



**INTEGRATIVE  
MEDICINE  
& HEALTH**

— 2014 —

Strengthening Research in Integrative  
Healthcare Around the World

# **Pediatric Integrative Medicine: Current Review of Emerging Trends**

IRCIMH 2014 Congress

May 14, 2014

Miami, Florida



# INTEGRATIVE MEDICINE & HEALTH

2014

Strengthening Research in Integrative  
Healthcare Around the World

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Johns Hopkins School of Medicine, United States

# Presentation Goals

1. **Inspire you** to access and integrate data from the NHIS Child CAM Supplement to advance child well-being
2. **Empower you** to operate the “Child Health Data” interactive query to access data points, graphs, tables and comparisons
3. **Discover** at least one new idea for using the NHIS CAM Supplement in existing partnerships in your professional area
4. **Learn from you** so that we can further optimize national data and resources to address your priorities

# What Data is Available on Child CAM Use

## National Health Interview Survey, Child Complementary and Alternative Supplement

- ❖ conducted in 2007 and 2012
- ❖ collects information about non-conventional health services, products, and practices commonly used in the United States.
- ❖ 10,218 sample children aged 4-17 years (in 2012)

# National Health Interview Survey (NHIS)

- ❖ An annual national survey conducted by the Centers for Disease Control and Prevention's (CDC) National Center for Health Statistics (NCHS).
  - ❖ Has been conducted continuously since 1957
  - ❖ Provides a broad range of information about the health status of the US civilian non-institutionalized household population.
  - ❖ Consists of three Core Modules (Family, Sample Child and Sample Adult) and **Supplements (e.g. Complementary and Alternative Medicine)** that vary from year to year.

# NHIS Sample Children

One child age 17 years or younger (if any) was randomly selected in each household as the sample child in the Sample Child Core and Child CAM Supplement

- 0-17 years for 2007
- 4-17 years for 2012

## Other national survey can be linked to the NHIS

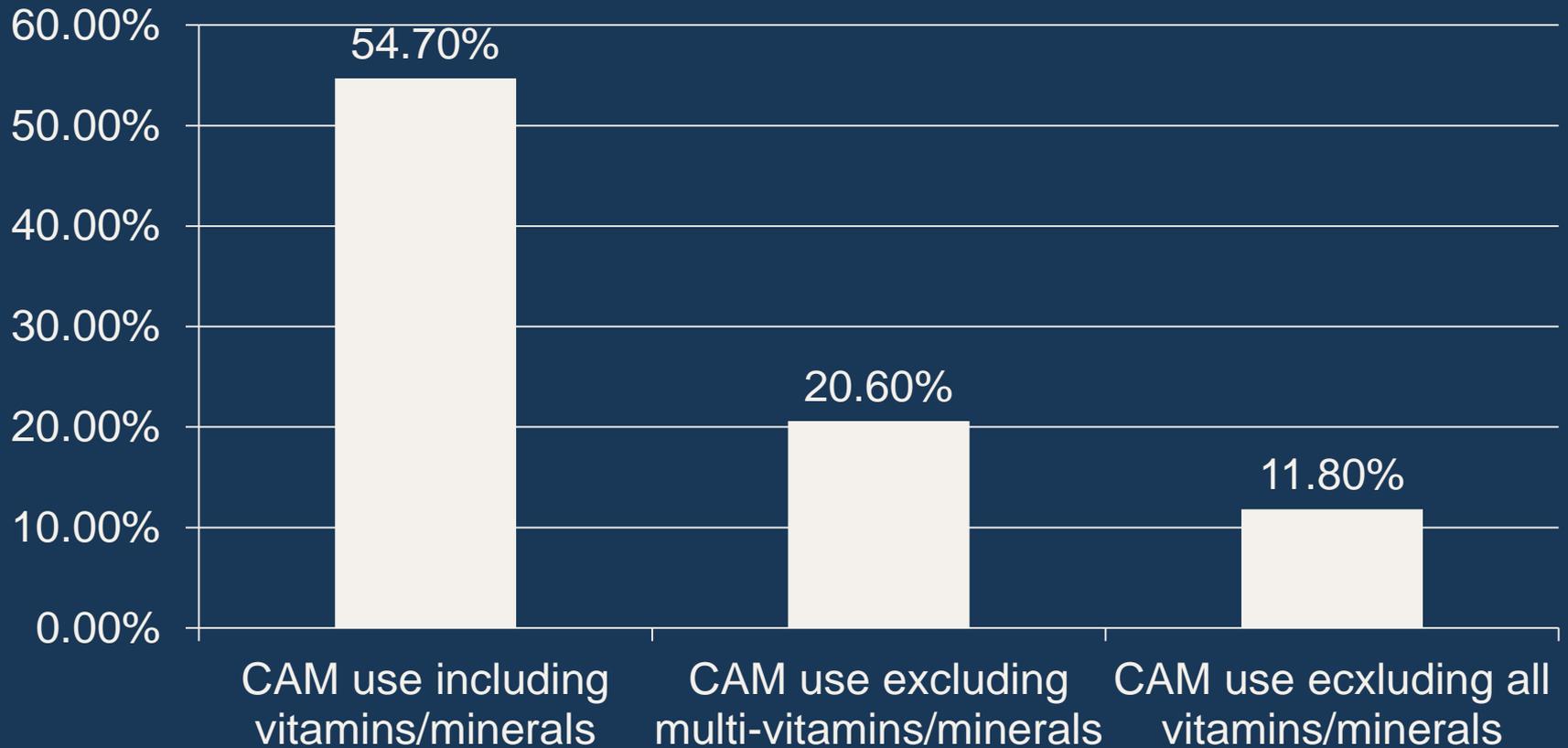
- Medical Expenditures Panel Survey (MEPS) which uses half of the NHIS sampling frame. Since it is linked to the NHIS, MEPS allows assessment of utilization, access to and quality of care, and expenditures for conventional medical care.

# Data Issues: CAM Use Definition

- There is no single agreed upon definition of CAM
- Key variations in using NHIS data is how to treat vitamins/minerals
- Current design underestimates the use of CAM in children due to missing modalities and other survey design features

# Prevalence of CAM Use

Column1



# CAM Use for Conditions

- Topic: How to treat data on “conditions” asked in the NHIS Sample Child Core and separately in the Child CAM Supplement

## Questions:

- Validity, utility and efficiency of asking about conditions the child experiences for which the child uses CAM-unprecedented compared to other surveys.
- What does it mean when over 50% of parents report “no reason” for CAM use when over 90% have health problems and conditions?



# National MCH Data Resource Center (DRC)

- 1) Provide centralized, user-friendly, interactive access to standardized national, regional and state-level findings from national surveys on child and adolescent health and well-being.
- 2) Build shared knowledge, capacity, and inspiration for using data to stimulate and inform system change locally and nationally—especially among state health agency leaders and staff, family advocates and policy leaders.



