

ICPSR 25504

**National Health and Nutrition
Examination Survey (NHANES),
2005-2006**

*United States Department of Health and
Human Services. Centers for Disease
Control and Prevention. National Center
for Health Statistics*

NCHS User Guide -- Examination: Blood
Pressure

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National Health and Nutrition Examination Survey 2005–2006

Documentation, Codebook, and Frequencies

Blood Pressure

Examination

**Survey Years:
2005 to 2006**

**SAS Transport File:
BPX_D.XPT**



November 2007

NHANES 2005–2006 Data Documentation

Exam Component: Blood Pressure (BPX_D)

First Published: November 2007

Last Revised: N/A

Component Description	Accurate measurement of blood pressure (BP) is a major public health concern; it is essential for hypertension screening, as well as for disease management. Hypertension is a powerful, consistent and independent risk factor for cardiovascular disease and renal disease
Eligible Sample	<p>Heart rate is measured on all children 0-4 years of age; radial pulse is measured on examinees 5 years and older; and blood pressure (BP) is measured on all examinees 8 years and over.</p> <p>Exclusion criteria: presence of the following on both arms: rashes, gauze dressings, casts, edema, paralysis, tubes, open sores or wounds, withered arms, a-v shunts, or if blood has been drawn from arm within the last week.</p>
Protocol and Procedure	After resting quietly in a sitting position for 5 minutes and determining the maximum inflation level (MIL), three consecutive blood pressure readings are obtained. If a blood pressure measurement is interrupted or incomplete, a fourth attempt may be made. All BP determinations (systolic and diastolic) are taken in the Mobile Examination Center (MEC)
Quality Assurance & Quality Control	<p>The BP examiners are certified for blood pressure measurement through a training program from <i>Shared Care Research and Education Consulting</i>. Certification is achieved when physician examiners meet all requirements of the training program. The initial training includes:</p> <ul style="list-style-type: none">• didactic instruction about BP measurement and propensity for error;• practice listening to systolic and diastolic BP sounds using a standardized audio-video tape presentation;• audio-video tape test;• written exam;• examiner and gold standard instructor simultaneously listening to BP of a minimum of 20 volunteers of all ages through a Y-stethoscope to compare measures; and• observation of protocol technique using a checklist.

Certification requires a score of 100 per cent on the audio-video tape test. Correct answers on the audio-video tape test require the examiner's answers and the standardized test answers to be within +/- 2mm mercury (Hg) on 92 per cent of 24 measures (12 systolic, 12 diastolic), and within +/- 4mm Hg on 100 percent of 24 measures (12 systolic, 12 diastolic). For more information on quality assurance and control, see Ostchega et al. (1).

For more details on the QA/QC process for this component, please refer to the Physician Section of the **MEC Operations Manual**.

Data Processing and Editing

The following specifications were programmed in the computer system used to capture the blood pressure data:

- systolic blood pressure and maximum inflation level cannot be greater than 300 mmHg;
- systolic and diastolic blood pressure and maximum inflation level can be even numbers only;
- systolic blood pressure must be greater than diastolic blood pressure;
- if there is no systolic blood pressure, there can be no diastolic blood pressure;
- diastolic blood pressure can be zero

Analytic Notes

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. Ostchega Y, Prineas RJ, Paulose-Ram R, Grim CM, Willard C, Collins C. National Health and Nutrition Examination Survey (NHANES) 1999-2000: Effect of observer training and protocol standardization on reducing blood pressure measurement error. J Clinical Epidemiology. 2003 Aug; 56 (8): 768-774

Locator Record

Title: Blood Pressure (BPX_D)

Contact Number: 1-866-441-NCHS

Years of Content: 2005–2006

First Published: November 2007

Revised: N/A

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: The data in this file provide interview questions and blood pressure measurements taken in the mobile examination center by two physicians on sample persons eight years of age and older.

Record Source: NHANES 2005–2006

Survey Methodology: NHANES 2005–2006 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 (2005-2006)

Examination Component: Blood Pressure (BPX_D)

November 2007



SEQN	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

PEASCST1	Target
	B(0 Yrs. to 150 Yrs.)
Hard Edits	SAS Label
	Blood Pressure Status
English Text: Blood Pressure Status	
English Instructions:	

Code or Value	Description	Count	Cumulative	Skip to Item
1	Complete	9512	9512	
2	Partial	101	9613	
3	Not done	337	9950	
.	Missing	0	9950	

PEASCTM1	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Blood Pressure Time in Seconds			
English Text: Blood Pressure Time in Seconds				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
2 to 2679	Range of Values	9641	9641	
.	Missing	309	9950	

PEASCCT1	Target			
	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Blood Pressure Comment			
English Text: Blood Pressure Comment				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Safety exclusion	4	4	
2	SP refusal	104	108	
3	No time	2	110	
4	Physical limitation	34	144	
5	Communication problem	5	149	
7	SP ill/emergency	10	159	
14	Interrupted	2	161	
56	Came late/left early	142	303	
84	SP with child	3	306	
99	Other, specify	132	438	
.	Missing	9512	9950	

	Target			
BPXCHR	B(0 Yrs. to 7 Yrs.)			
Hard Edits	SAS Label			
	60 sec HR (30 sec HR * 2)			
English Text: 60 sec HR (30 sec HR * 2)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0 to 288	Range of Values	2168	2168	
.	Missing	7782	9950	

	Target			
BPQ150A	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Had food in the past 30 minutes?			
English Text: Have you had any of the following in the past 30 minutes?: Food				
English Instructions: Check each that applies				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	2167	2167	
2	No	5288	7455	
.	Missing	2495	9950	

		Target		
BPQ150B		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Had alcohol in the past 30 minutes?		
English Text: Have you had any of the following in the past 30 minutes?: Alcohol				
English Instructions: Check each that applies				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	4	4	
2	No	7451	7455	
.	Missing	2495	9950	

BPQ150C		Target		
		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Had coffee in the past 30 minutes?		
English Text: Have you had any of the following in the past 30 minutes?: Coffee				
English Instructions: Check each that applies				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	27	27	
2	No	7428	7455	
.	Missing	2495	9950	

		Target		
BPQ150D		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Had cigarettes in the past 30 minutes?		
English Text: Have you had any of the following in the past 30 minutes?: Cigarettes				
English Instructions: Check each that applies				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	90	90	
2	No	7365	7455	
.	Missing	2495	9950	

BPAARM		Target		
		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Arm selected:		
English Text: Arm selected:				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Right	7356	7356	
2	Left	37	7393	
8	Could not obtain	62	7455	
.	Missing	2495	9950	

BPACSZ	Target			
	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Coded cuff size			
English Text: Cuff size (cm) (width X length)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Infant (6X12)	1	1	
2	Child (9X17)	457	458	
3	Adult (12X22)	2793	3251	
4	Large (15X32)	3291	6542	
5	Thigh (18X35)	846	7388	
.	Missing	2562	9950	

BPXPLS		Target		
		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		60 sec. pulse (30 sec. pulse * 2):		
English Text: 60 sec. pulse (30 sec. pulse * 2):				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
40 to 220	Range of Values	7441	7441	
.	Missing	2509	9950	

	Target			
BPXDB	B(12 Yrs. to 49 Yrs.)			
Hard Edits	SAS Label			
	# of dropped beats in 30 seconds			
English Text: # of dropped beats in 30 seconds				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1 to 18	Range of Values	55	55	
.	Missing	9895	9950	

	Target			
BPXPULS	B(0 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Pulse regular or irregular?			
English Text: Pulse regular or irregular?				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Regular	9230	9230	
2	Irregular	208	9438	
.	Missing	512	9950	

	Target			
BPXPTY	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Pulse type:			
English Text: Pulse type:				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Radial	7444	7444	
2	Brachial	5	7449	
8	Could not obtain	0	7449	
.	Missing	2501	9950	

BPXML1	Target			
	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
70.0000 to 300.0000	MIL: maximum inflation levels (mm Hg)			
English Text: MIL: maximum inflation levels (mm Hg)				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
110 to 290	Range of Values	7377	7377	
888	Could not obtain	0	7377	
.	Missing	2573	9950	

		Target		
BPXSY1		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Systolic: Blood pres (1st rdg) mm Hg		
English Text: Systolic: Blood pressure (first reading) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
74 to 270	Range of Values	6668	6668	
.	Missing	3282	9950	

BPXDI1		Target		
		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Diastolic: Blood pres (1st rdg) mm Hg		
English Text: Diastolic: Blood pressure (first reading) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0 to 124	Range of Values	6668	6668	
.	Missing	3282	9950	

		Target		
BPAEN1		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Enhancement used first reading		
English Text: Enhancement used first reading				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	0	0	
2	No	7388	7388	
8	Could not obtain	0	7388	
.	Missing	2562	9950	

		Target		
BPXSY2		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Systolic: Blood pres (2nd rdg) mm Hg		
English Text: Systolic: Blood pressure (second reading) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
72 to 232	Range of Values	6265	6265	
.	Missing	3685	9950	

	Target			
BPXDI2	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Diastolic: Blood pres (2nd rdg) mm Hg			
English Text: Diastolic: Blood pressure (second reading) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0 to 124	Range of Values	6265	6265	
.	Missing	3685	9950	

	Target			
BPAEN2	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Enhancement used second reading			
English Text: Enhancement used second reading				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	138	138	
2	No	7246	7384	
8	Could not obtain	0	7384	
.	Missing	2566	9950	

