

## National Health Interview Survey

- National Health Interview Survey**
- About NHIS
- What's New
- Coming Events
- Questionnaires, Datasets, and Related Documentation
- Special Topics
- NHIS on Disability
- Survey Reports and Data Linked to NHIS
- Listserv

[NCHS Home](#) > [Surveys and Data Collection Systems](#)

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The National Health Interview Survey (NHIS) has monitored the health of the nation since 1957. NHIS data on a broad range of health topics are collected through personal household interviews. For over 50 years, the U.S. Census Bureau has been the data collection agent for the National Health Interview Survey. Survey results have been instrumental in providing data to track health status, health care access, and progress toward achieving national health objectives.

**Selected Participants**  
Have you been selected to take part in the National Health Interview Survey?

- Related Sites**
- [NHIS Early Release Program](#)
  - [Surveys and Data Collection Systems](#)
  - [Integrated Version of Selected NHIS Variables](#)
  - [Joint Canada/United States Survey of Health](#)
  - [Child and Family Statistics](#)

 <b>NHIS Brochure</b> [PDF - 712 KB]	 <b>Early Release Brochure</b> [PDF - 1.2 MB]
 <b>Folleto de NHIS</b> [PDF - 539 KB]	 <b>Confidentiality Brochure</b> [PDF - 251 KB]

### What's New

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**Contact Us:**

Division of Health Interview Statistics, National Center for Health Statistics  
3311 Toledo Rd. Room 2217  
Hyattsville, MD 20782

(301) 458-4901  
(301) 458-4001

[nhis@cdc.gov](mailto:nhis@cdc.gov)  
[Contact CDC-INFO](#)

**The NHIS OARS link will be found here on the NHIS homepage**

http://nhisdemo.westat.com/

CDC Home  
**CDC** Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money Through Prevention.

A-Z Index [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) <#>

## National Health Interview Survey Online Analytic Real-Time System (OARS)

NCHS Home > [Surveys and Data Collection Systems](#) > [National Health Interview Survey](#)

**National Health Interview Survey**

- About NHIS
- What's New
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**National Health Interview Survey Online Analytic Real-Time System (OARS)**



The National Health Interview Survey Online Analytic Real-Time System (OARS) is an online tool enables

- Health experts
- Polymakers
- Journalists
- Ordinary people

to search and compare health statistics by county, region and state nationwide for

- Grant proposal
- Needs assessment
- Research
- News reporting
- Policy-making

**OARS features:**

- Quick: (insert more details)
- Easy: (insert more details)
- Free: There is no registration fee or annual fee to use the online analysis system.

**Log In**

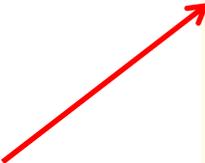
Email Address:

Password:

[Forgot your password?](#)

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## National Health Interview Survey Online Analytic Real-Time System (OARS)



**NHIS Online Analytic Real-Time System (OARS)**

- Home
- Frequently Asked Questions
- Statistical Methods
- Confidentiality
- Glossary
- Data Dictionary
- Contact Us

[NCHS Home](#) > [Surveys and Data Collection Systems](#) > [NHIS Online Analytic Real-Time System \(OARS\)](#)

Hello, Jacqueline      [Account](#)   [Saved Queries](#)   [FAQs](#)   [Contact Us](#)   [Logout](#)

Text size: **S** M L XL  
 Print page

### Welcome to the National Health Interview Survey Online Analytic Real-Time System (OARS)

OARS allows you to:

- Access a dataset using a standard web browser
- Create queries to answer questions of interest
- Request statistics
- View tables and graphs onscreen
- Print and/or export results
- Save queries to use again later



**Analyze Data Now**

Print

Page last reviewed: February 1, 2012  
Page last updated: February 1, 2012  
Content source: [CDC/National Center for Health Statistics](#)



**START NEW QUERY**

**QUERY SUMMARY**  
Edit Selection Delete

Geographic Area  
United States

Topic(s)