Your Data ... Your Story

# Data Resource Center for Child & Adolescent Health

A project of the Child and Adolescent Health Measurement Initiative

Ask us a question | Request a dataset

Open your data briefcase

About the Data Resource Center

Learn About the Surveys

Browse the Data

Put Data into Action

Get Help



Publicly insured children are more likely to have insurance coverage which adequately meets their health needs than privately insured



Survey Fast Facts

Quick Data Search

Browse by State

How to Use This Site

Keyword Search



Go

## Data at a Glance

At your fingertips—easy-to-read data snapshots for each state



State/Region Nationwide

Browse Data Snapshots

## Welcome to the Data Resource Center for Child & Adolescent Health!

Welcome to the newly redesigned DRC website. Take a [tour](#) of the site and give us your feedback.

The mission of the Data Resource Center (DRC) is to take the voices of parents, gathered through the National Survey of Children's Health (NSCH) and the National Survey of Children with Special Health Care Needs (NS-CSHCN), and share the results through this online resource so they can be used by researchers, policymakers, family advocates and consumers to promote a higher quality health care system for children, youth and families. [Learn more about the DRC](#)

### DRC Highlights

- Child Obesity State Report Cards
- New NS-CSHCN Data Trends
- New chartbook comparing CSHCN with children who do not have special health care needs

### Most Popular Topics

### What you can do on the DRC website?

- Learn about** the National Survey of Children's Health and the National Survey of Children with Special Health Care Needs
- Browse** national and state findings on hundreds of child health indicators
- Search** data based on numerous important topics and subgroups of children
- Download** and print snapshot profiles on key

### Connect with the DRC

Sign up for email updates

email address

Submit



childhealthdata National study finds that providing insurance to the poor helps them maintain both health and financial stability: <http://t.co/y0X8H1b>  
4 days ago · reply · retweet · favorite



childhealthdata 1 in 5 high school students meets the medical criteria for addiction, according to a Columbia study. Read an article at <http://t.co/a30x4H2>  
6 days ago · reply · retweet · favorite



# Data Sets Available on the DRC Website

- National Survey of Children's Health (**NSCH**)
- National Survey of Children with Special Health Care Needs (**NS-CSHCN**)
- National Health Interview Survey: Complementary Alternative Medicine Supplement (**NHIS-CAM**)
- **Coming Soon:** State level NHIS data; NS-CSHCN Autism "follow back" survey Pathways Data



**One quarter** of U.S. children with a chronic health condition use some type of CAM.

- ▶▶ Survey Fast Facts
- ▶▶ Quick Data Search
- ▶▶ Get Region Snapshots
- ▶▶ How to Use This Site

Keyword Search

**Data at a Glance**  
 At your fingertips—easy-to-read data snapshots for each region



Region

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Join our conversation!  

### The National Health Interview Survey (NHIS) Child Complementary and Alternative Medicine (CAM) Supplement

The **Child CAM Supplement** is one of the NHIS Supplements and collects information about non-conventional health services, products, and practices commonly used in the United States. NHIS is the principal source of information on the health of the civilian non-institutionalized household population of the United States. One child age 0-17 years from each family was randomly selected for the **Sample Child Core** questionnaire. Additional information about this "sample child" and other family members is collected with the **Family Core** questionnaire.

The Data Resource Center takes the results from the NHIS Child CAM Supplement, Sample Child and Family Cores and makes them easily accessible to parents, researchers, community health providers and anyone interested in child health and child CAM use data. Estimates on this site are nationally representative. National data can be further refined to assess differences by the US region, race/ethnicity, income, child's health and condition status and a variety of other important demographic and health status characteristics. ▶▶ [Read more about the NHIS and Child CAM Supplement](#)

- NHIS CAM Highlights**
- ▶▶ Survey development
  - ▶▶ Search 2012 NHIS CAM data
  - ▶▶ Request a data set from 2012 NHIS Child CAM
  - ▶▶ Survey FAQs
  - ▶▶ National Profiles

- Learn about the NHIS Child CAM Supplement**
- Interested in an overview of the NHIS Child CAM Supplement? ▶▶ [Fast Facts](#)
  - Learn more about the topics and questions asked in this survey ▶▶ [Guide to Survey Topics and Questions](#)
  - Read our frequently asked questions ▶▶ [Survey](#)



# DRC Website Features Available

- ❖ Learn about the surveys
- ❖ Search and compare national, regional and state level survey results for child subgroups (e.g. age, race/ethnicity, sex, household income, health insurance, special health care needs status, etc.)
- ❖ Access topically focused data snapshots and profiles
- ❖ Get expert help by e-mailing us your questions or viewing our tutorials



# Data Available on the DRC Website

## ❖ **Interactive Query for Individual Outcomes, Indicators and Single Items**

- Search by state, region, and nationwide
- Stratify by numerous population subgroups
- Compare all states or regions on individual items, indicators or outcomes
- Trend across survey years where possible

Note: National and Census Region level data is available for CAM survey

## ❖ **Interactive Data Snapshots**

- View Topic Specific Snapshots that Profile Numerous Indicators (snapshots for CAM survey will be available in June)

## ❖ **Interactive State Ranking Tables**

- View and compare all states or regions (CAM) at the same time
- Get maps comparing each state or regions (CAM) to the nation

# Take the DRC "360 Tour"



Your Data ... Your Story

## Data Resource Center for Child & Adolescent Health

A project of the Child and Adolescent Health Measurement Initiative

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One quarter  
of U.S. children with a  
chronic health condition  
use some type of CAM.

« || »

» Survey Fast Facts

» Quick Data Search

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### Data at a Glance

At your fingertips—easy-to-read data snapshots for each region



Region Nationwide

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### The National Health Interview Survey (NHIS)

#### Child Complementary and Alternative Medicine (CAM) Supplement

The **Child CAM Supplement** is one of the NHIS Supplements and collects information about non-conventional health services, products, and practices commonly used in the United States. NHIS is the principal source of information on the health of the civilian non-institutionalized household population of the United States. One child age 0-17 years from each family was randomly selected for the **Sample Child Core** questionnaire. Additional information about this "sample child" and other family members is collected with the **Family Core** questionnaire.

