

**Third National Health and Nutrition
Examination Survey 1988–1994**

**Documentation, Codebook,
and Frequencies**

**Dietary Interview - Vitamin K and
3-Methylhistidine, Individual
Foods, Second Recall**

**Survey Years:
1988 to 1994**

**SAS Transport File:
VKIFFR.XPT**



February 2009

NHANES III Data Documentation

Dietary Interview: Vitamin K and 3-Methylhistidine (VKDRINUT, VKDRINUR, VKIFF, VKIFFR)

First Published: February 2009

Last Revised: NA

Component Description

The dietary interview component provides data on intake of foods and beverages over the previous 24 hours. The NHANES III included a primary 24-hour diet recall interview in the Mobile Exam Center (MEC) as part of the MEC exam and a second or “replicate” exam was conducted for an approximately ten percent subsample that included a second 24-hour diet recall.

This dataset includes dietary intake information on two nutrients, vitamin K and 3-methylhistidine, collected as part of the NHANES III dietary component. In NHANES III dietary data were collected in collaboration with the University of Minnesota's Nutrition Coordinating Center (NCC). The files containing data for the two nutrients vitamin K and 3-methylhistidine were delivered by NCC after the first release of nutrient intake data files. The data were considered provisional at that time but have subsequently been confirmed.

As in previously released NHANES III dietary interview data, four data files were produced for vitamin K and 3-methylhistidine intake: two individual foods files and two total nutrient intake files. Each file includes one recall (primary or second) of intake data. The “individual foods” file includes vitamin K and 3-methylhistidine values for each food reported by each survey participant and the “total nutrient intake” file sums vitamin K and 3-methylhistidine intakes across all foods and beverages consumed. File names are as follows:

File Names for Dietary Interview Data: Vitamin K and 3-Methylhistidine

File	Primary diet recall	Second diet recall
Individual Foods File	VKIFF	VKIFFR
Total Nutrient Intake File	VKDRINUT	VKDRINUR

Eligible Sample

All survey participants ages 2 months of age and older who participated in the MEC exam were eligible for the primary diet recall interview. Approximately ten percent of the participants were asked to return to the MEC to participate a second or “replicate” exam that included a second 24-hour diet recall interview.

Protocol and Procedure

The 24-hour dietary recall interview method is described in detail in the documentation file for the dietary recall total nutrients file, Series 11, No. 2A in the section titled “NHANES III Dietary Interview Methodology” and in the Dietary Interviewer Manual (1).

Quality Assurance & Quality Control

A number of quality-control monitoring techniques were employed during the survey. For example, the techniques for monitoring the Dietary Interview component included observations of actual dietary interviews and reviews of audiotaped interviews by NCHS and contractor staff. In addition, the dietary interviewers worked in two-person teams; there was one team in each MEC. The dietary interviewers performed 10-percent cross-check reviews of their partners' work using printed recall reports. Finally, newsletters, field memoranda, telephone calls, and staff retraining sessions were other methods used to maintain quality control during the survey. Quality control procedures for the dietary recall interview data are described in detail in the Dietary Interviewer Manual (1).

Data Processing and Editing

Data processing procedures for the entire survey are described in detail in the documentation file for the dietary recall total nutrients file, Series 11, No. 2A in the section titled “Data Preparation and Processing Procedures.”

Analytic Notes

Each Individual Foods File (primary and second) is comprised of food records. For most survey participants, there are multiple records in each file. For each Total Nutrient Intake File (primary and second) there is one record for each participant. These files can be linked with other NHANES III files by the respondent sequence number (SEQN).

These files do not include any revised or corrected data on dietary intake, only the addition of two nutrients: vitamin K and 3-methylhistidine. Most users will want to merge these files with the files containing the rest of the data from the 24-hour dietary recall interview in the April 1998 release Series 11, No. 2A, which contain the variables DRPSTAT and DRRSTAT indicating whether data are reliable and complete for the primary and secondary recalls respectively. The Series 11 No. 2A files also include all of the other nutrient and food intake variables.

Analytic notes, including information on selection of appropriate sample weights are described in detail in the documentation file for the dietary recall total nutrients file, Series 11, No. 2A in the section titled “Analysis Guidelines”.

In addition for more recommendations on analysis of NHANES 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

1. Centers for Disease Control and Prevention. NHANES III Dietary Interviewers Manual. September 1992.
<http://www.cdc.gov/nchs/about/major/nhanes/nh3rrm.htm#refman>.
Accessed February 3, 2009.

Locator Record

Title: Dietary Interview - Vitamin K and 3-Methylhistidine, Individual Foods, Second Recall (VKIFFR)

Contact Number: 1-866-441-NCHS

Years of Content: 1988-94

First Published: February 2009

Revised: NA

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: Dietary intake of vitamin K and 3-methylhistidine from 24-hour diet recall

Record Source: NHANES III (1988-94)

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

Medium: NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey
Codebook for Data Production (1988-1994)
(NHANES III)**

**Dietary Interview - Vitamin K and 3-Methylhistidine, Individual
Foods, Primary Recall (VKIFFR)
Person Level Data**

February 2009



SEQN	Target
	B(2 Mos. to 150 Yrs.)
Hard Edits	SAS Label
	Respondent identification number
English Text: Respondent identification number	
English Instructions:	

DRRMN	Target
	B(2 Mos. to 150 Yrs.)
Hard Edits	SAS Label
	Replicate Meal number
English Text: Replicate Meal number	
English Instructions:	

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 14	Range of Values	25727	25727	
.	Missing	0	25727	

DRRFN	Target
	B(2 Mos. to 150 Yrs.)
Hard Edits	SAS Label
	Replicate Food number
English Text: Replicate Food number	
English Instructions:	

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 14	Range of Values	25727	25727	
.	Missing	0	25727	

DRRCN	Target			
	B(2 Mos. to 150 Yrs.)			
Hard Edits	SAS Label			
	Replicate Component number			
English Text: Replicate Component number				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1 to 13	Range of Values	25727	25727	
.	Missing	0	25727	

NCRIVK	Target			
	B(2 Mos. to 150 Yrs.)			
Hard Edits	SAS Label			
	Replicate NCC IFF Vitamin K (mcg)			
English Text: Replicate NCC IFF Vitamin K (mcg)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0 to 1673.6	Range of Values	25727	25727	
88888	Blank but applicable	0	25727	
.	Missing	0	25727	

NCRI3MET	Target			
	B(2 Mos. to 150 Yrs.)			
Hard Edits	SAS Label			
	Replicate NCC IFF 3-Methylhistidine (mg)			
English Text: Replicate NCC IFF 3-Methylhistidine (mg)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0 to 199.92	Range of Values	25727	25727	
88888	Blank but applicable	0	25727	
.	Missing	0	25727	