		Target		
BPXSY3		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Systolic: Blood pres (3rd rdg) mm Hg		
English Text: Systolic: Blood pressure (third reading) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
78 to 234	Range of Values	6091	6091	
.	Missing	3859	9950	

BPXDI3		Target		
		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Diastolic: Blood pres (3rd rdg) mm Hg		
English Text: Diastolic: Blood pressure (third reading) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0 to 122	Range of Values	6091	6091	
.	Missing	3859	9950	

BPAEN3		Target		
		B(8 Yrs. to 150 Yrs.)		
Hard Edits		SAS Label		
		Enhancement used third reading		
English Text: Enhancement used third reading				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	137	137	
2	No	7247	7384	
8	Could not obtain	0	7384	
.	Missing	2566	9950	

	Target			
BPXSY4	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Systolic: Blood pres (4th rdg) mm Hg			
English Text: Systolic: Blood pressure (fourth reading if necessary) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
76 to 222	Range of Values	1179	1179	
.	Missing	8771	9950	

	Target			
BPXDI4	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Diastolic: Blood pres (4th rdg) mm Hg			
English Text: Diastolic: Blood pressure (fourth reading if necessary) mm Hg				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
0 to 124	Range of Values	1179	1179	
.	Missing	8771	9950	

	Target			
BPAEN4	B(8 Yrs. to 150 Yrs.)			
Hard Edits	SAS Label			
	Enhancement used fourth reading			
English Text: Enhancement used fourth reading				
English Instructions:				
Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	112	112	
2	No	2086	2198	
8	Could not obtain	0	2198	
.	Missing	7752	9950	

General Information About the Mobile Examination Center (MEC) Examination Data

Automated Data Collection

Each MEC examination had computerized data collection. The examination component data entry systems had built-in quality control checks. Unusual data entries were flagged and a message was sent to the technicians. The technicians were required to either verify the original entry or edit the response. At the end of each examination session, data were sent to a central survey database.

Spanish Translations of Protocol Instructions

All NHANES brochures, consent forms, hand cards, protocols, and correspondence were produced in English and Spanish. All materials were translated as part of the NHANES, Institutional Review Board (IRB) approved, forward translation process. Extensive training was completed with MEC staff to ensure the quality and comparability of staff interactions with Spanish-speaking respondents.

Technician Training

The qualifications for MEC laboratory, physician, dental, and health technician staff are described in the component training manuals. All MEC staff completed the requirements for safety, subject privacy and confidentiality, and cardio-pulmonary resuscitation training. In addition, all staff completed component-specific training to learn the standardized NHANES protocol for each of the examinations they performed.

Quality Control Monitoring- General Procedures

Quality control measures included equipment calibration and observations of examinations in the field. Experienced trainers and observers monitored technician performance in the field. Periodic retraining sessions were conducted with the survey staff.

For a subset of examination components (e.g., body measurements and the dental examination), a second examination was completed on examinees who previously completed the NHANES exam. In some cases, a “gold standard” examiner performed the second examinations during a site visit.

Consistency Checks

An extensive series of quality assurance and quality control analyses were completed for each examination component. The MEC examination component training manuals, provided with these data files, describe the measures taken in greater detail.

Data Preparation

Routine data preparation procedures included a review of frequency data, outliers, and technician notes. Analysts should review the data reported for each component or laboratory assay, prior to beginning data analyses. Analysts should examine the data spread and consider whether or not it is appropriate to include or exclude extreme values in a given analysis.

Mobile Exam Center Components Descriptions

The following pages describe the exam components as offered in the Mobile Examination Center.

Audiometry

Public Health Objectives: Hearing loss severe enough to interfere with speech is experienced by approximately 8 percent of U.S. adults and 1 percent of children. Hearing loss at this level has consequences for quality of life, development in children, and other problems. Occupational surveys list noise as the first or second most prevalent work hazard worldwide. More than 8 million U.S. workers are exposed to average eight hour noise levels exceeding 85 dBA, and of this number 500,000 are estimated by the Occupational Safety and Health Administration (OSHA) to be exposed to 100 dBA or greater. The principal health consequence of excessive noise exposure is permanent hearing loss, and the economic consequences of hearing loss are great. Workers compensation is estimated by the Alliance of American Insurers to average \$80-\$100 million each year, with the number of claims increasing each year.

The hearing examination will achieve the following objectives: 1) to obtain normative data on the hearing status of the adult US population; and 2) to evaluate certain covariates that may be related to hearing loss, such as occupational exposure.

Staff:

Medical technician

Protocol:

Methods: The hearing component for NHANES will test adolescents ages 12-19 using pure tone audiometry and tympanometry. Pure tone audiometry thresholds will be obtained in both ears at 500, 1000, 2000, 3000, 4000, 6000, and 8000 hz. To detect middle ear disease, tympanometry will be conducted to provide an estimate of tympanic membrane compliance. The otoscopic exam will examine the outer ear to identify abnormalities which may require alternate audiometric procedures or influence the results obtained.

Time Allotment:

- 16 minutes

Health Measures:

- Evaluation of hearing sensitivity
- Evaluation of the physiological function of the middle ear
- Physical examination of the outer ear

Eligibility:

- Participants age 12-19

Exclusion Criteria:

- No precluding conditions for otoscopy, immittance, or audiometry

Justification for using vulnerable populations:

- There is no reason to exclude mentally impaired or handicapped individuals because there is no contraindication if they can understand exam instructions.

Risks:

- There are no known risks with the hearing examination.

Report of findings:

- MEC
 - Level 1: None
 - Level 2: MEC physician evaluates all participants with the following findings and refers as appropriate:
 - Otoscopy - impacted cerumen, drainage, blood in ear canal, foreign body in ear canal
 - Tympanometry- Measures of pressure, compliance and volume consistent with blocked ear canal, fluid, or perforated eardrum
 - Level 3: Classification of hearing ability based on pure-tone audiometry

Text as is appears in MEC report:

The softest sounds you are able to hear are called hearing thresholds. Your thresholds at different frequencies (pitches) are reported in the table below. The lower pitched sounds are towards the left of the table and the higher pitched sounds are toward the right. Values of 25 dB or less are considered normal hearing.

Hearing Levels by Ear and Frequency (Air Conduction)

		Frequency (Hz) 500 1000 2000 3000 4000 6000						
		8000						
Right Ear		999	999	999	999	999	999	999
Left Ear		999	999	999	999	999	999	999

Thresholds reported in dB HL

Provide interpretation of hearing test for right ear and left ear (**see Attachment 32**) .

Provide recommendation if any threshold in either ear exceeds 25 dB HL as follows:

The audiometry test can identify a hearing problem but can not determine the cause of hearing loss. We recommend that you see a doctor regarding your hearing loss if you have not already done so.

Body Composition – Bone Density Dual-energy X-ray Absorptiometry (DXA)

Public Health Objectives:

The body composition component consists of dual-energy X-ray absorptiometry (DXA) scans of the proximal femur (hip) and lumbar spine. The femur and spine scans will provide information on bone mineral content or density for sample persons ages 8 years and older.

Femur bone mineral density (BMD) data will address secular trends in femoral osteoporosis in the adult U.S. population since NHANES III, as called for by Objective 2.9 of Healthy People 2010. Data from the femur and spine scans will also enhance the evaluation of skeletal health in the U.S. population by providing: a) the first estimates of osteoporosis at the spine, an important site of osteoporotic fracture; b) the first national data on spine BMD for ages 8 years and older; and c) the first nationally representative data on femur BMD in individuals ages 8-19 years.

Low BMD is a major determinant of osteoporotic fracture risk. Hip fractures account for the majority of financial costs associated with osteoporotic fractures. It has been estimated that the cost of hip fractures is about \$14 billion annually. Since the risk of hip fractures begins to increase exponentially after age 65, the magnitude of this problem is likely to increase dramatically over the next few decades as the population ages. Femur BMD is one of the variables included in the model to assess absolute fracture risk that is being developed by a committee of the National Osteoporosis Foundation (NOF) and International Osteoporosis Foundation (IOF).

NHANES is the only nationally representative survey that can shed light on when peak bone mass is attained and the degree of bone loss with age. Childhood and adolescence are the periods to target for intervention strategies in osteoporosis. Measurement in younger individuals will provide insight into early racial/ethnic differences in the rate of bone accretion. This information is vital to all aspects of treatment and prevention of this disease and is particularly critical to government funding of related research, medical screening, treatment, and reimbursement programs.

Measures of bone mineral content or density also will allow researchers to gain insights into age, sex, and racial/ethnic differences in the skeleton relative to other measures of body composition such as total muscle and fat mass, as well as behavioral factors such as diet and activity.

Staff:

Health technician (MEC) with radiology certification

Protocol:

Dual-energy X-ray absorptiometry delivers a small amount of radiation through a scanning arm while the participant lies in the supine position.

Time Allotment:

Eight minutes are allowed for the procedure.

Health Measures:

Bone measures also will be obtained for pelvis, left and right ribs, thoracic and lumbar spine.

- Total body tissue (gm)
- Bone mineral content (gm)

- Bone area (cm²)
- Bone mineral density (gm/cm³)
- Fat content (gm)
- Lean mass (gm)
- Lean mass plus bone mineral content (gm)
- Percent fat (%)

Femur scan: values are obtained for the neck, trochanter, intertrochanter, Ward's triangle, and total femur. Spine scan: values are obtained for the L1, L2, L3, and L4 vertebrae and total spine.