The Data Resource Center takes the results from the NHIS Child CAM Supplement, Sample Child and Family Cores and makes them easily accessible to parents, researchers, community health providers and anyone interested in child health and child CAM use data. Estimates on this site are nationally representative. National data can be further refined to assess differences by the US region, race/ethnicity, income, child's health and condition status and a variety of other important demographic and health status characteristics. » Read more about the NHIS and Child CAM Supplement

#### NHIS CAM Highlights

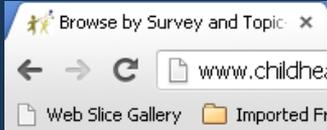
- » Survey development
- » Search 2012 NHIS CAM data
- » Request a data set from 2012 NHIS Child CAM
- » Survey FAQs
- » National Profiles

#### Learn about the NHIS Child CAM Supplement

- Interested in an overview of the NHIS Child CAM Supplement? » Fast Facts
- Learn more about the topics and questions asked in this survey » Guide to Survey Topics and Questions
- Read our frequently asked questions » Survey

# OPTION 1: The DRC “Full Search”

## Step 1: Click on “Browse by Survey & Topic”



[Ask us a question](#) | [Request a dataset](#)  
[Sign In to Access Your Briefcase](#)



Keyword Search

- Browse the Data**
- Browse by Survey & Topic
- Get State Snapshots
- Browse Data Trends
- Get US Data Maps
- Browse Healthy People 2020 Topics
- Medical Home Data Portal
- Quality Measurement Portal
- Browse Title V Topics

Home > Browse the Data > Browse by Survey

### Browse by Survey & Topic

To begin your interactive data search: 1) Select a Survey, Survey Year, and State or Region. 2) Select your desired Topic/Starting Point. 3) Select your indicator or measure.

This will direct you to a results page where you can compare across states, regions and by numerous subgroups.

#### 1. Select a Survey, Year, and Geographic Area

Select a Survey	<input type="text" value="Select a Survey"/>	<input type="button" value="v"/>
Select a Year	<input type="text"/>	<input type="button" value="v"/>
Select a State/Region	<input type="text" value="Nationwide"/>	<input type="button" value="v"/>

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# Step 2: Select a survey, a survey year and geographic area.

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## Browse the Data

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Home > Browse the Data > Browse by Survey

## Browse by Survey & Topic

To begin your interactive data search: 1) Select a Survey, Survey Year, and State or Region. 2) Select your desired Topic/Starting Point. 3) Select your indicator or measure.

This will direct you to a results page where you can compare across states, regions and by numerous subgroups.

### 1. Select a Survey, Year, and Geographic Area

Select a Survey

Select a Year

Select a State/Region

### 2. Select a Starting Point/Topic

- Prevalence of Complementary and Alternative Medicine (CAM) Use** (Content Map)  
CAM use overall, by type and modality (Data by modality not shown if sample size is small)
  - Overall CAM Use
  - Group A1: CAM Services (requires a CAM practitioner)
  - Group A2: CAM Products (used independently or with practitioner guidance)
  - Group A3: CAM practices (does not require a CAM practitioner)
  - Group B1: Alternative Medical System/Energy Healing Therapy
  - Group B2: Biologically-Based Therapies
  - Group B3: Manipulative and Body-Based Therapies
  - Group B4: Mind-Body Therapies

- CAM Use and Children's Health Status** (Content Map)  
CAM use and children's health status, conditions, and functioning in daily activities

- Health Insurance Coverage and Out-Of-Pocket Costs for CAM** (Content Map)  
Health insurance coverage and out-of-pocket costs for CAM

- CAM Use and Conventional Health Care Use and Telling Doctors About CAM Use** (Content Map)  
Relationship of CAM use and conventional health care use; disclosure of CAM use to child's personal health care provider

- Reasons for and Perceived Benefits of CAM Use** (Content Map)  
Reasons to seek CAM, expected and perceived benefits of CAM use

# Step 3: Pick a topic and measure.

Exception...

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Keyword Search

Home > Browse the Data > Browse by Survey

## Browse by Survey & Topic

To begin your interactive data search: 1) Select a Survey, Survey Year, and State or Region. 2) Select your desired Topic/Starting Point. 3) Select your indicator or measure.

This will direct you to a results page where you can compare across states, regions and by numerous subgroups.

- 1. Select a Survey, Year, and Geographic Area**
  - Select a Survey: **NHIS - Complementary and Alternative Medicine**
  - Select a Year: **2012**
  - Select a State/Region: **Nationwide**
- 2. Select a Starting Point/Topic**
  - Prevalence of Complementary and Alternative Medicine (CAM) Use** (Content Map)  
CAM use overall, by type and modality (Data by modality not shown if sample size is small)
    - Overall CAM Use
    - Group A1: CAM Services (requires a CAM practitioner)
    - Group A2: CAM Products (used independently or with practitioner guidance)
    - Group A3: CAM practices (does not require a CAM practitioner)
    - Group B1: Alternative Medical System/Energy Healing Therapy
    - Group B2: Biologically-Based Therapies
    - Group B3: Manipulative and Body-Based Therapies
    - Group B4: Mind-Body Therapies
  - CAM Use and Children's Health Status** (Content Map)  
CAM use and children's health status, conditions, and functioning in daily activities
  - Health Insurance Coverage and Out-Of-Pocket Costs for CAM** (Content Map)  
Health insurance coverage and out-of-pocket costs for CAM
  - CAM Use and Conventional Health Care Use and Telling Doctors About CAM Use** (Content Map)  
Relationship of CAM use and conventional health care use; disclosure of CAM use to child's personal health care provider
  - Reasons for and Perceived Benefits of CAM Use** (Content Map)  
Reasons to seek CAM, expected and perceived benefits of CAM use
  - Sources of Information about CAM** (Content Map)  
Source of information about CAM (purchased self-help books or other materials, or other sources)

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**Step 4:** From here, you can select subgroups, look at your region or compare your region to others.

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Home > Browse the Data > Browse by Survey > Survey Results

**Current Search Criteria**

**Survey:** 2012 NHIS - Complementary and Alternative Medicine

**Starting Point:** Prevalence of Complementary and Alternative Medicine (CAM) Use

**Region:** Nationwide

**Topic:** Overall CAM Use

**Question:** Children who used one or more CAM modalities (details)

**Edit Search Criteria**

Compare Regions:

Select a Region

Compare Subgroups:

Select a Subgroup

» Change question, topic or survey

How many children used one or more CAM modalities from the list of 33 CAM modalities, excluding all vitamins/minerals? (details)

	Used two or more CAM modalities in the past 12 months	Used only one CAM modality in the past 12 months	Ever used CAM, but not in the past 12 months	Never used CAM	Total %
%	3.6	8.2	5.1	83.1	100.0
C.I.	(3.1 - 4.1)	(7.4 - 9.0)	(4.5 - 5.7)	(82.0 - 84.1)	
n	342	788	518	8,371	
Pop. Est.	2,054,330	4,644,912	2,892,030	47,072,512	

C.I. = 95% Confidence Interval. Percentages are weighted to population characteristics.  
 n = Cell size. Use caution in interpreting Cell sizes less than 50.

