

National Health Aging Trends Study(NHATS)

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Contents

Database

List of Aging Related Databases

AHA
(America Hospital Association)

American Hospital Association Annual Survey of Hospitals

American Medical Association Physician Master File

Area Health Resource File(AHRF)

Area Resource File (ARF)

Behavioral Risk Factor Surveillance System(BRFS)

- **Topic/focus:** Aging Trends questionnaire
- **Year(s):**
- **Source:** <http://www.nhats.org/>
- **Study and sample characteristics:**
- **Universe:** End of life, Financial, Mental capacity, Joy
- **Variables:** 1000+
- **Access:** Free with registration for public use files. There are additional sensitive files with details of how to obtain shown [here](#).
- **Cost:** free public use files, with 'sensitive' available through request process
- **Key web links:** [Direct Link](#)
- **Summary:** National Health & Aging Trends Study (NHATS) is a new resource for the scientific study of functioning in later life. NHATS is being conducted by the Johns Hopkins University Bloomberg School of Public Health, with data collection by Westat, and support from the National Institute on Aging. In design and content, NHATS is intended to foster research that will guide efforts to reduce disability, maximize health and independent functioning, and enhance quality of life at older ages. Starting in 2011, NHATS has been gathering information on a nationally representative sample of Medicare beneficiaries ages 65 and older. In-person interviews collect detailed information on activities of daily life, living arrangements, economic status and well-being, aspects of early life, and quality of life.

NHATS data information

The data from Rounds 1, 2, and 3 have been normalized and merged into their respective databases. If a question set was present in multiple years in the SP database then the different rounds were merged into a single database with an additional field named ROUND added. The ROUND field is an integer as 1, 2, or 3 indicated which round the data was originally from.

If a round did not have the question in its set it is set to a "-1" to distinguish that it is not applicable in the question set. This happens quite often where one or two questions were slightly changed from round to round or a question was added or removed in later sets.

Chronic
condition
data
warehouse

Dartmouth
Atlas of
Health Care

Dartmouth
Atlas
Project

Demographic
Health
Survey (DHS)

Healthcare Co
and Utilization
Project(H-
CUP/HCUPNE

Health
United
States

ICPSR

Innovation in
Medical Eviden
Development &
Surveillance(IF

Integrated
Public Use
Microdata
Series

Kaiser
family
foundation
state level
health facts

LSOA II

Medical
Expenditure
Panel
Survey(MEPS)

Oddities

- There are two question sets that were present in each round but were different enough to warrant their own table.
- SP_R1_DM represent the first round table for the DM question set. The reason the first round of this question set is split off in redshift is due to how there are very few questions that were asked in the first round that were asked in subsequent rounds. Round 2 and 3 are similar and thus were joined.
- SP_R1_DS has the same situation as SP_R1_DM were very few questions are similar between round 1 and the later rounds. Rounds 2 and 3 are still similar enough to be merged though.

Also Table CP (cognitive proxy) and table CG (cognition sample person) have been merged into one table due to them asking very similar questions and all that's different is who asked the question.

Example SQL statements

```
SELECT tableName1.columnName1, tableName1.colu
FROM nhats.tableName1
INNER JOIN nhats.tableName2
    ON tableName1.spid = tableName2.spid a

INNER JOIN nhats.tableName3
    ON tableName1.spid = tableName3.spid a

ORDER BY tableName1.spid, tableName1."round"
```

- tableName# is the different tables you want to pull in.
- columnName# is the columns from those tables you want to pull in.
- The SELECT statement is which columns you want from each database.
- For each question set you want to pull add another INNER JOIN line.
- order by sorts the tables on a specific column name in this case the spID and the round number.

Data Dictionaries

Due to the majority of the tables being merged and because for some questions sets the questions changed from year to year the data dictionaries are laid out so that a link to every round is

Medicare
Current
Beneficiary
Survey
(MCBS)

Medicare
Healthcare
Cost Report
Information
System(HCRIS)

Medicare
Provider
Utilization
and
Payment
Data

MEPSnet

National
Ambulatory
Medical
Care
Survey
(NAMCS)

**National
Health Aging
Trends
Study(NHATS)**

National
Health and
Nutrition
Examination
Survey
(NHANES)

National
Health
Examination
Survey(NHES)
Cycle II

National
Health
Examination
Survey
(NHES)
Cycle I

available under the header.