- Bone mineral content (gm)
- Bone area (cm²)
- Bone mineral density (gm/cm³)

Eligibility:

SPs who do not meet any of the safety/exclusion questions:

- Femur and lumbar spine scan: 8 years and older

Exclusion Criteria:

- Pregnancy
- History of radiographic contrast material (barium) use in past 72 hours
- Nuclear medicine studies in the past 3 days
- Weight over 300 pounds (limitation for examination table)

Risks:

Minimal risk. The total radiation dose is extremely low, 0.01 to 0.04 mrem per scan, which is within the range of background radiation and considerably less than conventional X-rays. A chest X-ray, for example, delivers a radiation dose of 40 mrem.

Justification for using vulnerable populations:

- Minors under 18 are included in the DXA assessment to obtain information on critical periods for bone accretion.
- Pregnant women will be excluded from DXA because of the radiation exposure, however minimal.
- Mentally impaired individuals will not be excluded from body composition because there is no contraindication.

Report of findings:

MEC None

NCHS

Level 1: None

Level 2: None

Level 3: Percentage body fat and bone density results

Bone mineral density (ages 20 and older) will be reported in the final report of findings sent to participants from NCHS. BMD results will not be reported to participants less than 20 of age because the reference group used for analyzing the BMD does not include persons less than 20 years.

Variables reported: Hip and spine bone mineral density (BMD) with interpretations using the T-score or Z-scores from analyzed scan. Males will be compared to a male reference dataset and females will be compared to a female reference dataset.

Body Measurements-Anthropometry

Public Health Objectives: The objectives of the body measurements or anthropometry component are: to provide nationally representative body measures data to: 1) estimate the prevalence of overweight and obesity in the U.S. population; 2) provide data to study the association between body measures and body composition; 3) study health conditions and health risk factors and conditions including cardiovascular disease, diabetes, hypertension, physical inactivity, and dietary patterns; and 4) to monitor growth and development in children. Overweight is a major public health problem in the United States. The recent increase in overweight prevalence among all sex, age, and racial-ethnic groups has been called an epidemic. NHANES is unique in collecting nationally representative measured data on body measures and composition. Body measures data from NHANES are used to provide representative reference data, set health objectives, and monitor trends. Anthropometry data have been collected with comparable methods since the first National Health Examination Survey (1960-62).

Survey Staff: Trained health technicians perform all of the NHANES body measurements using standardized examination methods and calibrated equipment. A recorder assists the examiner during the body measures exam by assuring that proper positioning is maintained during the measurement process (particularly for young children), and recording information that is entered manually into the NHANES Integrated Survey Information System (ISIS), an online data entry system used for all of the NHANES examination components.

Measurement Site and Equipment: All measurements are performed in the NHANES mobile examination centers (MECs). The body measurement component is conducted in a private room that is equipped with a floor scale, fixed stadiometer, a bench (for taking measurements in a seated position), wall mirror, infant recumbent length measuring board, and computer workstation.

Target Sample Groups for the NHANES Body Measurement Assessments: All participants are eligible for this component. The measurements vary depending on the age of the participant as follows:

Weight: all ages Recumbent length: birth through 47 months
Standing height: 2+ years Upper leg length: 8+ years
Upper arm length: 2+ months Head circumference: birth through age 6 months
Mid-upper arm circumference: 2+ months Waist circumference: 2+ years
Triceps skinfold: 2+ months
Subscapular skinfold: 2+ months

Protocol Description

Weight: The participant stands on a floor scale that is equipped with a digital read-out. For young children, a parent or guardian holds the child for the body weight measurement. The scale is “tared” (set to zero) with the parent on the scale; the child is handed to the parent and the child’s weight is measured. All body weight data are captured electronically and entered into the survey database automatically.

Stature (Standing Height): Height is measured using a wall-mounted stadiometer. The device is connected to an automated data electronic database and data are entered into the survey database automatically.

Recumbent Length: Length is measured using an infantometer or measuring board. The device is connected to an automated data electronic database and data are entered into the survey database automatically.

Head circumference: A flexible, plastic, head circumference measurement tape is used to measure the head circumference of infants.

Lengths (upper arm and upper leg) and Circumferences (mid-arm and waist): All measurements are made using a steel measuring tape.

Skinfold Thickness Measurements: Sub-scapular and triceps skinfold measurements are made using skinfold calipers.

Time Allotment: Approximately 4-5 minutes, depending on the age of the subject.

Ophthalmology

Public Health Objective: The leading causes of visual impairment in the United States are primarily age-related eye diseases including cataract, diabetic retinopathy, glaucoma, and age-related macular degeneration. More than 3.4 million Americans aged 40 years or older are either blind or are visually impaired. The major causes of vision loss in older Americans are age-related macular degeneration (AMD), diabetic retinopathy, cataract and glaucoma. Visual impairment is one of the 10 most common causes of disability in America and is estimated to impose an economic burden of \$38.4 billion (\$22.3 in direct costs and \$16.1 in indirect costs).

Age-related macular degeneration (AMD) is the leading cause of visual impairment and blindness in the U.S. among people 65 years or older. The frequency of AMD is expected to increase as the population lives longer. Population based estimates of the prevalence and severity of AMD will help allocate resources as treatment modalities become available.

Diabetic retinopathy is the leading cause of new blindness among adults age 20-74 years. It can affect almost anyone with diabetes and contribute both to individual and societal burden. With the growing epidemic of diabetes and demographic changes in the American society, vision loss and eye disease will be a growing major public health problem. Efficacious and cost-effective strategies to detect and timely treat diabetic retinopathy are available, but among people with diabetes, ocular eye examination is received only by two-thirds of people for whom the exam is recommended and varies significantly across health care settings.

Glaucoma is the leading cause of irreversible blindness and a prevalent disease associated with aging. Although glaucoma can usually be controlled by early detection and treatment, half of people with glaucoma are not diagnosed, and glaucoma is still the number one blinding disease among African Americans.

Staff:

Health technician

Protocol: Prior to the ophthalmology exam, the participant will complete the vision examination component which includes visual acuity and objective refraction. The first exam performed will be the visual field testing using Frequency Doubling Technology (FDT) to test visual field loss from glaucoma. The second exam will be performed using an ophthalmic digital imaging system (Retinal Photography) to assess the presence of retinal diseases. Data are sent to image graders on DVD for grading following a strict protocol.

Time Allotment: The average time needed to complete both exams is 18-20 minutes

Health Measures:

- Presence of diabetic retinopathy
- Presence of age-related macular degeneration
- Evaluation of visual loss from glaucoma

Eligibility:

All examined participants aged 40 years and older who do not meet any of the exclusion criteria

Exclusion criteria:

Participants with:

- Lack of light perception (as measured by question VIQ010 in the household interview)
- Severe eye infection in one or both eyes (Question VIQ110)

- Individuals wearing eye patches in both eyes (Question VIQ130)

Justification for using vulnerable populations:

Current estimates of eye disease are based on data that are 25 years old and not nationally representative. Inclusion of mentally impaired individuals and pregnant women are important for national estimates.

Risks:

The examination procedures are noninvasive and present no greater than minimal risk to subjects.

Report of findings:

Findings from the NHANES Ophthalmology component will be provided in the Final Report of Findings sent to participants 12-16 weeks after the examination. Abnormal results will be reported to participants as soon as possible, in the Early Report.

Early Report of pathology:

The Medical Officer will send a letter to the participant within 24 hours of receiving the results. Pathologies will be reported by the name of the eye condition and a brief description (refer below). A statement recommending an appointment with an eye doctor (ophthalmologist) within the next TWO MONTHS or AS SOON AS POSSIBLE will also be provided based on the condition severity.

Description of the eye pathology provided in the early report:

- Active Proliferative Retinopathy “There were changes in the retina, the back of your eye, that are often found in people with diabetes. These changes were found in (the right/the left/both) eye(s).”
- Severe Non-Proliferative Retinopathy “There were changes in the retina, the back of your eye, that are often found in people with diabetes. These changes were found in (your right/your left/both) eye(s).”
- Macular Edema “There is a swelling in the retina in the back of (your right/your left/both) eye(s), called macular edema. This swelling can cause a decrease in vision.”
- Treatable Late Stage Age-Related Macular Degeneration “Signs of age-related macular degeneration were found in (your right/your left/both) eye(s). Age-related macular degeneration is a common eye disease in older people.”
- Branch or Central Vein Occlusion “There appears to be a blockage or an occlusion of a small retinal blood vessel in the back of (your right/your left/both) eye(s).”
- Hollenhorst Plaque “We found a piece of cholesterol (fatty deposit) lodged in the small retinal blood vessels in the back of (your right/your left/both) eye(s) suggesting the possibility of changes in the carotid artery in your neck.”
- Irregular Nevus “A choroidal nevus, a small mole, like a birthmark, was found in the back of (your right/your left/ both) eye (s). This nevus had an unusual appearance.”
- Macular Hole “There is a small hole in the central part of the retina (the macula) in (the right/the left/both) eye(s). A macular hole can cause a decrease in vision. The cause of macular holes is unknown.”
- Surface Wrinkling Retinopathy/Epiretinal Membrane “There is a clear layer or membrane present in the center of the retina in (your right/your left/both) eye(s) that is pulling on the retina and may be causing a decrease in vision.”
- Suspicious Cup to Disc Ratio “The optic nerve (the main nerve going into the eye) in (your right/your left/both) eye(s) has changes that suggest glaucoma may be present.”