# Select a child subgroup to view measures by.

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- Get US Data Maps
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- Browse Title V Topics

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Home > Browse the Data > Browse by Survey > Survey Results

### Current Search Criteria

**Survey:** 2012 NHIS - Complementary and Alternative Medicine  
**Starting Point:** Prevalence of Complementary and Alternative Medicine (CAM) Use  
**Region:** Nationwide  
**Topic:** Overall CAM Use  
**Question:** Children who used one or more CAM modalities (details)  
**Sub Group:** Chronic conditions

### Edit Search Criteria

- Compare Regions:
- Compare Subgroups:
- Unselect Subgroup
  - Age - 3 groups (4-17 years)
  - Sex of child
  - Race/ethnicity of child
  - Family income level
  - Chronic conditions**
  - Pain-related conditions or problems
  - Emotional, mental or behavioral problems
  - Number of missed school days
  - Any activity limitation
  - Health insurance status
  - Type of health insurance
  - Prescription medications for at least 3 months
  - Medical specialist care
  - Emergency department visits
  - Number of office visits to medical health professionals
  - Mental health care
  - Special therapies
  - Out-of-pocket cost for dental/medical care
  - Medical care access problems (delay and/or unmet need)

### How many children used one or more CAM modalities from vitamins/minerals? (details)

		Used two or more CAM modalities in the past 12 months	Used one or more CAM modalities in the past 12 months	Used no CAM modalities in the past 12 months	Used no CAM modalities in the past 12 months	Used no CAM modalities in the past 12 months
No chronic conditions	%	2.2				
	C.I.	(1.6 - 2.8)				
	n	92				
	Pop. Est.	579,116	1,496,525	1,005,631	22,991,546	
One chronic condition	%	2.9	8.2	5.0	83.9	100.0
	C.I.	(1.9 - 3.9)	(6.5 - 9.9)	(3.7 - 6.2)	(81.7 - 86.1)	
	n	58	176	108	1,873	
	Pop. Est.	362,257	1,026,056	618,778	10,488,711	
Two or more chronic conditions	%	6.2	11.7	7.0	75.1	100.0
	C.I.	(5.1 - 7.2)	(10.3 - 13.2)	(5.9 - 8.1)	(73.3 - 76.9)	
	n	192	365	240	2,468	
	Pop. Est.	1,112,957	2,122,331	1,267,621	13,592,255	

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# This takes you to your region's findings by child's condition status

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Home > Browse the Data > Browse by Survey > Survey Results

### Current Search Criteria

**Survey:** 2012 NHIS - Complementary and Alternative Medicine

**Starting Point:** Prevalence of Complementary and Alternative Medicine (CAM) Use

**Region:** Nationwide vs. Northeast

**Topic:** Overall CAM Use

**Question:** Children who used one or more CAM modalities (details)

**Sub Group:** Used only one CAM modality in the past 12 months x Chronic conditions

### Edit Search Criteria

Compare Regions:

Northeast

Compare Subgroups:

Chronic conditions

» Change question, topic or survey

How many children used one or more CAM modalities from the list of 33 CAM modalities, excluding all vitamins/minerals? (details)

Select a Response Category: Used only one CAM modality in the past 12 mo

		No chronic conditions	One chronic condition	Two or more chronic conditions
Nationwide	%	5.7	8.2	11.7
	C.I.	(4.8 - 6.7)	(6.5 - 9.9)	(10.3 - 13.2)
	n	247	176	365
	Pop. Est.	1,496,525	1,026,056	2,122,331
Northeast	%	5.7	8.2	10.4
	C.I.	(2.7 - 8.7)	(4.2 - 12.2)	(6.7 - 14.0)
	n	37	35	58
	Pop. Est.	254,551	185,167	283,241

C.I. = 95% Confidence Interval. Percentages are weighted to population characteristics.  
n = Cell size. Use caution in interpreting Cell sizes less than 50.

# Step 5: See where your region ranks across all regions by selecting "All states" as the comparison group.



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### Current Search Criteria

**Survey:** 2012 NHIS - Complementary and Alternative Medicine

**Starting Point:** Prevalence of Complementary and Alternative Medicine (CAM) Use

**Region:** Nationwide vs. Northeast

**Topic:** Overall CAM Use

**Question:** Children who used one or more CAM modalities (details)

**Sub Group:** Used only one CAM modality in the past 12 months x Chronic conditions

### Edit Search Criteria

Compare Regions:

- Northeast
- Unselect Region
- All Regions
- Midwest
- Northeast
- South
- West

How many children used one or more CAM modalities from the list of 33 CAM modalities, excluding all vitamins/minerals? (details)

Select a Response Category: Used only one CAM modality in the past 12 mo

		No chronic conditions	One chronic condition	Two or more chronic conditions
Nationwide	%	5.7	8.2	11.7
	C.I.	(4.8 - 6.7)	(6.5 - 9.9)	(10.3 - 13.2)
	n	247	176	365
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### Current Search Criteria

**Survey:** 2012 NHIS - Complementary and Alternative Medicine

**Starting Point:** Prevalence of Complementary and Alternative Medicine (CAM) Use

**Region:** All Regions

**Topic:** Overall CAM Use

**Question:** Children who used one or more CAM modalities (details)

**Sub Group:** Used only one CAM modality in the past 12 months x Chronic conditions

### Edit Search Criteria

Select a Region:

Select a Region

Compare Subgroups:

Chronic conditions

» Change question, topic or survey

How many children used one or more CAM modalities from the list of 33 CAM modalities, excluding all vitamins/minerals? (details)

Notes: Click on the Column Header to sort the results by ascending or descending order. To get a detailed explanation of the data HOVER over the text in the table.

Select a Response Category: Used only one CAM modality in the past 12 months

	Region	No chronic conditions %	One chronic condition %	Two or more chronic conditions %
1	Midwest	7.6	11.1	13.2
2	Northeast	5.7	8.2	10.4
3	South	3.2	5.2	8.8
4	West	7.6	10.7	16.2

**Step 6:** Click on your region to get back to querying the same measure by other subgroups.

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Accessibility

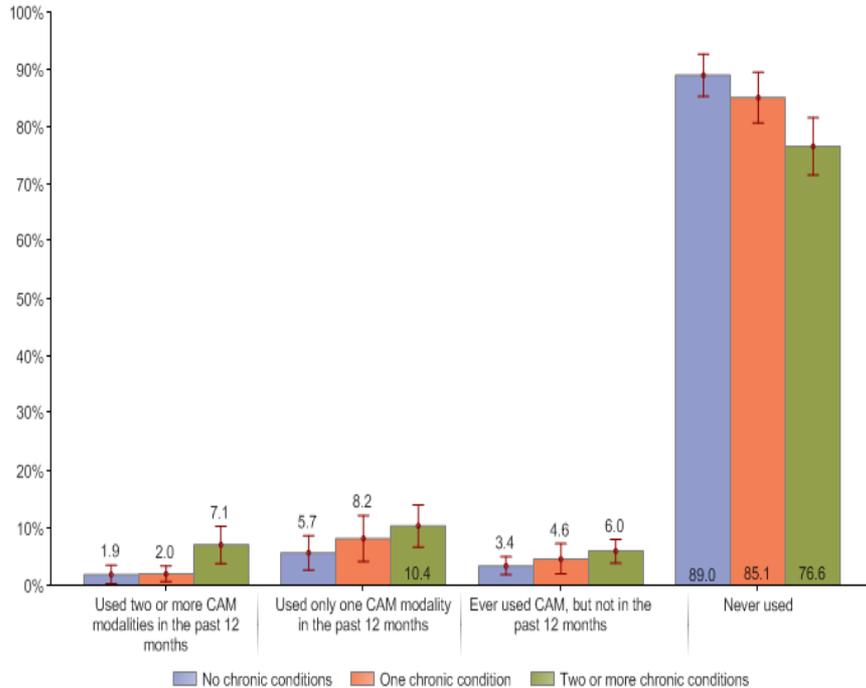
Legal and Privacy Policy



### Children who used one or more CAM modalities, excluding all vitamins/minerals

Children age 4-17 years

Northeast



### Edit Search Criteria

Compare Regions:

Select a Region

Compare Subgroups:

Chronic conditions

Chart Type:

Bar Chart

Change question, topic or survey

Browse the Data > Browse by Survey > Survey Results

### Search Criteria

2012 NHIS - Complementary and Alternative

Point: Prevalence of Complementary and Alternative Medicine (CAM) Use

Region: Northeast

Overall CAM Use

Population: Children who used one or more CAM

Subgroups (details)

Subgroup: Chronic conditions

### Edit Search Criteria

Compare Regions:

Select a Region

Compare Subgroups:

Chronic conditions

Change question, topic or survey

How many children used one or more CAM modalities from the list of 33 CAM modalities, excluding all vitamins/minerals? (details)

Chronic Condition	%	Used two or more CAM modalities in the past 12 months	Used only one CAM modality in the past 12 months	Ever used CAM, but not in the past 12 months	Never used CAM	Total %
No chronic conditions	%	1.9	5.7	3.4	89.0	100.0
	C.I.	(0.3 - 3.5)	(2.7 - 8.7)	(1.9 - 5.0)	(85.3 - 92.7)	
	n	10	37	32	646	
	Pop. Est.	84,812	254,551	153,024	3,983,442	
One chronic condition	%	2.0	8.2	4.6	85.1	100.0
	C.I.	(0.7 - 3.4)	(4.2 - 12.2)	(2.0 - 7.3)	(80.7 - 89.5)	
	n	13	35	21	316	
	Pop. Est.	45,633	185,167	104,144	1,917,252	
Two or more chronic conditions	%	7.1	10.4	6.0	76.6	100.0
	C.I.	(3.8 - 10.3)	(6.7 - 14.0)	(3.9 - 8.0)	(71.6 - 81.6)	
	n	34	58	33	388	
	Pop. Est.	193,967	283,241	163,279	2,096,040	

95% Confidence Interval. Percentages are weighted to population characteristics.

Use caution in interpreting Cell sizes less than 50.

Estimates based on sample sizes too small to meet standards for reliability or precision.

When the relative standard error is greater than 30%.

Now, you can continue searching subgroups on this measure or change question, topic or survey.



About the Data Resource Center

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Browse the Data

Browse by Survey & Topic

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Quality Measurement Portal

Browse Title V Topics

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Home > Browse the Data > Browse by Survey > Survey Results

Current Search Criteria

**Survey:** 2012 NHIS - Complementary and Alternative Medicine

**Starting Point:** Prevalence of Complementary and Alternative Medicine (CAM) Use

**Region:** Northeast

**Topic:** Overall CAM Use

**Question:** Children who used one or more CAM modalities (details)

**Sub Group:** Chronic conditions

Edit Search Criteria

Compare Regions:

Select a Region

Compare Subgroups:

Chronic conditions

Change question, topic or survey



How many children used one or more CAM modalities from the list of 33 CAM modalities, excluding all vitamins/minerals? (details)

		Used two or more CAM modalities in the past 12 months	Used only one CAM modality in the past 12 months	Ever used CAM, but not in the past 12 months	Never used CAM	Total %
No chronic conditions	%	1.9	5.7	3.4	89.0	100.0
	C.I.	(0.3 - 3.5)	(2.7 - 8.7)	(1.9 - 5.0)	(85.3 - 92.7)	
	n	10	37	32	646	
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	C.I.	(3.8 - 10.3)	(6.7 - 14.0)	(3.9 - 8.0)	(71.6 - 81.6)	
	n	34	58	33	388	
	Pop. Est.	193,967	283,241	163,279	2,096,040	

C.I. = 95% Confidence Interval. Percentages are weighted to population characteristics.  
n = Cell size. Use caution in interpreting Cell sizes less than 50.

# Option 2: Take the DRC "360 Tour"

About the Data  
Resource Center

Learn About  
the Surveys

Browse the Data

Put Data  
into Action

Get Help

Keyw...



▶▶ Survey Fast Facts

▶▶ Quick Data Search

▶▶ Get Region Snapshots

▶▶ How to Use This S...

## Data at a Glance

At your fingertips—easy-to-read data snapshots for each region



Region

Nationwide

[Browse Region Snapshots](#)

## The National Health Interview Survey (NHIS) Child Complementary and Alternative Medicine (CAM) Supplement

The **Child CAM Supplement** is one of the NHIS Supplements and collects information about non-conventional health services, products, and practices commonly used in the United States. NHIS is the principal source of information on the health of the civilian non-institutionalized household population of the United States. One child age 0-17 years from each family was randomly selected for the **Sample Child Core** questionnaire. Additional information about this "sample child" and other family members is collected with the **Family Core** questionnaire.

The Data Resource Center takes the results from the NHIS Child CAM Supplement, Sample Child and Family Cores and makes them easily accessible to parents, researchers, community health providers and anyone interested in child health and child CAM use data. Estimates on this site are nationally representative. National data can be further refined to assess differences by the US region, race/ethnicity, income, child's health and condition status and a variety of other important demographic and health status characteristics. ▶▶[Read more about the NHIS and Child CAM Supplement](#)

### NHIS CAM Highlights

- ▶▶ Survey development
- ▶▶ Search 2012 NHIS CAM data
- ▶▶ Request a data set from 2012 NHIS Child CAM
- ▶▶ Survey FAQs
- ▶▶ National Profiles

### Learn about the NHIS Child CAM Supplement

- Interested in an overview of the NHIS Child CAM Supplement? ▶▶[Fast Facts](#)
- Learn more about the topics and questions asked in this survey ▶▶[Guide to Survey Topics and Questions](#)
- Read our frequently asked questions ▶▶[Survey](#)