Population Limits

Survey Years  
2010

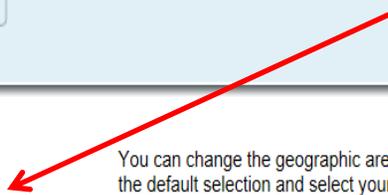
Statistical Options

**OPTIONAL FILTERS**

GEOGRAPHIC AREA **TOPIC(S)** POPULATION LIMITS SURVEY YEARS STATISTICAL OPTIONS GET RESULTS

**Geographic Area ?**

**Choose level of geography here**



United States

You can change the geographic area by selecting one of the options below or continue with the default selection and select your query topic(s).

**OR SELECT ONE OPTION**

- Region  State  CBSA Size  Urban/Rural  CBSA/MSA Status

Compare to Nation ?

http://nhisdemo.westat.com/Project/Dim.aspx

File Edit View Favorites Tools Help

Convert Select

# National Health Interview Survey Online Analytic Real-Time System (OARS)

back to National Health Interview Survey Online Analytic Real-Time System (OARS) Home

Hello, Jacqueline Home Account Saved Queries Print FAQs Glossary Contact Us Logout

OPTIONAL FILTERS

GEOGRAPHIC AREA TOPIC(S) POPULATION LIMITS SURVEY YEARS STATISTICAL OPTIONS GET RESULTS

START NEW QUERY

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Edit Selection Delete

Geographic Area  
United States

Topic(s)

Population Limits

Survey Years  
2010

Statistical Options

Topics ? **MODE:** ?  Cross-tab  Univariate analysis   [Browse Topics](#)

**Cross-tab = categorical variables; Univariate = continuous variables**

Limit to most recent year survey data

### BROWSE TOPICS

- + AIDS
- + Conditions
- + Demographic
- + Demographic - Additional
- + Health Behaviors
- + Health Care Access and Utilization
- + Health Insurance
- + Health Status/Limitations
- + Income and Assets
- + Mental Health
- + Socio-Economic Status

**Another method for searching for variables type in keyword**

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**The NHIS OARS link will be found here on the NHIS homepage**



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National Center for Health Statistics

- National Health Interview Survey**
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- What's New
- Coming Events
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- NHIS Online Analytic Real-Time System (OARS)**
- Frequently Asked Questions
- Statistical Methods
- Confidentiality
- Glossary
- Data Dictionary
- Contact Us
- Listserv

[NCHS Home](#) > [Surveys and Data Collection Systems](#) > [National Health Interview Survey](#)

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Text size: **S** M L XL

- Email page
- Print page
- Bookmark and share

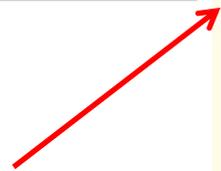
**Log In**

Email Address:

Password:

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## National Health Interview Survey Online Analytic Real-Time System (OARS)



**NHIS Online Analytic Real-Time System (OARS)**

- Home
- Frequently Asked Questions
- Statistical Methods
- Confidentiality
- Glossary
- Data Dictionary
- Contact Us

[NCHS Home](#) > [Surveys and Data Collection Systems](#) > [NHIS Online Analytic Real-Time System \(OARS\)](#)

Hello, Jacqueline      [Account](#)   [Saved Queries](#)   [FAQs](#)   [Contact Us](#)   [Logout](#)

Text size: **S** M L XL  
 Print page

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**Analyze Data Now**

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Page last reviewed: February 1, 2012  
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OPTIONAL FILTERS

START NEW QUERY

- GEOGRAPHIC AREA
- TOPIC(S)**
- POPULATION LIMITS
- SURVEY YEARS
- STATISTICAL OPTIONS
- GET RESULTS

QUERY SUMMARY

Edit Selection Delete

Geographic Area  
United States

Topic(s)

Population Limits

Survey Years  
2010

Statistical Options

Geographic Area ?

Choose level of geography here

United States

You can change the geographic area by selecting one of the options below or continue with the default selection and select your query topic(s).