Final Report of Findings:

The findings reported will be reported in two categories:

1. Visual Field Test Results

Visual field test results will be reported for each eye. The definition of a visual field abnormality (eye-specific) is any two fields on an FDT below 1% threshold level in first test, AND at least two fields below 1% threshold level in second test, AND at least one of which is the SAME field as in the first test. "We did a visual field test to find out how well you can see things peripherally or out to the side.

Your visual field test was <normal> or <outside normal limits> in your right eye, and <normal> or <outside normal limits> in your left eye. If either eye abnormal, add: This may suggest an eye problem, which should be evaluated by an eye doctor within the next two months."

2. Retinal Image Findings

In certain cases, the participant may have received a pathology notification earlier. Reported findings may be the same as the previous pathology notification or may contain additional information about other less severe conditions.

No Significant Abnormalities "No significant abnormalities were found in the back of your (right/left) eye(s)."

Ungradeable Images "Unfortunately, we were unable to evaluate the photographs of the back (the retina) of (your right/your left/either) eye."

Abnormalities Present When a condition is present, the following feedback text is provided:

- . Age-related macular degeneration
 - o Drusen only without other signs of age-related macular degeneration "Drusen, small deposits in the retina (the back layer of your eye) were found in (your right/your left/both) eye(s). These are commonly seen as people get older."
 - o Early age-related macular degeneration
 - both) "Early signs of age-related macular degeneration were found in (your right/your left/eye(s). Age-related macular degeneration is a common disease sometimes associated with decreased vision."
 - o Late age-related macular degeneration "Signs of age-related macular degeneration were found in (your right/your left/both) eye(s). Age-related macular degeneration is a common eye disease in older people."
 - o Treatable Late Age-Related Macular Degeneration "Signs of age-related macular degeneration were found in (your right/your left/both) eye(s). Age-related macular degeneration is a common eye disease in older people." If you have not already done so, it is strongly recommended that you make an appointment with an eye doctor (ophthalmologist) as soon as possible.
- . Diabetic Retinopathy
 - o Non-Proliferative Retinopathy "There were changes in the retina, the back of your eye, that are often found in people with diabetes and occasionally in people with high blood pressure. These changes were found in (the right/the left/both) eye(s). It is recommended that you make an appointment with an eye doctor (ophthalmologist)."
 - o Severe Non-Proliferative Retinopathy: "There were changes in the retina, the back of your eye, that are often found in people with diabetes. These changes were found in (the right/the left/both) eye(s). If you have not already done so, it is strongly recommended that you make an appointment with an eye doctor (ophthalmologist)."
 - o Inactive Proliferative Retinopathy: "There were changes in the retina, the back of your eye, that are often found in people with diabetes. These changes appeared to be old and inactive and were found in (the right/the left/both) eye(s)."
 - o Active Proliferative Retinopathy: "There were changes in the retina, the back of your eye, that are often found in people with diabetes. These changes were found in (the right/the left/both) eye(s). If you have not already done so, it is strongly recommended that you make an appointment with an eye doctor (ophthalmologist) as soon as possible."
- . Macular Edema

- o Macular edema, not clinically significant (no pathology notification sent): “There is a swelling in the retina in the back of (the right/the left/both) eye(s), called macular edema. This swelling can cause a decrease in vision. It is recommended that you make an appointment with an eye doctor (ophthalmologist).”
 - o Macular edema, not clinically significant (pathology notification sent): “There is a swelling in the retina in the back of (the right/the left/both) eye(s), called macular edema. This swelling can cause a decrease in vision. If you have not already done so, it is recommended that you make an appointment with an eye doctor (ophthalmologist) as soon as possible.”
 - o Clinically significant macular edema: “There is a swelling in the retina in the back of (the right/the left/both) eye(s), called macular edema. This swelling can cause a decrease in vision. If you have not already done so, it is strongly recommended that you make an appointment with an eye doctor (ophthalmologist) as soon as possible.”
- . Branch/Central Vein Occlusion
 - o Branch/Central Vein Occlusion present (no pathology notification sent) “There appears to be a blockage or an occlusion of a small retinal blood vessel in the back of (your right/your left/both) eye(s). This blockage may have happened a while ago. No further evaluation is required.”
 - o Branch/Central Vein Occlusion present (early pathology notification sent) “There appears to be a blockage or an occlusion of a small retinal blood vessel in the back of (your right/your left/both) eye(s). If you have not already done so, it is recommended that you make an appointment with an eye doctor (ophthalmologist).”
 - o Branch/Central Vein Occlusion present (immediate pathology notification sent) “There appears to be a blockage or an occlusion of a small retinal blood vessel in the back of (your right/your left/both) eye(s). If you have not already done so, it is strongly recommended that you make an appointment with an eye doctor (ophthalmologist) as soon as possible.”
- . Hollenhorst Plaque
 - o Hollenhorst plaque present “We found a piece of cholesterol (fatty deposit) lodged in the small retinal blood vessels in the back of (your right/your left/both) eye(s) suggesting the possibility of changes in the carotid artery in your neck. If you have not already done so, it is recommended that you make an appointment with an eye doctor (ophthalmologist) as soon as possible.”
- . Nevus
 - o Nevus present (no pathology notification sent) “A choroidal nevus, a small mole, like a birthmark, was found in the back of (your right/your left/ both) eye (s). This should be watched periodically by your eye doctor (ophthalmologist). “
 - o Nevus present (no pathology notification sent) “A choroidal nevus, a small mole, like a birthmark, was found in the back of (your right/your left/ both) eye (s). This nevus had an unusual appearance. If you have not already done so, you should make an appointment with an eye doctor (ophthalmologist) as soon as possible.”
- . Macular Hole
 - o Macular hole present (no pathology notification sent) “There is a small hole in the central part of the retina (the macula) in (the right/the left/both) eye(s). A macular hole can cause a decrease in vision. The cause of macular holes is unknown. It is recommended that you make an appointment with an eye doctor (ophthalmologist).”
 - o Macular hole present (pathology notification sent) “There is a small hole in the central part of the retina (the macula) in (the right/the left/both) eye(s). A macular hole can cause a decrease in vision. The cause of macular holes is unknown. If you have not already done so, it is recommended that you make an appointment with an eye doctor (ophthalmologist).”
- . Large Cup to Disc Ratio
 - o Large cup to disc ratio ≥ 0.7 (pathology notification sent) “The optic nerve (the main nerve going into the eye) in (the right/the left/both) eye(s) has changes that suggest glaucoma may be present. If you are not currently being followed by an eye doctor (ophthalmologist), it is recommended that you make an appointment.”
- . Surface Wrinkling Retinopathy/Epiretinal Membrane

o Surface wrinkling retinopathy-traction is present (no pathology notification sent) “There is a clear layer or membrane present in the center of the retina in (the right/the left/both) eye(s) that may be pulling on the retina and may be causing a decrease in vision. If you have noticed a change in your vision, it is recommended that you make an appointment with an eye doctor (ophthalmologist).”

o Surface wrinkling retinopathy-traction is present (pathology notification sent) “There is a clear layer or membrane present in the center of the retina in (the right/the left/both) eye(s) that is be pulling on the retina and may be causing a decrease in vision. If you have not already done so, it is strongly recommended that you make an appointment with an eye doctor (ophthalmologist) as soon as possible.”

Oral Glucose Tolerance Test (OGTT)

Public Health Objectives: Diabetes mellitus will be assessed by fasting measures of plasma glucose and an oral glucose tolerance test in examinees ages 12 years and over.

Diabetes is a large, growing, and costly public health problem in the United States and disproportionately affects racial and ethnic minorities. About 17 million Americans have diabetes and over 1 million new cases of diabetes are diagnosed each year. Diabetes is the leading cause of kidney failure, non-traumatic lower extremity amputation, and blindness in working-age adults, and an estimated \$135 billion were spent on direct and indirect medical costs for diabetes in 2002. Alarming, type 2 diabetes (formerly considered an adult disease) is now being diagnosed in children and adolescents and there has been a large increase in diagnosed diabetes among adults less than 40 years of age.

The inclusion of OGTTs on NHANES will allow estimation of the prevalence of IGT and, thus, pre-diabetes in the U.S. population, surveillance of trends in the prevalence and awareness of these conditions, study of the risk factors for IGT and pre-diabetes, and examination of IGT as a risk factor for health conditions and mortality. Timely data on IGT and pre-diabetes are particularly important as the nation initiates efforts to prevent diabetes among persons with pre-diabetes. These data on IGT and pre-diabetes are critical to targeting, designing, and evaluating prevention efforts, such as DHHS's STEPS program and efforts by the National Diabetes Education Program.