Merged Tables

Only Rounds 1 and 3

Income and Assets (IA)

- https://www.nhats.org/scripts/instruments/40_IA_Round40_

Rounds 2 and 3 different than Round 1

Duration of Self-Care Accommodations (DS)

- DS Round 3

Duration of Mobility Accommodations (DM)

- DM Round 3

All Sets

Interview Setup (IS)

- Round 1
- Round 2
- Round 3

Residence (RE)

- Round1
- Round 2
- Round 3

Health Conditions (HC)

- 03_HC_Round1_Final
- Round 2
- Round 3

Housing Type (HT)

- Round 1
- Round 2
- Round 3

Service Environment (SE)

- Round 1
- Round 2
- Round 3

Household (HH)

- 06_HH_Round_1_Finalv2

National Health Examination Survey (NHES) Cycle III

- Round 2
- Round 3

Children and Siblings (CS)

- Round 1
- Round 2
- Round 3

National Health Interview Survey(NHIS)

Social Network (SN)

- round 1
- Round 2
- Round 3

National Health Interview Survey (NHIS) Multiple Cause-of-Death Public Use Data File

Home Environment (HO)

- Round 1
- Round 2
- Round 3

National Health Interview Survey (NHIS) State Data Files

Environmental Modifications (EM)

- Round 1
- Round 2
- Round 3

National Health Interview Survey on Disability(NHID) Phase I and II

Community (CM)

- Round 1
- Round 2
- Round 3

National Home and Hospice Care Survey (NHHCS)

Technological Environment (TE)

- Round 1
- Round 2
- Round 3

National Hosp Ambulatory Medical Care Survey(NHAM)

Mobility Devices (MD)

- Round 1
- Round 2
- Round 3

National Hospital Discharge Survey(NHDS)

Sensory and Physical Impairments and Symptoms (SS)

- Round 1
- Round 2
- Round 3

Physical Capacity (PC)

- Round 1
- Round 2

National
Nursing Home
Survey(NNHS)

- Round 3

Cognition (Proxy) (CP)

- Round 1
- Round 2
- Round 3

National
Survey of
Ambulatory
Surgery
(NSAS)

Cognition (Sample Person) (CG)

- Round 1
- Round 2
- Round 3

Nationwide
Inpatient
Sample(NIS)

Mobility (MO)

- Round 1
- Round 2
- Round 3

NCHS-CMS
Medicare
and NCHS-
USRDS
Data

Driving and Transportation (DT)

- Round 1
- Round 2
- Round 3

NDFRT

RESDAC
CMS Data

Household Activities (HA)

- Round 1
- Round 2
- Round 3

School Health
Policies and
Programs
Study(SHPPS)

Self-Care Activities (SC)

- Round 1
- Round 2
- Round 3

SEER-
Medicare

SIPP

Medical Care Activities (MC)

- Round 1
- Round 2
- Round 3

State of
Aging and
Health
Report

Participation (PA)

- Round 1
- Round 2
- Round 3

The
biennial
National
Study of
Long-Term
Care
Providers
(NSLTCP)

Smoking (SD)

- Round 1
- Round 2
- Round 3

The MIMIC
II Clinical
Database
Demo

The National
Hospital Care
Survey(NHCS)

The
Organisation
for
Economic
Co-operation
and
Development
international
health
statistics

U.S.
Census
Bureau
Data

U.S.
Nursing
Home
Information
and
Registry

Us
Preventive
Services
Task Force

Visiting
Nurse
Service of
New York

Web-Based Inj
Statistics Que
and Reporting
System(WISQ,

Wide-Ranging
Data for Epide
Research(CDC

ZCTA
County

Download,
normalization,
and upload
procedure for
datasets.

Performance Activities Eligibility (PE)

- Round 1
- Round 2
- Round 3

Performance Activities Booklet (Performance Activities Booklet)

- Booklet

Height and Weight (HW)

- Round 1
- Round 2
- Round 3

Early Life (EL)

- Round 1
- Round 2
- Round 3

Well-Being (WB)

- Round 1
- Round 2
- Round 3

Insurance Plans (IP)

- Round 1
- Round 2
- Round 3

Labor Force (LF)

- Round 1
- Round 2
- Round 3

Home Ownership (HP)

- Round 3

Economic Well-being (EW)

- Round 1
- Round 2
- Round 3

Helpers (HL)

- Round 1
- Round 2
- Round 3

In-Progress
Databases

LastPass
Enterprise

Software Tools

Training
Materials

Interviewer Remarks (Including Environmental Checklist)

- Round 1
- Round 2
- Round 3

Facility Questionnaire (FQ)

- Round 1
- Round 2
- Round 3

Round 1 Only

Duration of Self-Care Accommodations (DS)

- DS

Duration of Mobility Accommodations (DM)

- 21_DM_Round1_Final

Veteran's Status (VA)

- 35_VA_Round1_Final

NLTCS Screener Questions (LS)

- LS

Car Ownership (CO)

- CO

Race, Ethnicity, and Language (RL)

- 34_RL_Round_1_Final_v2

All Round 1 Data Collection Instrument Sections

- Round_1_Data_Collection_Instruments_All_Sections

Round 2 Only

ACS Disability Questions (AD)

- ACS Disability Questions (AD)

Engagement in Health Care (EH)

- Round 2 EH

End of Life Plans and Care (EP)

- Round 2 EP

All Round 2 Data Collection Instrument Sections

- ALL

Round 3 Only

Pain (PN)

- PN Round 3

Personality Traits (PT)

- PT Round 3

Sleep (SL)

- SL round 3

FL

Anything not in the other categories(OTHER)

All Round 3 Data Collection Instrument Sections

- ALL Round 3