OR SELECT ONE OPTION

- Region
- State
- CBSA Size
- Urban/Rural
- CBSA/MSA Status

Compare to Nation ?



Browser window showing the URL: <http://nhisdemo.westat.com/Project/Dim.aspx>. The browser tabs include "CDC Connects — CDC ...", "National Center for He...", and "OARS - Topics".

The application interface includes a menu bar (File, Edit, View, Favorites, Tools, Help) and a toolbar with "Convert" and "Select" options.

The main content area is titled "OPTIONAL FILTERS" and contains several tabs: "GEOGRAPHIC AREA", "TOPIC(S)", "POPULATION LIMITS", "SURVEY YEARS", "STATISTICAL OPTIONS", and "GET RESULTS".

The "TOPIC(S)" tab is active, showing a "Topics" section with a "MODE:" dropdown set to "Cross-tab" and "Univariate analysis". There is a search box labeled "Enter Keywords" and a "Search" button, along with a "Browse Topics" link.

Below the search area, there is a checkbox labeled "Limit to most recent year survey data" with an "Apply" button.

The "BROWSE TOPICS" section lists various categories, each with a plus icon:

- AIDS
- Conditions
- Demographic
- Demographic - Additional
- Health Behaviors
  - Alcohol consumption
  - Body measurements, sample adult
  - Sleep, sample adult
  - Smoking behavior
- Health Care Access and Utilization
- Health Insurance
- Health Status/Limitations
- Income and Assets
- Mental Health
- Socio-Economic Status

A red arrow points to the "Smoking behavior" item under the "Health Behaviors" category.

A red text box in the bottom left corner reads: "Detailed category listing under larger topic heading".

Browser window showing the URL: <http://nhisdemo.westat.com/Project/Dim.aspx>. The page title is "OARS - Topics".

Navigation menu: File, Edit, View, Favorites, Tools, Help.

Buttons: Convert, Select.

Optional Filters: GEOGRAPHIC AREA, TOPIC(S), POPULATION LIMITS, SURVEY YEARS, STATISTICAL OPTIONS, GET RESULTS.

Query Summary: Edit Selection, Delete.

Geographic Area: United States.

Topic(s):

Population Limits:

Survey Years: 2010.

Statistical Options:

MODE: ?

Radio buttons:  Cross-tab,  Univariate analysis.

Search box: Enter Keywords, Search.

Link: [Browse Topics](#).

Limit to most recent year survey data ?

**BROWSE TOPICS**

- + AIDS
- + Conditions
- + Demographic
- + Demographic - Additional
- Health Behaviors
  - + [Alcohol consumption](#)
  - + [Body measurements, sample adult](#)
  - + [Sleep, sample adult](#)
  - + [Smoking behavior](#)
- + Health Care Access and Utilization
- + Health Insurance
- + Health Status/Limitations
- + Income and Assets
- + Mental Health
- + Socio-Economic Status

**Detailed category listing under larger topic heading**

http://nhisdemo.westat.com/project/filter.aspx

CDC Home  
**CDC** Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money Through Prevention.

## National Health Interview Survey Online Analytic Real-Time System (OARS)

back to National Health Interview Survey Online Analytic Real-Time System (OARS) Home

Hello, Jacqueline

Home Account Saved Queries Print FAQs Glossary Contact Us Logout

START NEW QUERY

OPTIONAL FILTERS

GEOGRAPHIC AREA TOPIC(S) POPULATION LIMITS SURVEY YEARS STATISTICAL OPTIONS GET RESULTS

**Population** ? [Add to Population](#)

**AGE**

SELECT AN AGE CATEGORY

- Include All
- Child (0-17)
- Adult (18-65)
- Senior (66-85)

SELECT AN AGE RANGE

**SEX**

- Include All
- Male
- Female

**RACE**

- Include All
- Hispanic
- Non-Hispanic White
- Non-Hispanic Black
- Non-Hispanic All Other Race

