

**National Health and Nutrition
Examination Survey 2003-2004**

**Documentation, Codebook,
and Frequencies**

Analgesics Pain Relievers

Questionnaire

**Survey Years:
2003 to 2004**

**SAS Transport File:
RXQANA_C.XPT**



June 2008

NHANES 2003–2004 Data Documentation

Questionnaire Section: Analgesics Pain Relievers (RXQANA_C)

First Published: June 2008

Last Revised: NA

Component Description

The Dietary Supplements and Prescription Medication Section (DSQ) of the Sample Person (SP) Questionnaire collects information on 1) dietary supplements, 2) nonprescription antacids, 3) pain relievers/analgesics, and 4) prescription medications.

This documentation describes the Analgesic Subsection which provides personal interview data on lifetime and current chronic use of specific prescription and non-prescription pain medications.

Eligible Sample

The eligible sample consisted of participants 20 years of age and older.

Interview Setting and Mode of Administration

These questions were asked before the physical examination, in the home, using the Computer-Assisted Personal Interviewing-CAPI (interviewer administered) system.

Quality Assurance & Quality Control

The CAPI system is programmed with built-in consistency checks to reduce data entry errors. CAPI also uses online help screens to assist interviewers in defining key terms used in the questionnaire. Data were routinely examined for discrepancies and erroneous values.

Data Processing and Editing

Data Collection Methods

During the household interview, respondents were asked a series of questions about lifetime and current chronic use of specific prescription and non-prescription pain medications. Chronic use was defined as “use nearly every day for a month or longer”. Participants were shown a hand card with a list of pain-relieving products (Appendix) and were asked to identify which products, listed on the hand card, that they had taken nearly every day for a month or longer.

Data Editing

RXD300 - Pain Relievers drugs/over counter taken regularly

Participants were asked to report pain relievers taken nearly every day for a month or longer, same as data collected during the later part of the 2001-2002 survey.

RXD310 – Product taken

The ordering of products and inclusion of generic ingredient names were the same as data collected during the later part of the 2001-2002 survey.

RXD320 – Number of years taking product every day

The duration of use of pain relievers was originally reported in months or years. To facilitate analysis, all answers were converted to years. All responses less than 1 year were coded to a value of 666.

RXD330 – Currently taking product every day

Participants were asked whether they have used pain relievers in the past 30 days. Those who provided an affirmative answer were asked follow-up questions to identify which products, listed on the hand card, that they had taken and how many days they had used the product in the past 30 days. Persons who reported the use of a pain reliever and reported using a given product for greater than 21 days were identified as a current chronic pain reliever user in RXD330, same as data collected during the later part of the 2001-2002 survey.

Analytic Notes

This file is a drug product level file. Therefore, participants, who reported the use of multiple pain relieving products, will have a record for each product. Note that these data do not differentiate between prescription and non-prescription analgesics. The analyst should also be aware of the above data editing before analyzing the data.

During the 2003-2004 survey, household interviewers were required to record the strength of each product that survey participant reported to have used in the past 30 days. New variables RXQ355 (container seen by interviewer) and RXQ360Q/G/U (strength of product, quantity of strength, unite of strength on bottle) were first released in the 2003-2004 data file, and would not be found in the earlier data files.

Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues. The Analytic Guidelines are available on the NHANES website.

References

N/A

NCHS Locator Fields

Title: Analgesics Pain Relievers (ANARXQ_C)

Contact Number: 1-866-441-NCHS

Years of Content: 2003–2004

First Published: June 2008

Revised: NA

Access Constraints: None

Use Constraints: None

Geographic Coverage: None

Subject: The Analgesic Subsection provides personal interview data on lifetime and current chronic use of specific prescription and non-prescription pain medications.

Record Source: NHANES 2003–2004

Survey Methodology: NHANES 2003–2004 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

Medium: NHANES Web site; SAS transport files.

Appendix. Hand card used by NHANES interviewers:

DSQ

Aspirin – also buffered aspirin products such as Anacin,
Bayer, Bufferin, Midol, Ascripton, Ecotrin, Pabrin, and
Alka Seltzer

Tylenol – also other acetaminophen products, including
sinus products such as Anacin-3, Dristan AF, and Comtrex

Ibuprofen – also Advil, Nuprin, Motrin IB (including cold and
sinus products containing ibuprofen)

Excedrin

Vanquish

Feldene

Voltarin

Clinoril

Indocin

Naprosyn - also Aleve

Tolectin

**National Health and Nutrition Examination Survey
Codebook for Data Production (2003-2004)**

**Questionnaire Section:
Analgesics Pain Relievers (RXQANA_C)**

June 2008



SEQN	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

RXD300	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Drugs/over counter taken regularly
English Text: The next questions are about certain prescription and over the counter pain relievers that {you/SP} may be using now or may have used in the past on a regular basis. You may have told me about some of these pain relievers earlier. I have some different questions specifically about pain relievers. {Have you/has SP} ever taken any of these prescription or over-the-counter pain relievers nearly every day for a month or longer?	
English Instructions: HAND CARD DSQ2	

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1534	1534	
2	No	3689	5223	End of Section
7	Refused	6	5229	End of Section
9	Don't know	6	5235	End of Section
.	Missing	8	5243	

RXD310	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Product taken

English Text: Which products {have you/has SP} taken?