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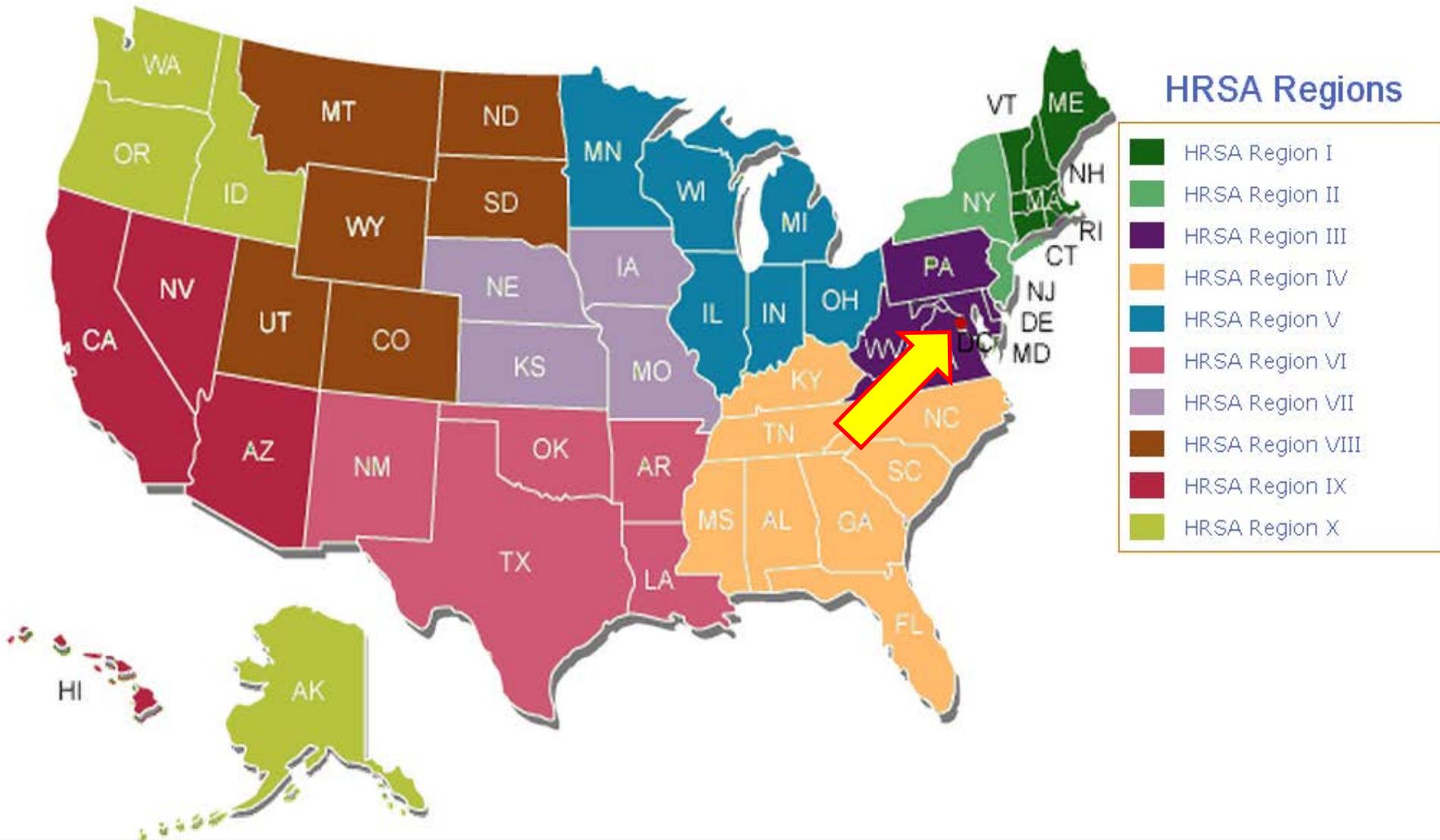
email address

Submit

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# Step 1: Select your state.



# Step 2: Choose a profile of interest.

State Data Snapshots--Data x  
www.childhealthdata.org/browse/snapshots?geo=10#bottom

Web Slice Gallery Imported From IE

Medical Home Data Portal

Quality Measurement Portal

Browse Title V Topics

Data Tools

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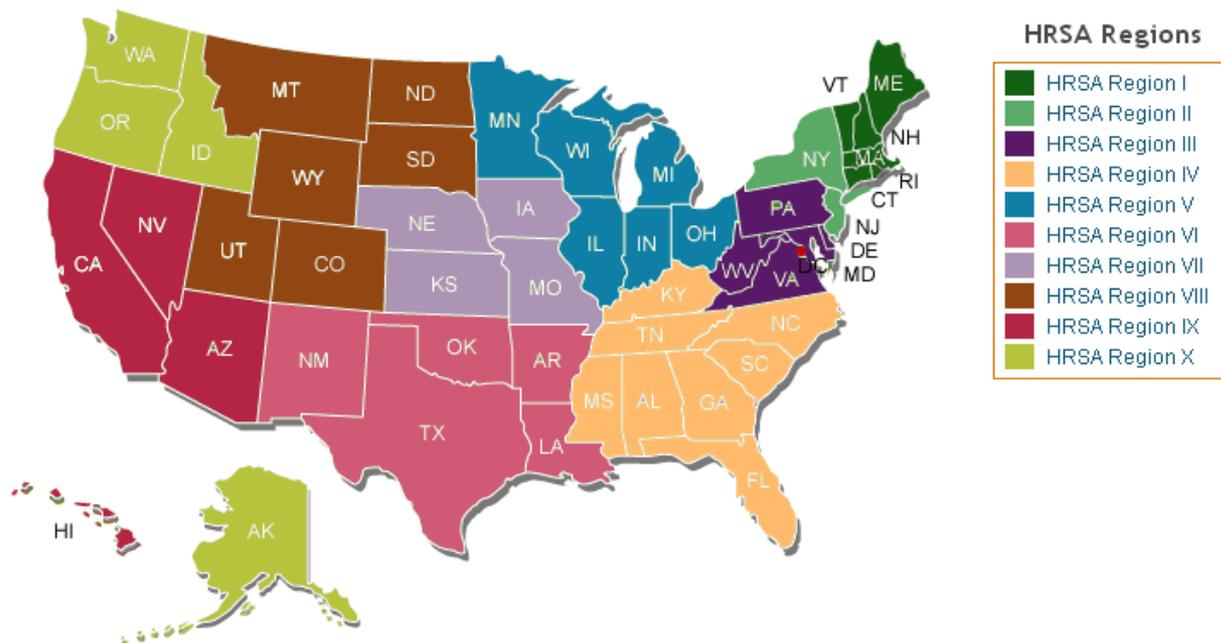
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1. Click on your state, HRSA Region, or Nationwide to view your snapshot.



2. Select a Snapshot from the Categories below. Customizable profiles, where you can choose your own indicators, are marked with an asterisk\*.