Staff:

- . Phlebotomist
- . Medical Technologist
- . MEC Interviewer – administers Trutol

Protocol:

- . **Method:**
 - . A fasting glucose blood test is performed on all participants 12 years and older who are examined in the morning session after a 9-hour fast. After the venipuncture, participants are asked to drink 75 milligrams of Trutol® and to have a second venipuncture 2 hours (plus or minus 15 minutes) after the first venipuncture.
- . **Time Allotment:**
 - . Depending on age, 5-10 minutes.
- . **Health Measures**
 - . Determine a national estimate of diabetes disease prevalence (diagnosed and undiagnosed)
 - . Identify the risk factors of diabetes disease;
- . **Eligibility:**
 - . Only sample participants aged 12 years or more are eligible
- . **Exclusion Criteria for Blood Draw:**
 - . hemophilia
 - . receiving cancer chemotherapy
- . **Additional Exclusions for the OGTT:**
 - . taking oral medications for diabetes
 - . on insulin
 - . pregnant
 - . or if they have not fasted 9 hours
- . **Risks/Benefits:**
 - . There are minimal risks associated with this procedure. The package label for Trutol® lists the following rare but known adverse reactions: nausea, vomiting, abdominal bloating and headache. In addition, there is a rare incidence of hypoglycemia. The risks

- associated with venipuncture include excessive bleeding, fainting/feeling lightheaded, hematoma, infection, and multiple punctures to identify veins. Participants eligible for OGTT will have to endure
- o Management of adverse reactions
Board certified physicians are members of the NHANES exam team. If an adverse reaction occurs, a staff member will ask the physician to evaluate the participant and provide basic medical support. The physicians are prepared to refer participants to their own physician, community clinics, or the emergency room. MEC staff is certified in American Heart Association Basic Life Support. Emergency procedure drills are conducted twice a year.

Report of Findings

- o Findings from the NHANES OGTT component will be provided in the Final Report of Findings sent to participants 12-16 weeks after the examination. Abnormal results will be reported to participants as soon as possible. For any early reporting of fasting glucose and two-hour glucose results the Medical Officer will send a letter to the participant within 24 hours of receiving the results. Participants in the morning examination session get plasma glucose reported if the fasting level is ≥ 126 (if fasting 9 hrs) or ≥ 200 (if fasting <9 hrs).

Oral Health

Public Health Objectives: NHANES is critical for monitoring oral health status, risk factors for disease, and access to preventive and treatment services. This component will address public health significance in areas of surveillance, prevention, health promotion/disease prevention, health policy, evaluation of Federal health programs, standardization of new methods, and health and nutrition status of minorities and underserved populations. The Basic Screening Exam (BSE) will collect information on untreated caries, dental restorations, and dental sealants during the data collection cycle.

Oral health data from NHANES will be used for:

- . Assessing the prevalence of major oral health diseases and conditions including dental caries and edentulism.
- . Assessing dental caries prevention efforts
- . Evaluating specific public health programs/new policies and initiatives
- . Targeting minority/underserved populations for monitoring of health status
- . Evaluating 5 Healthy People 2010 objectives related to oral health

Staff:

Health Technician/Technologist (HT)

Protocol: The oral health screening consists largely of visual examination with a limited questionnaire. The assessments are conducted using a disposable dental mirror.

Time Allotment:

Depending on age, 2-4 minutes.

Health Measures and Eligibility:

Only sample participants aged 5 years or more are eligible for one or more parts of the exam. The following oral health subcomponents for the examination component and the age groups of interest in parentheses are:

- o Denture Questionnaire (25 years and older);
- o Tooth Count (5 years and older);
- o Oral Health BSE (5 years and older);
- o Functional Occlusal Contacts Exam (25 years and older); and
- o Report of Findings (5 years and older)

Exclusion Criteria:

None.

Justification for using vulnerable populations:

- o Minors are included in this component because they are an important target population group. Oral health findings are linked to other household interview and health component data and are used to track changes that occur in health over time.
- o There is no reason to exclude mentally impaired or handicapped individuals because there is no contraindication.

Risks:

- o **Minimal risk – including possible discomfort:**

There will be no exposure to radiation (no x-rays), hazardous material (no use of mercury) and no use of anesthetic agents.

Special precautions:

- o None.

Report of Findings:

All participants will receive general results about oral health assessment. The results will be provided in the Preliminary Report of Findings given to the participant at the conclusion of the examination and in the Final Report of Findings.

The dental examination of the National Health and Nutrition Examination Survey is not, and is not intended to be, a substitute for the examination usually given to persons seeking care from their own dentists.

Neither a dental history nor x-rays are taken, and therefore the findings are solely the result of what can be seen at the time of the examination.

MEC levels of referral:

- . If there are no findings, the following text will be printed:
 - o Level 1: Referral Code “N” “...after inspecting your (your child’s) teeth, we did not find anything requiring immediate attention. However, our inspection is not a diagnosis and you should continue visiting your dentist on a regular basis, as recommended.”
- . If there is at least one untreated decay lesion, the following text will be printed:
 - o Level 2: Referral Code “Y” “...after inspecting your (your child’s) teeth, we found that you (your child) may need dental care. However, our inspection is not a diagnosis. Therefore, you should make an appointment with your dentist within the next 1-2 weeks to have a detailed examination, diagnosis, and treatment.”

Physical Activity Monitor (PAM) Component

Public Health Objectives: The primary objective of the component is to assess intensity and duration of physical activity levels of U.S. children and adults. *The U.S. Surgeon General’s Report on Physical Activity and Health* reported that more than 60 percent of Americans do not engage in regular physical activity and that 25 percent do not engage in any activity. The report reaffirmed the importance of regular moderate or vigorous-intensity activity. Until now, it has been difficult to assess actual physical activity levels in freelifing populations because the cost and complexity of performing the monitoring tasks required to obtain this information were prohibitive. Physical activity data on children, particularly children in the 6-11 year age group are lacking. Proxy information on physical activity levels among youth are not useful because children spend large amounts of time away from home and they also engage in sporadic periods of activity that are difficult to document, let alone quantify. Activity monitors provide a reliable, objective, and accurate method to assess the intensity and duration of physical activity levels in children and adults.

Staff: A trained health or medical technician initializes the activity monitors in the mobile examination center (MEC).

Protocol: Examined persons are asked to wear the monitor for 7 days during normal waking hours. The monitors are not waterproof and must be removed prior to swimming or bathing. The monitor is worn on a flexible waist belt and can be removed easily. After 7 days of wear, participants return the monitor by mail in a postage-paid envelope. Respondents receive \$40 remuneration for returning their monitors.

Eligibility: Ambulatory subjects 6 years of age and over are asked to wear activity monitors.

Time Requirement: It takes approximately three (3) minutes to explain the component, initialize the monitor to record information, and fit the monitor belt on each subject.

Device: The ActiGraph (formerly MTI/CSA) Model 7164 accelerometer manufactured by ActiGraph, Ft. Walton Beach, FL is used. Devices are calibrated prior to use in the study. The device is worn on an elastic waist belt over the right hip (underneath clothing).

Report of findings: There is no report of findings for this component.

Physician's Exam

Public Health Objectives:

High blood pressure is a marker for the chronic condition hypertension, which is a major risk factor for premature cardiovascular, cerebrovascular, renovascular and other vascular diseases. Standardized blood pressure measurements will be used to monitor prevalence of hypertension.

Staff:

Licensed physician

Protocol:

Methods:

- Pulse: the examining physician will determine a 30 second resting pulse rate.
- Blood pressure: three systolic/diastolic BP measurements will be taken following a strict protocol.
- Cardiovascular exclusion screening questions will be asked by physician (see Cardiovascular Fitness)
- Pre-test counseling for STD/HIV testing. Physician will discuss the STD/HIV testing and assure the confidentiality of information collected. Physician will explain to the participants how they are to get their test results and will ask them to provide a password which will be used at the time of reporting results. Physician will answer any questions the participants may have about the STD or HIV testing. Attachment 34 is a brochure with information about STDs to be used by the physician.

Time Allotment:

Depends on age of sample person. Range 2-13 minutes.

Health Measures:

Blood pressure

- Pulse (bpm)

- Systolic blood pressure (mmHg)
- Diastolic blood pressure (mmHg)

Eligibility:

Sample persons who do not meet the exclusion criteria Pulse: 2 months and older
Blood pressure: 8 years and older Cardiovascular fitness screening: 12-49
years STD/HIV counseling: 14-49 years of age

Exclusion Criteria:

- Blood pressure - presence of the following on both arms: rashes, gauze dressings, casts, edema, paralysis, tubes, open sores or wounds, withered arms, a-v shunts, or if blood has been drawn from arm within last week.
- Blood pressure cuff too small to fit on arm

Justification for using vulnerable populations:

- Minors are included in the pulse and blood pressure assessment because of the relevance and impact of high blood pressure in this age group.
- Mentally impaired individuals will not be excluded from the physician's exam because there is no contraindication; however the person's guardian will receive the report of findings and facilitate any referral if necessary.

Risks:

Minimal risk. Transient discomfort during blood pressure measurement.

Special precautions:

None.

Report of findings:

- MEC Pulse and Blood Pressure - Adult Level 1: Systolic BP ≥ 210 and/or diastolic BP ≥ 120 ; Pulse > 140 bpm Level 2: $140 < \text{Systolic BP} < 210$ and/or $90 \leq \text{diastolic BP} < 120$ Level 3: Systolic < 140 and diastolic < 90 .

