     ASCII
INJVERBT.SAS   Injury/Poison Verbatim SAS program    ASCII
PERSONSX.SAS   Person SAS program                    ASCII
SAMADULT.SAS   Sample Adult SAS program              ASCII
SAMCHILD.SAS   Sample Child SAS program              ASCII
PARADATA.SAS   Paradata SAS program                  ASCII
DISBTEST.SAS   Disability Questions Tests SAS program  ASCII



FAMILYXX.SPS   Family SPSS program                   ASCII
HOUSEHLD.SPS   Household SPSS program                ASCII
INJPOIEP.SPS   Injury/Poison Episode SPSS program    ASCII
INJVERBT.SPS   Injury/Poison Verbatim SPSS pgm       ASCII
PERSONSX.SPS   Person SPSS program                   ASCII
SAMADULT.SPS   Sample Adult SPSS program             ASCII
SAMCHILD.SPS   Sample Child SPSS program             ASCII
PARADATA.SPS   Paradata SAS program                  ASCII
DISBTEST.SPS   Disability Questions Tests SAS program  ASCII



FAMILYXX.DO    Family Stata program                  ASCII
HOUSEHLD.DO    Household Stata program               ASCII
INJPOIEP.DO    Injury/Poison Episode Stata program   ASCII
INJVERBT.DO    Injury/Poison Verbatim Stata pgm      ASCII
PERSONSX.DO    Person Stata program                  ASCII
SAMADULT.DO    Sample Adult Stata program            ASCII
```

```
SAMCHILD.DO    Sample Child Stata program            ASCII
PARADATA.DO    Paradata SAS program                  ASCII
DISBTEST.DO    Disability Questions Tests SAS program  ASCII
```

2009 NHIS DATA FILE DOCUMENTATION FILES

There are three documentation files associated with each subject matter
file (summary, layout, frequency report). There is also a Survey
Description document which contains general information about
the 2009 NHIS.

The documentation files are in PDF format and can be viewed with
Adobe Acrobat software. The Adobe Acrobat Reader software can
be downloaded from the Adobe Acrobat Web site at:

http://www.adobe.com/prodindex/acrobat/readstep2.html

```
  File Name                 Description                        Format

FAMILYXX_SUMMARY.PDF    Family File Variable Summary            PDF
HOUSEHLD_SUMMARY.PDF    Household File Variable Summary          PDF
INJPOIEP_SUMMARY.PDF    Inj/Poi Episode File Variable Summary    PDF
INJVERBT_SUMMARY.PDF    Inj/Poi Verbatim File Variable Summary   PDF
PERSONSX_SUMMARY.PDF    Person File Variable Summary             PDF
SAMADULT_SUMMARY.PDF    Sample Adult File Variable Summary       PDF
SAMCHILD_SUMMARY.PDF    Sample Child File Variable Summary       PDF
PARADATA_SUMMARY.PDF    Paradata File Variable Summary           PDF
DISBTEST_SUMMARY.PDF    Disability Questions File Variable Summary  PDF


FAMILYXX_LAYOUT.PDF     Family File Layout                       PDF
HOUSEHLD_LAYOUT.PDF     Household File Layout                     PDF
INJPOIEP_LAYOUT.PDF     Inj/Poi Episode File Layout              PDF
INJVERBT_LAYOUT.PDF     Inj/Poi Verbatim File Layout             PDF
PERSONSX_LAYOUT.PDF     Person File Layout                       PDF
SAMADULT_LAYOUT.PDF     Sample Adult File Layout                 PDF
SAMCHILD_LAYOUT.PDF     Sample Child File Layout                 PDF
PARADATA_LAYOUT.PDF     Paradata File Layout                     PDF
DISBTEST_LAYOUT.PDF     Disability Questions File Layout         PDF


FAMILYXX_FREQ.PDF       Family File Frequency Report             PDF
HOUSEHLD_FREQ.PDF       Household File Frequency Report          PDF
INJPOIEP_FREQ.PDF       Inj/Poi Episode File Frequency Report    PDF
INJVERBT_FREQ.PDF       Inj/Poi Verbatim File Frequency Report   PDF
PERSONSX_FREQ.PDF       Person File Frequency Report             PDF
SAMADULT_FREQ.PDF       Sample Adult File Frequency Report       PDF
SAMCHILD_FREQ.PDF       Sample Child File Frequency Report       PDF
PARADATA_FREQ.PDF       Paradata File Frequency Report           PDF
DISBTEST_FREQ.PDF       Disability Questions File Frequency Report  PDF


SRVYDESC.PDF            Survey Description Document              PDF
```

NOTE: The numeric portion of the variable labels included in the SAS
programming code and frequency documents are provided as a link to
the file layout document but do not necessarily link to the

question numbers on the survey instrument, especially for recode
variables. The recode variables may be based on other recodes or
more than one question.

2009 NHIS DATA FILES' RECORD SEQUENCE

All records in the NHIS data files have first been sorted by the
Household Serial Number (HHX).

The Family file has been sorted by combining the Household Serial
Number (HHX) and the Family Serial Number (FMX).

The person-level files (Person, Sample Adult, Sample Child, Adult)
have been sorted by combining the Household Serial Number
(HHX), Family Sequence Number (FMX) and Person Sequence Number (FPX).

The injury files (Injury/Poison Episode and Injury/Poison Verbatim)
have been sorted by combining the Household Serial Number (HHX),
Family Sequence Number (FMX), Person Sequence Number (FPX), and
Injury/Poison Sequence Number (IPEPNO).

MERGING 2009 NHIS DATA FILES

To merge data from the Household file into the Family file, or
into any of the person-level files (Person, Sample Adult, Sample
Child) or into any of the episode-level files (Injury/Poison Episode
and Injury/Poison Verbatim), merge by variable HHX.

To merge the Family file information into a person-level or
episode-level file merge by HHX and FMX.

To merge any person-level file with another person-level file or
with an episode-level file, merge by variables HHX, FMX and FPX.

To merge one Injury file with the other Injury file, merge by
variables HHX, FMX, FPX, and IPEPNO.

NOTE: An asterisk in the summary and/or frequency documents
means that there is additional information for the variable in
the Notes section of the file's layout document.

CONTACT INFORMATION

Updates about new data releases, publications, or errors will be
sent to members of the NHIS Listserv. To join, visit the
website at:

http://www.cdc.gov/nchs/nhis/nhis_listserv.htm

For additional information on NHIS data products:

    Phone   : 301-458-4901
    FAX   : 301-458-4035

```
    E-mail  : nhislist@cdc.gov.
    Internet: http://www.cdc.gov/nchs/nhis.htm
```

For additional information on other NCHS data products:

```
    Phone   : 301-458-INFO [301-458-4636]
    E-mail  : nchsquery@cdc.gov
    Internet: http://www.cdc.gov/nchs
```

STATEMENT OF AUTHENTICITY