## District of Columbia

### Overall Health and Health Care Topics

Key Indicators of child health status, insurance and health care access, and family/social content

[2011/12 NSCH National and State Profile Pages](#)

[2009/10 NS-CSHCN National and State Profile Pages](#)

[2005/06-2009/10 NS-CSHCN Comparison National and State Profile Pages](#)

[2007 NSCH National and State Chartbook Pages](#)



# View an array of measures and select any to explore interactively

Browse by Survey & Topic

Get State Snapshots

Browse Data Trends

Get US Data Maps

Browse Healthy People 2020 Topics

Medical Home Data Portal

Quality Measurement Portal

Browse Title V Topics

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## National Survey of Children's Health, 2011/2012

[Return to Snapshot Selection](#)

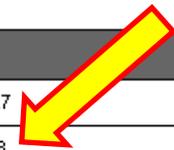
### 2011/2012 NSCH National Chartbook Profile for District of Columbia vs. Nationwide

[2003 Profile](#)

[2007 Profile](#)

Click on any row of data in the table below to view detailed results by age, race/ethnicity, household income and other subgroups.

Indicator	Explanation	%	
		District of Colum <sup>a</sup>	Nationwide
<b>HEALTH STATUS</b>			
<b>Child Health Status</b>	percent of children in excellent or very good health	81.4	84.2
<b>Oral Health Status</b>	percent of children with excellent or very good oral health	72.6	71.3
<b>Premature Birth</b>	percent of children who were born premature, that is three or more weeks early	10.4	11.6
<b>Breastfeeding</b>	percent of children age 0-5 who were ever breastfed	80.1	79.2
<b>Risk of Developmental or Behavioral Problems</b>	percent of children age 4 months to 5 years determined to be at moderate or high risk based on parents' specific concerns	29.4	26.2
<b>Child Weight Status</b>	percent of children age 10-17 years who are overweight or obese (BMI-for-age at or above 85th percentile)	35.0	31.3
<b>Missed School Days</b>	percent of children age 6-17 who missed 11 or more days of school in the past year	5.4	6.2
<b>HEALTH CARE</b>			
<b>Current Health Insurance</b>	percent of children currently insured	98.7	94.5
<b>Insurance Coverage Consistency</b>	percent of children lacking consistent insurance coverage in the past year	5.8	11.3
<b>Preventive Health Care</b>	percent of children with a preventive medical visit in the past year	89.8	84.4
<b>Preventive Dental Care</b>	percent of children with a preventive dental visit in the past year	82.3	77.2
<b>Developmental Screening</b>	percent of children age 10 months to 5 years who received a standardized screening for developmental or behavioral problems	21.4	30.8
<b>Mental Health Care</b>	percent of children age 2-17 with problems requiring counseling who received mental health care	58.9	61.0
<b>Medical Home</b>	percent of children who receive care within a medical home	50.3	54.4
<b>SCHOOL AND ACTIVITIES</b>			





# Need Help?

## DRC Technical Assistance (TA)



 [Ask us a question](#) | [Request a dataset](#)  
» [Sign In to Access Your Briefcase](#)

Keyword Search



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## Ask Us a Question

Have a question? We're here to help.

- Perhaps there is an answer in our [Frequently Asked Questions](#).
- Take an [Online Tour](#) of the DRC website to learn how to search for data and use this site.
- Get [Fast Facts](#) about the NSCH and NS-CSHCN surveys.
- Review [Guides to Topics and Questions](#) in the surveys.

Still have a question? Please [email us](#).

Our goal is to provide quick, thorough replies to your questions and requests for information. DRC staff members make every effort to respond within 2 to 3 business days.

To ensure delivery to your inbox (not junk mail) please add [donotreply@childhealthdata.org](mailto:donotreply@childhealthdata.org) to your email address book.

Click on the survey name to learn about the survey

About the Data Resource Center Learn About the Surveys Browse the Data



- Quick Data Search
- Get Region Snapshots
- How to Use This Site

At your fingertips - easy to read data snapshots for each region

Region: Nationwide

Browse Region Snapshots

### The National Health Interview Survey (NHIS) Child Complementary and Alternative Medicine (CAM) Supplement

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#### NHIS CAM Highlights

- Survey development
- Search 2012 NHIS CAM data
- Request a data set from 2012 NHIS Child CAM
- Survey FAQs
- National Profiles
- Region Ranking Maps (Coming soon)

#### Learn about the NHIS Child CAM Supplement

- Interested in an overview of the NHIS Child CAM Supplement? [Fast Facts](#)
- Learn more about the topics and questions asked in this survey [Guide to Survey Topics and Questions](#)
- Read our frequently asked questions [Survey FAQs](#)
- Get detailed information about the survey methods and documentation [Survey Methods and Documentation](#)
- Request a cleaned and labeled dataset for free [Request a Dataset](#)



Click on the survey name to learn about the survey



The screenshot shows the website's navigation menu with the following items:

- About the Data Resource Center
- Learn About the Surveys
  - National Survey of Children's Health (NSCH)
  - National Survey of Children with Special Health Care Needs (NS-CSHCN)
  - National Health Interview Survey Complementary and Alternative Medicine Supplement
  - Guide to Survey Topics and Questions
  - Survey FAQs
  - Fast Facts about the Surveys
  - Survey Methods and Documentation
- Browse the Data
- Put Data into Action
  - Survey Fast Facts
  - Quick Data Search
  - Get State Snapshots
  - How to Use This Site
- Get Help

A red arrow points to the 'National Survey of Children with Special Health Care Needs (NS-CSHCN)' link in the 'Learn About the Surveys' dropdown menu.

## Welcome to the Data Resource Center for Child & Adolescent Health!

Trying to find your way? Take a tour of our website and give us your feedback.

The mission of the Data Resource Center (DRC) is to take the voices of parents, gathered through the National Survey of Children's Health (NSCH) and the National Survey of Children with Special Health Care Needs (NS-CSHCN), and share the results through this free online resource. Easy access to children's health data allows researchers, policymakers, family advocates and consumers to work together to promote a higher quality health care system for children, youth and families. [▶ Learn more about the DRC](#)

### DRC Highlights

- ▶ 2009/10 NS-CSHCN Chartbook
- ▶ 2011/2012 NSCH data is here!
- ▶ Request a 2011/12 NSCH data set
- ▶ How are families with CSHCN impacted in your state?
- ▶ Child Obesity State Report Cards
- ▶ What's new in the 2011/12 NSCH?
- ▶ Measures pertaining to Healthy People 2020 Objectives
- ▶ NQF Endorsed Survey Measures

### Most Popular Topics

- ▶ Medical Home
- ▶ Quality & System Performance
- ▶ Childhood Obesity

### How you can use the DRC website

- **Learn** about the National Survey of Children's Health and the National Survey of Children with Special Health Care Needs
- **Browse** national and state findings on hundreds of child health indicators
- **Download** and print snapshot profiles on key topical areas for your state
- **Request** a dataset and conduct in-depth data analyses on your own
- **Learn** to use data more effectively
- **Discover** how other state and family leaders use these findings
- **Get expert help** by e-mailing us your questions – plus get links to other data sets and resources for improving children's health and healthcare

### Data at a Glance

At your fingertips—easy-to-read data snapshots for each state



State/Region Nationwide

[Browse State Snapshots](#)