Text in MEC report is as follows:

Optimal Normal Acceptable Systolic bp <value>
< 120 < 130 < 140 Diastolic bp <value> < 80 < 85 < 90

Resting pulse rate (all ages) <value>

Your blood pressure today is insert statement from table below

Systolic Diastolic Statement

< 130 < 85 within the normal range 130-139 85-90 normal but at the high end of the normal range 140-159 90-99 mildly high 160-179 100-109 moderately high 180-209 110-119 very high >210 >120 severely high

From the Sixth Report of the Joint National Committee on Detection, Evaluation, and Treatment of High Blood Pressure

Children's BP levels reported as normal, high normal, high, and very high based on criteria established by the following manuscript: National High Blood Pressure Education Program Working Group on Hypertension Control in Children and Adolescents. Update on the 1987

Task Force Report on High Blood Pressure in Children and Adolescents: A Working Group Report from the National High Blood Pressure Education Program. *Pediatrics*. 1996;111:649-658.

- NCHS STD/HIV - Toll free phone line for participant to call for results Level 1: None Level 2: Positive results for chlamydia, gonorrhea, Herpes type 2 or HIV. Participants will be counseled by health educator and referred for care. List of STD/HIV treatment sites will be obtained in advance for each stand and be made available for participants Level 3: Negative results for chlamydia, gonorrhea, Herpes type 2 and HIV.

Vision

Public Health Objectives: Eye diseases cause suffering, disability and loss of productivity for millions of people in the United States. In economic terms, eye disease and blindness are estimated to cost the U.S. in excess of \$22 billion each year. No high-quality, up-to-date information exists on the prevalence of visual impairment and the major causes of visual impairment in the general population. These data are needed in planning health services, in monitoring changes in disease prevalence, in research program planning, in developing and testing hypotheses about eye disease etiology.

Data collected over 20 years ago in the NHANES I (self-reported history questions and full vision examination with dilation) continue to be the only source of national prevalence data on eye disease and visual acuity impairment and there are no data on visual field impairment. Changes in disease definitions, population demographics, diagnostic capabilities, and treatments for eye diseases make it important to obtain new national data about eye disease. The absence of such data has forced researchers to use blindness registry data that are almost 25 years old. These studies select mostly white populations or non-nationally representative populations.

The ophthalmic data from NHANES will be used to: 1) measure the prevalence of visual acuity impairment in the U.S. population (visual acuity worse than 20/40), by cause; 2) measure the distribution of refractive error in the U.S. population; 3) evaluate screening strategies for visual impairment and eye disease; and 4) evaluate functional impairment related to vision.

Staff:

Health technician (MEC)

Protocol:

Methods:

Best corrective vision Visual acuity is measured with an autorefractor. The examinee puts his/her chin on the chin rest and focuses on a chart with numbers and letters in the autorefractor screen. Examinee is then asked to sequentially read the largest to smallest possible line on a built-in chart in the autorefractor. The technician isolates the smallest line read by the examinee with 1 error. With the examinee's eye focused on the line, the autorefractor quickly takes three repeated measurements, which is also known as objective refraction. These three auto-retinoscopy measurements, their average, and other measurements from the objective refraction are saved in a database. If required, these readings are further fine tuned to obtain best visual acuity based on objective

refraction readings. Data from completed examinations are transferred to the ISIS and saved in a database.

Current Prescription The Lensmeter reads the current prescription of the eyeglass. This data is transferred to the autorefractor and later saved in the ISIS database to compare the current correction with the best corrective vision obtained from the auto-refractor.

Near visual acuity For the near visual acuity, older examinees are asked to read five lines of numbers and letters written on the near acuity card at the comfortable distance and this distance is measured and saved in the ISIS database.

Time Allotment: Depends on age and vision of sample person. Range 7-8 minutes. **Health**

Measures: The ophthalmic data from NHANES will be used to: 1) measure the prevalence of visual acuity impairment in the U.S. population (visual acuity worse than 20/40), by cause; 2) measure the distribution of refractive error in the U.S. population; 3) evaluate screening strategies for visual impairment and eye disease; and 4) evaluate functional impairment related to vision.

Eligibility: All sample persons aged 12+ years will have the refraction exam for the best corrective vision. Visual acuity assessment using the near card will be performed only on persons 50 years and over.

Exclusion Criteria:

Any evidence of injury (eye patch or bandage) or severe infection (i.e., purulent discharge with redness in eye) in both eyes.

Justification for using vulnerable populations:

- In recent years, myopia has been rapidly increasing in the U.S., especially among young adults and impaired vision is a major cause of motor vehicle accidents among older persons.
- Minors are included in this component because they are an important target population group. Visual acuity will be linked to other household interview and health component data and are used to monitor trends for impairment.
- Mentally impaired individuals will be tested if they can follow instructions.

Risks:

None. No mydriatic or anesthetic agents will be used

Report of Findings:

- MEC:
 - Level 1: None
 - Level 2: None
 - Level 3: Visual acuity with recommendation

Text in MEC report is as follows:

We have done a quick check of your vision today. Our exam is not as precise as an eye exam done by an eye doctor. These values may differ from a vision exam you may have

by an ophthalmologist, optometrist or optician

For vision 20/25 or better in both eyes with their current correction (either no correction, distance glasses and/or contact lenses):

Your distance vision is 20/___ in your right eye and 20/___ in your left eye with _____. This is a good level of vision. You should continue your usual schedule of periodic examinations by your eye doctor.

For vision worse than 20/25 in either eye with their current correction (either no correction, distance glasses and/or contact lenses) :

Your distance vision is 20/___ in your right eye and 20/___ in your left eye with _____. This level of vision is not as good as most people's. If you were not already aware of this, you should see an eye doctor to see if he/she can improve your vision. Your eye doctor can also provide you with a full eye examination.

NHANES 2005-2006 Examination Variable List
April 2009

Item #	Data File	Component	Item ID	Label
1	AUX_D	Audiometry	SEQN	Respondent sequence number
2	AUX_D	Audiometry	AUAEXSTS	Status of an Audio Exam
3	AUX_D	Audiometry	AUAEXCMT	Comment code for an Audio Exam
4	AUX_D	Audiometry	AUQ010	Have Ear Tube, Right or Left Ear?
5	AUX_D	Audiometry	AUQ020	Had Cold, Sinus or Earache Last 24 Hrs?
6	AUX_D	Audiometry	AUQ020A	Had Cold Last 24 Hrs?
7	AUX_D	Audiometry	AUQ020B	Had Sinus Problem Last 24 Hours?
8	AUX_D	Audiometry	AUQ020C	Earache Last 24 Hours, Right?
9	AUX_D	Audiometry	AUQ020D	Earache Last 24 Hours, Left?
10	AUX_D	Audiometry	AUQ020E	Earache Last 24 Hours, Both?
11	AUX_D	Audiometry	AUQ030	Exposed Loud Noise/Music Last 24 Hrs?
12	AUX_D	Audiometry	AUQ040	Hours Since Noise/Music Ended?
13	AUX_D	Audiometry	AUQ050	Self Reported Better Ear
14	AUX_D	Audiometry	AUXOTSPL	Normal Otoscopy, Left Ear?
15	AUX_D	Audiometry	AUXLOEXC	Excessive Cerumen, Left Ear
16	AUX_D	Audiometry	AUXLOIMC	Impacted Cerumen, Left Ear
17	AUX_D	Audiometry	AUXLOCOL	Collapsing Ear Canals, Left Ear
18	AUX_D	Audiometry	AUXLOABN	Other Exam Abnormality, Left Ear?
19	AUX_D	Audiometry	AUDLOABC	Comment Other Ear Exam Abnormality Left
20	AUX_D	Audiometry	AUXROTSP	Normal Otoscopy, Right Ear?
21	AUX_D	Audiometry	AUXROEXC	Excessive Cerumen, Right Ear
22	AUX_D	Audiometry	AUXROIMC	Impacted Cerumen, Right Ear
23	AUX_D	Audiometry	AUXROCOL	Collapsing Ear Canals, Right Ear

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Item #	Data File	Component	Item ID	Label
24	AUX_D	Audiometry	AUXROABN	Other Exam Abnormality, Right Ear?
25	AUX_D	Audiometry	AUDROABC	Comment Other Ear Exam Abnormality Right
26	AUX_D	Audiometry	AUXTMEPR	Middle Ear Pressure-Tymp, Rt Ear in daPa
27	AUX_D	Audiometry	AUXTPVR	Physical Volume-Tymp, Right Ear in cc
28	AUX_D	Audiometry	AUXTWIDR	Tympanometric width, right ear
29	AUX_D	Audiometry	AUXTCOMR	Compliance (tympanometry), right ear
30	AUX_D	Audiometry	AUXTMEPL	Middle Ear Pressure, Tymp, Left in daPa
31	AUX_D	Audiometry	AUXTPVL	Physical Volume-Tymp, Left ear in cc
32	AUX_D	Audiometry	AUXTWIDL	Tympanometric width, left ear
33	AUX_D	Audiometry	AUXTCOML	Compliance (tympanometry), left ear
34	AUX_D	Audiometry	AUAEAR	Which ear tested first?
35	AUX_D	Audiometry	AUAMODE	Audio Test Mode- Manual/Automatic/Mixed
36	AUX_D	Audiometry	AUAFMANL	Frequency, Switch to Manual Mode, Left
37	AUX_D	Audiometry	AUAFMANR	Frequency, Switch to Manual Mode, Right
38	AUX_D	Audiometry	AUXU1K1R	Right threshold @ 1000Hz (db)
39	AUX_D	Audiometry	AUXU500R	Right threshold @ 500Hz (db)
40	AUX_D	Audiometry	AUXU1K2R	Right Threshold @ 1000Hz-2nd Read (db)
41	AUX_D	Audiometry	AUXU2KR	Right threshold @ 2000Hz (db)
42	AUX_D	Audiometry	AUXU3KR	Right threshold @ 3000Hz (db)
43	AUX_D	Audiometry	AUXU4KR	Right threshold @ 4000Hz (db)