Groups

**QUERY SUMMARY**  
Edit Selection Delete

Geographic Area  
United States

Topic(s)  
Age X  
[OARS harmonized recode: Cov stat as used in Health United States](#) X

Population Limits

Survey Years  
2010 X

Statistical Options

Users can filter analyses by age, race, or sex on this page

http://nhisdemo.westat.com/Project/ReqFiltr.aspx

File Edit View Favorites Tools Help

Convert Select

# National Health Interview Survey Online Analytic Real-Time System (OARS)

back to National Health Interview Survey Online Analytic Real-Time System (OARS) Home

Hello, Jacqueline Home Account Saved Queries Print FAQs Glossary Contact Us Logout

OPTIONAL FILTERS

START NEW QUERY

GEOGRAPHIC AREA TOPIC(S) POPULATION LIMITS SURVEY YEARS STATISTICAL OPTIONS GET RESULTS

## Data Years ?

If no other selection is made, the query will be drawn on the most recent survey year available.

### SELECT YEARS

<input checked="" type="checkbox"/> 2010	<input type="checkbox"/> 2006
<input type="checkbox"/> 2009	<input type="checkbox"/> 2005
<input type="checkbox"/> 2008	<input type="checkbox"/> 2004
<input type="checkbox"/> 2007	

Compare Years ?

**Users can select as many or as few years for analysis as desired. Default is the most recent data year; 1997-2003, 2011-2012 to be added soon.**

**This option allows users to compare data years if desired.**

QUERY SUMMARY  
Edit Selection Delete

Geographic Area  
United States

Topic(s)  
Age X  
OARS harmonized recode: Cov stat as used in Health United States X

Population Limits

Survey Years  
2010 X

Statistical Options

Browser window showing the URL: <http://nhisdemo.westat.com/Project/Contents.aspx>. The page title is "Hello, Jacqueline".

Navigation menu: Home Account Saved Queries Print FAQs Glossary Contact Us Logout

Optional Filters: GEOGRAPHIC AREA TOPIC(S) POPULATION LIMITS SURVEY YEARS STATISTICAL OPTIONS GET RESULTS

**Statistical Options ?** ← **Users can add statistical tests and make adjustments to the output in the results table on this page**

**QUERY SUMMARY**  
Edit Selection Delete

Geographic Area  
United States

Topic(s)  
Age X  
OARS harmonized recode: Cov stat as used in Health United States X

Population Limits

Survey Years  
2010 X

Statistical Options

**CELL ESTIMATES ?**

- Basic Weighted Estimates (check all that apply)
  - Frequency
  - Cell Percentage
  - Row Percentage
  - Column Percentage
- Statistics of Another Variable(s)
  - Mean
  - Total
  - Median
  - Percentile  1 ~ 99
  - Ratio

**PRECISION MEASURES ?**

(check all that apply)

- Confidence Interval

Approach

- Standard
- Wilson

Confidence Level

- 90%
- 95%
- 99%

- Standard Error
- Relative Standard Error (CV)

**STATISTICAL TESTS ?**

(check all that apply)

- Chi-Square

Approach

- RS2
- RS3

- t-test
- Select t-tests

**ADJUSTED RATES ?**

- Apply Adjusted Rates

Type

- Age Adjusted  
Select Age Group
- Sex Adjusted
- Age Sex Adjusted  
Select Age Group

Browser: http://nhisdemo.westat.com/Project/Results.aspx

Menu: File Edit View Favorites Tools Help

Buttons: Convert Select

**QUERY SUMMARY**

Edit Selection Delete

Geographic Area  
United States

Topic(s)  
Age X  
OARS harmonized recode:  
Cov stat as used in Health  
United States X