### Connect with the DRC

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 **Data Resource Center** 30 Apr  
@childhealthdata  
More Than 7 Percent of Kids on Behavioral Meds. [nbcnews.to/1f8CLyj](http://nbcnews.to/1f8CLyj) via @NBCNews  
[Show Summary](#)

 **Data Resource Center** 28 Apr  
@childhealthdata  
Gene mutation, key symptoms of

### Newsletters (sign up)

New NHIS & NSCH Data Available + Engaging Parents with Health IT (1/25/2014) - **New!**

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CSHCN	
NHIS CAM	
Guide to Topics and Questions	
Survey FAQs	
Fast Facts	
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Home > Learn About the Surveys > Guide to

## Guide to Topics and Questions

The following Guides to Topics and Questions are available for each of the surveys. The interactive web pages allow the user to click on a question to easily view the full question and answer options rather than have to look through a long and complex interview instrument. For the complete full-length instrument or survey sampling and administration of NSCH and NS-CSHCN, visit the Survey Methods and Documentation page.

### National Survey of Children's Health

#### 2011/12 NSCH Guide to Topics and Questions

- PDF version
- Interactive guide

#### 2007 NSCH Guide to Topics and Questions

- Interactive guide
- PDF version

#### 2003 NSCH Guide to Topics and Questions

- Interactive guide
- PDF version

### National Survey of Children with Special Health Care Needs

#### 2009/10 NS-CSHCN Guide to Topics and Questions

- Interactive guide
- PDF version

#### 2005/06 NS-CSHCN Guide to Topics and Questions

- Interactive guide
- PDF version

#### 2001 NS-CSHCN Guide to Topics and Questions

- Interactive guide
- PDF version

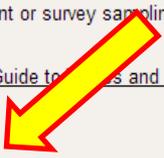
### National Health Interview Survey

For the complete full-length instrument or survey sampling and administration of NHIS, visit the Survey Methods and Documentation page.

#### 2012 NHIS Child CAM Supplement Guide to Topics and Questions

- Interactive guide (Coming Soon)
- PDF version

Click on the survey name to learn about the survey



## Child Complementary and Alternative Medicine (CAM) Supplement

### 2012 National Health Interview Survey (NHIS)

#### Guide to Topics & Questions Asked

The NHIS is a computer assisted personal household interview of all child and adult family members in selected households. Using a multi-stage area probability sampling design, the NHIS is conducted continuously through each year (since 1957). The 2012 NHIS consists of both a Core questionnaire and Supplements, including the Child CAM Supplement, which was also conducted in the 2007 NHIS. One child from each family is randomly selected to be the Sample Child (S.C.), and an adult knowledgeable about the child's health is administered the full Sample Child Core and Child CAM Supplement.

This guide describes the topics and questions asked in the 2012 NHIS Child CAM Supplement. Note that all questions are asked only of children age 4-17. Since the NHIS Child CAM Supplement can be linked to all other NHIS data files and to future year versions of the Medical Expenditures Panel Survey (MEPS), many other variables are possible to include in analyses of the Child CAM Supplement. Further information regarding this will be provided elsewhere on the Data Resource Center for Child and Adolescent Health website ([www.childhealthdata.org](http://www.childhealthdata.org)).

\*Denotes that survey item is new to the 2011/12 NHIS Child CAM Supplement compared to the 2007.

#### COMPLEMENTARY AND ALTERNATIVE MEDICINE (CAM) USE

**NOTE:** Question IDs (**green**) consist of two codes separated with "\_". For instance, for **CCO\_USE**, "**CCO**" refers to the *CAM modality code* (**brown**) of chiropractic or osteopathic manipulation and "**USE**" represents the *question code* asking "Has a child EVER used chiropractic or osteopathic manipulation". To complete the question ID, replace "**XXX**" with the CAM modality code (e.g. **CCO\_** for chiropractic or osteopathic manipulation or **\_NAH** for Native American Healer or Medicine Man).

**Abbreviation:** S.C. – Sample child

#### Practitioner-Based Therapies

Has [S.C. name] EVER used any of these therapies for [his/her] health? (**XXX\_USE**)\*

1. **Chiropractor or osteopathic manipulation (CCO)**
2. **Massage (CMS)**
3. **Acupuncture (CAC)**
4. **Energy Healing Therapy (CEH)**
5. **Naturopathy (CNT)**
6. **Hypnosis (CHY)**
7. **Biofeedback (CBI)**
8. **Ayurveda (CAY)**
9. **Chelation (CCH)**
10. **Craniosacral therapy (CCS)**



# Other DRC Features Available

- ❖ Download cleaned, labeled survey data sets with pre-constructed indicators and additional variables (in SAS and/or SPSS)
- ❖ Learn about effective ways you can use the data
- ❖ Discover how the data have been used
- ❖ Sign up for e-updates

# Additional DRC Resources to Maximize Data Use

About the Data Resource Center

Learn About the Surveys

Browse the Data

Put Data into Action

Get Help

keyword search



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Put Data Into Action

How to Use Data Effectively

Examples of Data Use

Data Briefs

Articles

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Family to Family Profiles

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Home > Put Data Into Action > How to Use Data Effectively

## How to Use Data Effectively

When used effectively, data on children's health can be a powerful tool to educate stakeholders, inform decision makers, and motivate and track improvement of children's health care delivery. Accomplishing these goals requires strategic communication of data results. The information and examples below will help users identify successful strategies for sharing findings and using data effectively from the NSCH and NS-CSHCN. Please also see our [Examples of Data Use](#).

### Communication of Data Results

[Making National Survey Data Come Alive](#). Communication of data is essential to engaging all audiences. For many stakeholders, data can be overwhelming and can lead to a lack of engagement or tuning out. To make data come alive, communicate data to your audience by grounding data in real life, easy to understand examples and scenarios.

[Using Data to Increase the Impact of Communications](#). A communications expert shares five rules for selecting and using data facts to develop a powerful message for your targeted audience.

[How to Translate Percentages into Numbers of Children](#). Reporting the estimated number of children with a specific characteristic is often an effective communication tool. This worksheet guides data users through the process of converting percentages into the numbers of children that are represented.

[Putting Your Data Findings into Words](#). How does caring for a child with special health needs affect the work life of family members? A "Telling the Story" example from a family leadership conference in Washington State.

[Understanding Research: Top Ten Tips for Advocates and Policymakers](#). How can you tell if a research study is one you can trust? This checklist helps family and state leaders to critically evaluate research – and use it effectively to inform policy decisions.

# Be Bold

- ❑ Standardized data provides a powerful basis for across-state learning and building shared understanding of priorities and impact.



# Contact Us

Visit us at [www.childhealthdata.org](http://www.childhealthdata.org)

E-mail us at [cahmi@ohsu.edu](mailto:cahmi@ohsu.edu)

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# Thank You!