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Item #	Data File	Component	Item ID	Label
44	AUX_D	Audiometry	AUXU6KR	Right threshold @ 6000Hz (db)
45	AUX_D	Audiometry	AUXU8KR	Right threshold @ 8000Hz (db)
46	AUX_D	Audiometry	AUXU1K1L	Left threshold @ 1000Hz (db)
47	AUX_D	Audiometry	AUXU500L	Left threshold @ 500Hz (db)
48	AUX_D	Audiometry	AUXU1K2L	Left threshold @ 1000Hz-2nd Read (db)
49	AUX_D	Audiometry	AUXU2KL	Left threshold @ 2000Hz (db)
50	AUX_D	Audiometry	AUXU3KL	Left threshold @ 3000Hz (db)
51	AUX_D	Audiometry	AUXU4KL	Left threshold @ 4000Hz (db)
52	AUX_D	Audiometry	AUXU6KL	Left threshold @ 6000Hz (db)
53	AUX_D	Audiometry	AUXU8KL	Left threshold @ 8000Hz (db)
54	AUX_D	Audiometry	AUXR1K1R	Right retest threshold @ 1000Hz (db)
55	AUX_D	Audiometry	AUXR5CR	Right retest threshold @ 500Hz (db)
56	AUX_D	Audiometry	AUXR1K2R	Right Retest Threshold 1000Hz-2nd Read
57	AUX_D	Audiometry	AUXR2KR	Right retest threshold @ 2000Hz (db)
58	AUX_D	Audiometry	AUXR3KR	Right retest threshold @ 3000Hz (db)
59	AUX_D	Audiometry	AUXR4KR	Right retest threshold @ 4000Hz (db)
60	AUX_D	Audiometry	AUXR6KR	Right retest threshold @ 6000Hz (db)
61	AUX_D	Audiometry	AUXR8KR	Right retest threshold @ 8000Hz (db)
62	AUX_D	Audiometry	AUXR1K1L	Left retest threshold @ 1000Hz (db)
63	AUX_D	Audiometry	AUXR5CL	Left retest threshold @ 500Hz (db)
64	AUX_D	Audiometry	AUXR1K2L	Left Retest Threshold 1000Hz-2nd Read
65	AUX_D	Audiometry	AUXR2KL	Left retest threshold @ 2000Hz (db)
66	AUX_D	Audiometry	AUXR3KL	Left retest threshold @ 3000Hz (db)

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Item #	Data File	Component	Item ID	Label
67	AUX_D	Audiometry	AUXR4KL	Left retest threshold @ 4000Hz (db)
68	AUX_D	Audiometry	AUXR6KL	Left retest threshold @ 6000Hz (db)
69	AUX_D	Audiometry	AUXR8KL	Left retest threshold @ 8000Hz (db)
70	AUX_D	Audiometry	AUAREQC	Right Ear Tympanogram Quality Code
71	AUX_D	Audiometry	AUALEQC	Left Ear Tympanogram Quality Code
72	AUXTYM_D	Audiometry - Tympanometry	SEQN	Respondent sequence number
73	AUXTYM_D	Audiometry - Tympanometry	AUDTYR01	Tympanometry-Right Ear, Measurement 1
74	AUXTYM_D	Audiometry - Tympanometry	AUDTYR02	Tympanometry-Right Ear, Measurement 2
75	AUXTYM_D	Audiometry - Tympanometry	AUDTYR03	Tympanometry-Right Ear, Measurement 3
76	AUXTYM_D	Audiometry - Tympanometry	AUDTYR04	Tympanometry-Right Ear, Measurement 4
77	AUXTYM_D	Audiometry - Tympanometry	AUDTYR05	Tympanometry-Right Ear, Measurement 5
78	AUXTYM_D	Audiometry - Tympanometry	AUDTYR06	Tympanometry-Right Ear, Measurement 6
79	AUXTYM_D	Audiometry - Tympanometry	AUDTYR07	Tympanometry-Right Ear, Measurement 7
80	AUXTYM_D	Audiometry - Tympanometry	AUDTYR08	Tympanometry-Right Ear, Measurement 8
81	AUXTYM_D	Audiometry - Tympanometry	AUDTYR09	Tympanometry-Right Ear, Measurement 9
82	AUXTYM_D	Audiometry - Tympanometry	AUDTYR10	Tympanometry-Right Ear, Measurement 10
83	AUXTYM_D	Audiometry - Tympanometry	AUDTYR11	Tympanometry-Right Ear, Measurement 11

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Item #	Data File	Component	Item ID	Label
84	AUXTYM_D	Audiometry - Tympanometry	AUDTYR12	Tympanometry-Right Ear, Measurement 12
85	AUXTYM_D	Audiometry - Tympanometry	AUDTYR13	Tympanometry-Right Ear, Measurement 13
86	AUXTYM_D	Audiometry - Tympanometry	AUDTYR14	Tympanometry-Right Ear, Measurement 14
87	AUXTYM_D	Audiometry - Tympanometry	AUDTYR15	Tympanometry-Right Ear, Measurement 15
88	AUXTYM_D	Audiometry - Tympanometry	AUDTYR16	Tympanometry-Right Ear, Measurement 16
89	AUXTYM_D	Audiometry - Tympanometry	AUDTYR17	Tympanometry-Right Ear, Measurement 17
90	AUXTYM_D	Audiometry - Tympanometry	AUDTYR18	Tympanometry-Right Ear, Measurement 18
91	AUXTYM_D	Audiometry - Tympanometry	AUDTYR19	Tympanometry-Right Ear, Measurement 19
92	AUXTYM_D	Audiometry - Tympanometry	AUDTYR20	Tympanometry-Right Ear, Measurement 20
93	AUXTYM_D	Audiometry - Tympanometry	AUDTYR21	Tympanometry-Right Ear, Measurement 21
94	AUXTYM_D	Audiometry - Tympanometry	AUDTYR22	Tympanometry-Right Ear, Measurement 22
95	AUXTYM_D	Audiometry - Tympanometry	AUDTYR23	Tympanometry-Right Ear, Measurement 23
96	AUXTYM_D	Audiometry - Tympanometry	AUDTYR24	Tympanometry-Right Ear, Measurement 24
97	AUXTYM_D	Audiometry - Tympanometry	AUDTYR25	Tympanometry-Right Ear, Measurement 25
98	AUXTYM_D	Audiometry - Tympanometry	AUDTYR26	Tympanometry-Right Ear,

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Item #	Data File	Component	Item ID	Label
				Measurement 26
99	AUXTYM_D	Audiometry - Tympanometry	AUDTYR27	Tympanometry-Right Ear, Measurement 27
100	AUXTYM_D	Audiometry - Tympanometry	AUDTYR28	Tympanometry-Right Ear, Measurement 28
101	AUXTYM_D	Audiometry - Tympanometry	AUDTYR29	Tympanometry-Right Ear, Measurement 29
102	AUXTYM_D	Audiometry - Tympanometry	AUDTYR30	Tympanometry-Right Ear, Measurement 30
103	AUXTYM_D	Audiometry - Tympanometry	AUDTYR31	Tympanometry-Right Ear, Measurement 31
104	AUXTYM_D	Audiometry - Tympanometry	AUDTYR32	Tympanometry-Right Ear, Measurement 32
105	AUXTYM_D	Audiometry - Tympanometry	AUDTYR33	Tympanometry-Right Ear, Measurement 33
106	AUXTYM_D	Audiometry - Tympanometry	AUDTYR34	Tympanometry-Right Ear, Measurement 34
107	AUXTYM_D	Audiometry - Tympanometry	AUDTYR35	Tympanometry-Right Ear, Measurement 35
108	AUXTYM_D	Audiometry - Tympanometry	AUDTYR36	Tympanometry-Right Ear, Measurement 36
109	AUXTYM_D	Audiometry - Tympanometry	AUDTYR37	Tympanometry-Right Ear, Measurement 37
110	AUXTYM_D	Audiometry - Tympanometry	AUDTYR38	Tympanometry-Right Ear, Measurement 38
111	AUXTYM_D	Audiometry - Tympanometry	AUDTYR39	Tympanometry-Right Ear, Measurement 39
112	AUXTYM_D	Audiometry - Tympanometry	AUDTYR40	Tympanometry-Right Ear, Measurement 40