Population Limits

Survey Years  
2010 X

Statistical Options

**Query Results ?**

TABLES TRENDS CHARTS MAPS

**QUERY SUMMARY**

**Geographic Area:** United States

**Topic(s):** Age; OARS harmonized recode: Cov stat as used in Health United States

**Population Limits:** None

**Data Years:** 2010

SAVE QUERY EXPORT TO EXCEL

Row Percentage		OARS harmonized recode: Cov stat as used in Health United States		
		Not covered	Covered	TOTAL
Age	0-18	8.3%	91.7%	100.0%
	19-25	33.8%	66.2%	100.0%
	26-64	20.3%	79.7%	100.0%
	65-85	1.1%	98.9%	100.0%
	TOTAL	16.0%	84.0%	100.0%

**NOTES**

Source data: National Health Interview Survey Online Analytic Real-Time System (OARS), Centers for Disease Control and Prevention National Center for Health Statistics National Health Interview Survey Public OARS Person file for the year(s): 2010, using Person weights. The results are rounded and may not sum to the totals in the table margins. Data should be published directly from the table that results, since aggregated results across tables may not equal a directly estimated table.

Description of analysis choices



Results, arranged as the query requested



Important information for users to read. This will likely move to a more prominent place on the page.



http://nhisdemo.westat.com/Project/Dim.aspx

File Edit View Favorites Tools Help

Convert Select

**Combine levels using this button** →

**Combine Levels**

Reported health status

Combine Levels Separate Levels

Levels	Move Up	Move Top
Excellent	▲	▲
Very good	▲	▲
Good	▲	▲
Fair	▲	▲
Poor	▲	▲
Refused	▲	▲
Not ascertained	▲	▲
Don't know	▲	▲

Save Reset

Close

**Separate levels using this button** ←

**This is how the categories look before being combined** →

**Save changes before exiting** →

National Center for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money Through Prevention.

National Center for Health Statistics

Interview Survey Online

back to National Health and Interview Survey Online Analytic Real-time Reporting System

Hello, Jacqueline

START NEW QUERY

GEOGRAPHIC AREA

TOPICS

MODE:

Geographic Area

State

District of Columbia

Maryland

Virginia

Topic(s)

State

OARS harmonized recode

family income

Reported health status

Population charts

Survey Years

2010

SELECTED TOPICS

Main Topic (Row)

2nd Topic (Column)

3rd Topic (Page)

BROWSE TOPICS

AIDS

Queries Print FAQs Glossary Contact Us Logout

RESULTS

Browse Topics

http://nhisdemo.westat.com/Project/Dim.aspx

CDC Connects — CDC ... National Center for He... OARS - Topics

File Edit View Favorites Tools Help

Convert Select

**Combine Levels**

Reported health status

Combine Levels Separate Levels

Levels	Move Up	Move Top
Excellent	▲	▲
Very good	▲	▲
Good	▲	▲
Fair	▲	▲
Poor	▲	▲
Don't know		
Not ascertained	▲	▲
Refused		

Save Reset

Close

**Categories are combined for analysis**

http://nhisdemo.westat.com/Project/DIM.aspx?setid=645&settype=D&svl=1

CDC Connects — CDC ... National Center for He... OARS - Topics

File Edit View Favorites Tools Help

Convert Select

CDC Home  
Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives. Protecting People. Saving Money Through Prevention.

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Hello, Jacqueline

Saved Queries Print FAQs Glossary Contact Us Logout

START NEW QUERY

GEOGRAPHIC AREA TOPIC(S) POPULATION LIMITS

QUERY SUMMARY

Topics ? MODE: ?

Geographic Area

SELECTED TOPICS

Topic Age

OARS: Cov United St

Population Limits

Survey Years 2010

Statistical Options

General health insurance

Show More Information

Which doctor insurance covers: any doctor, chooses from a list, doctor assigned listed under [Health Insurance](#) | [General health insurance](#)  
Most Recent Year: 2010 | File Type: Person

Primary care physician for routine care listed under [Health Insurance](#) | [General health insurance](#)

**Combine Levels**

Age Category Definition

Add a Range

0	18	X
19	25	X
26	64	X
65	85	X

Save Reset

Close

OARS allows for user-defined categories, such as age. Categories can be added or deleted as desired.