English Instructions: CODE ALL THAT APPLY. HAND CARD DSQ2. CAPI INSTRUCTION: DISPLAY PRODUCT LIST OF PAIN RELIEVING PRODUCTS. (ADD " --ALSO ALEVE" AFTER "NAPROSYN " IN THE RESPONSE CATEGORIES.)

Code or Value	Description	Count	Cumulative	Skip to Item
10	Aspirin - also buffered aspirin products such as Anacin, Bayer, Bufferin, Midol, Ascripton, Ecotrin, Pabrin and Alka Seltzer	821	821	
11	Tylenol - also other acetaminophen products, including sinus products such as Anacin-3, Dristan AF, and Comtrex	315	1136	
12	Ibuprofen - also Advil, Nuprin, Motrin IB (including cold and sinus products containing ibuprofen)	245	1381	
13	Excedrin	20	1401	
14	Vanquish	0	1401	
15	Feldene	4	1405	
16	Voltarin	12	1417	
17	Clinoril	1	1418	
18	Indocin	5	1423	
19	Naprosyn - also Aleve	97	1520	
20	Tolectin	1	1521	
77	Refused	1	1522	
99	Don't know	12	1534	
.	Missing	3709	5243	

RXD320	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	# years taking product every day			
English Text: Please think about {your/SP's} use of pain reliever products during {your/his/her} lifetime. For how many years did {you/s/he} use {PRODUCT NAME} nearly every day? Please do not count the months or years when {you were/s/he was} not taking the medicine.				
English Instructions: ENTER NUMBER OF YEARS				
Code or Value	Description	Count	Cumulative	Skip to Item
1 to 50	Range of Values	949	949	
555	More than 1 year unspecified	0	949	
666	Less than one year	366	1315	
777	Refused	0	1315	
999	Don't know	15	1330	
.	Missing	3913	5243	

RXD330	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Currently taking product every day			
English Text: {Do you/Does SP} currently use or take {PRODUCT NAME} daily or nearly every day?				
English Instructions: IF NO, REFUSED OR DON'T KNOW, ASK RXQ.320 - RXQ.331 FOR NEXT PAIN RELIEVER. IF NO NEXT PAIN RELIEVER, GO TO END OF SECTION.				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	926	926	
2	No	605	1531	End of Section
7	Refused	0	1531	End of Section
9	Don't know	3	1534	End of Section
.	Missing	3709	5243	

RXD331Q		Target		
		B(20 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		# of pills/doses taken/day		
English Text: On average, how many pills or doses of {PRODUCT NAME} {do you/does SP} take in a single day?				
English Instructions: ENTER NUMBER (OF PILLS OR DOSES)				
Code or Value	Description	Count	Cumulative	Skip to Item
1 to 23	Range of Values	924	924	
7777	Refused	0	924	
9999	Don't know	0	924	
.	Missing	4319	5243	

RXD331U		Target		
		B(20 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Unit of measure (pills/doses)		
English Text: UNIT OF MEASURE				
English Instructions: ENTER UNIT				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Pills	913	913	
2	Doses	11	924	
7	Refused	0	924	
9	Don't know	0	924	
.	Missing	4319	5243	

RXQ355		Target		
		B(20 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Container seen by interviewer		
English Text: Interviewer: enter 1 response				
English Instructions: CAPI INSTRUCTION: DISPLAY PRODUCT NAME AS LEFT HEADER				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Container seen	728	728	
2	Container not seen	196	924	End of Section
.	Missing	4319	5243	

RXQ360G		Target		
		B(20 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Strength of product		
English Text: Interviewer: Record strength of product				
English Instructions: CAPI INSTRUCTION: DISPLAY PRODUCT NAME AS LEFT HEADER				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Enter strength	699	699	
2	Information not on bottle/container	18	717	End of Section
3	Multiple ingredient product	11	728	End of Section
.	Missing	4515	5243	

RXQ360Q		Target		
		B(20 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Quantity of strength		
English Text: Quantity of strength				
English Instructions: ENTER NUMBER				
Code or Value	Description	Count	Cumulative	Skip to Item
5 to 800	Range of Values	698	698	
7777	Refused	0	698	
9999	Don't know	1	699	
.	Missing	4544	5243	

RXQ360U		Target		
		B(20 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Unit of strength on bottle		
English Text: Unit of strength on bottle				
English Instructions: ENTER UNIT				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Microgram (mcg)	7	7	
2	Milligram (mg)	667	674	
3	Gram (g)	1	675	
4	Microgram/Milliliter	0	675	
5	Milligram/Milliliter	21	696	
6	Gram/Milliliter	0	696	
7	Other	2	698	
77	Refused	0	698	
99	Don't know	1	699	
.	Missing	4544	5243	