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Item #	Data File	Component	Item ID	Label
113	AUXTYM_D	Audiometry - Tympanometry	AUDTYR41	Tympanometry-Right Ear, Measurement 41
114	AUXTYM_D	Audiometry - Tympanometry	AUDTYR42	Tympanometry-Right Ear, Measurement 42
115	AUXTYM_D	Audiometry - Tympanometry	AUDTYR43	Tympanometry-Right Ear, Measurement 43
116	AUXTYM_D	Audiometry - Tympanometry	AUDTYR44	Tympanometry-Right Ear, Measurement 44
117	AUXTYM_D	Audiometry - Tympanometry	AUDTYR45	Tympanometry-Right Ear, Measurement 45
118	AUXTYM_D	Audiometry - Tympanometry	AUDTYR46	Tympanometry-Right Ear, Measurement 46
119	AUXTYM_D	Audiometry - Tympanometry	AUDTYR47	Tympanometry-Right Ear, Measurement 47
120	AUXTYM_D	Audiometry - Tympanometry	AUDTYR48	Tympanometry-Right Ear, Measurement 48
121	AUXTYM_D	Audiometry - Tympanometry	AUDTYR49	Tympanometry-Right Ear, Measurement 49
122	AUXTYM_D	Audiometry - Tympanometry	AUDTYR50	Tympanometry-Right Ear, Measurement 50
123	AUXTYM_D	Audiometry - Tympanometry	AUDTYR51	Tympanometry-Right Ear, Measurement 51
124	AUXTYM_D	Audiometry - Tympanometry	AUDTYR52	Tympanometry-Right Ear, Measurement 52
125	AUXTYM_D	Audiometry - Tympanometry	AUDTYR53	Tympanometry-Right Ear, Measurement 53
126	AUXTYM_D	Audiometry - Tympanometry	AUDTYR54	Tympanometry-Right Ear, Measurement 54
127	AUXTYM_D	Audiometry - Tympanometry	AUDTYR55	Tympanometry-Right Ear,

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Item #	Data File	Component	Item ID	Label
				Measurement 55
128	AUXTYM_D	Audiometry - Tympanometry	AUDTYR56	Tympanometry-Right Ear, Measurement 56
129	AUXTYM_D	Audiometry - Tympanometry	AUDTYR57	Tympanometry-Right Ear, Measurement 57
130	AUXTYM_D	Audiometry - Tympanometry	AUDTYR58	Tympanometry-Right Ear, Measurement 58
131	AUXTYM_D	Audiometry - Tympanometry	AUDTYR59	Tympanometry-Right Ear, Measurement 59
132	AUXTYM_D	Audiometry - Tympanometry	AUDTYR60	Tympanometry-Right Ear, Measurement 60
133	AUXTYM_D	Audiometry - Tympanometry	AUDTYR61	Tympanometry-Right Ear, Measurement 61
134	AUXTYM_D	Audiometry - Tympanometry	AUDTYR62	Tympanometry-Right Ear, Measurement 62
135	AUXTYM_D	Audiometry - Tympanometry	AUDTYR63	Tympanometry-Right Ear, Measurement 63
136	AUXTYM_D	Audiometry - Tympanometry	AUDTYR64	Tympanometry-Right Ear, Measurement 64
137	AUXTYM_D	Audiometry - Tympanometry	AUDTYR65	Tympanometry-Right Ear, Measurement 65
138	AUXTYM_D	Audiometry - Tympanometry	AUDTYR66	Tympanometry-Right Ear, Measurement 66
139	AUXTYM_D	Audiometry - Tympanometry	AUDTYR67	Tympanometry-Right Ear, Measurement 67
140	AUXTYM_D	Audiometry - Tympanometry	AUDTYR68	Tympanometry-Right Ear, Measurement 68
141	AUXTYM_D	Audiometry - Tympanometry	AUDTYR69	Tympanometry-Right Ear, Measurement 69

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Item #	Data File	Component	Item ID	Label
142	AUXTYM_D	Audiometry - Tympanometry	AUDTYR70	Tympanometry-Right Ear, Measurement 70
143	AUXTYM_D	Audiometry - Tympanometry	AUDTYR71	Tympanometry-Right Ear, Measurement 71
144	AUXTYM_D	Audiometry - Tympanometry	AUDTYR72	Tympanometry-Right Ear, Measurement 72
145	AUXTYM_D	Audiometry - Tympanometry	AUDTYR73	Tympanometry-Right Ear, Measurement 73
146	AUXTYM_D	Audiometry - Tympanometry	AUDTYR74	Tympanometry-Right Ear, Measurement 74
147	AUXTYM_D	Audiometry - Tympanometry	AUDTYR75	Tympanometry-Right Ear, Measurement 75
148	AUXTYM_D	Audiometry - Tympanometry	AUDTYR76	Tympanometry-Right Ear, Measurement 76
149	AUXTYM_D	Audiometry - Tympanometry	AUDTYR77	Tympanometry-Right Ear, Measurement 77
150	AUXTYM_D	Audiometry - Tympanometry	AUDTYR78	Tympanometry-Right Ear, Measurement 78
151	AUXTYM_D	Audiometry - Tympanometry	AUDTYR79	Tympanometry-Right Ear, Measurement 79
152	AUXTYM_D	Audiometry - Tympanometry	AUDTYR80	Tympanometry-Right Ear, Measurement 80
153	AUXTYM_D	Audiometry - Tympanometry	AUDTYR81	Tympanometry-Right Ear, Measurement 81
154	AUXTYM_D	Audiometry - Tympanometry	AUDTYR82	Tympanometry-Right Ear, Measurement 82
155	AUXTYM_D	Audiometry - Tympanometry	AUDTYR83	Tympanometry-Right Ear, Measurement 83
156	AUXTYM_D	Audiometry - Tympanometry	AUDTYR84	Tympanometry-Right Ear,

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Item #	Data File	Component	Item ID	Label
				Measurement 84
157	AUXTYM_D	Audiometry - Tympanometry	AUDTYL01	Tympanometry-Left Ear, Measurement 1
158	AUXTYM_D	Audiometry - Tympanometry	AUDTYL02	Tympanometry-Left Ear, Measurement 2
159	AUXTYM_D	Audiometry - Tympanometry	AUDTYL03	Tympanometry-Left Ear, Measurement 3
160	AUXTYM_D	Audiometry - Tympanometry	AUDTYL04	Tympanometry-Left Ear, Measurement 4
161	AUXTYM_D	Audiometry - Tympanometry	AUDTYL05	Tympanometry-Left Ear, Measurement 5
162	AUXTYM_D	Audiometry - Tympanometry	AUDTYL06	Tympanometry-Left Ear, Measurement 6
163	AUXTYM_D	Audiometry - Tympanometry	AUDTYL07	Tympanometry-Left Ear, Measurement 7
164	AUXTYM_D	Audiometry - Tympanometry	AUDTYL08	Tympanometry-Left Ear, Measurement 8
165	AUXTYM_D	Audiometry - Tympanometry	AUDTYL09	Tympanometry-Left Ear, Measurement 9
166	AUXTYM_D	Audiometry - Tympanometry	AUDTYL10	Tympanometry-Left Ear, Measurement 10
167	AUXTYM_D	Audiometry - Tympanometry	AUDTYL11	Tympanometry-Left Ear, Measurement 11
168	AUXTYM_D	Audiometry - Tympanometry	AUDTYL12	Tympanometry-Left Ear, Measurement 12
169	AUXTYM_D	Audiometry - Tympanometry	AUDTYL13	Tympanometry-Left Ear, Measurement 13
170	AUXTYM_D	Audiometry - Tympanometry	AUDTYL14	Tympanometry-Left Ear, Measurement 14

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Item #	Data File	Component	Item ID	Label
171	AUXTYM_D	Audiometry - Tympanometry	AUDTYL15	Tympanometry-Left Ear, Measurement 15
172	AUXTYM_D	Audiometry - Tympanometry	AUDTYL16	Tympanometry-Left Ear, Measurement 16
173	AUXTYM_D	Audiometry - Tympanometry	AUDTYL17	Tympanometry-Left Ear, Measurement 17
174	AUXTYM_D	Audiometry - Tympanometry	AUDTYL18	Tympanometry-Left Ear, Measurement 18
175	AUXTYM_D	Audiometry - Tympanometry	AUDTYL19	Tympanometry-Left Ear, Measurement 19
176	AUXTYM_D	Audiometry - Tympanometry	AUDTYL20	Tympanometry-Left Ear, Measurement 20
177	AUXTYM_D	Audiometry - Tympanometry	AUDTYL21	Tympanometry-Left Ear, Measurement 21
178	AUXTYM_D	Audiometry - Tympanometry	AUDTYL22	Tympanometry-Left Ear, Measurement 22
179	AUXTYM_D	Audiometry - Tympanometry	AUDTYL23	Tympanometry-Left Ear, Measurement 23
180	AUXTYM_D	Audiometry - Tympanometry	AUDTYL24	Tympanometry-Left Ear, Measurement 24
181	AUXTYM_D	Audiometry - Tympanometry	AUDTYL25	Tympanometry-Left Ear, Measurement 25
182	AUXTYM_D	Audiometry - Tympanometry	AUDTYL26	Tympanometry-Left Ear, Measurement 26
183	AUXTYM_D	Audiometry - Tympanometry	AUDTYL27	Tympanometry-Left Ear, Measurement 27
184	AUXTYM_D	Audiometry - Tympanometry	AUDTYL28	Tympanometry-Left Ear, Measurement 28
185	AUXTYM_D	Audiometry - Tympanometry	AUDTYL29	Tympanometry-Left Ear, Measurement

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Item #	Data File	Component	Item ID	Label
				29
186	AUXTYM_D	Audiometry - Tympanometry	AUDTYL30	Tympanometry-Left Ear, Measurement 30
187	AUXTYM_D	Audiometry - Tympanometry	AUDTYL31	Tympanometry-Left Ear, Measurement 31
188	AUXTYM_D	Audiometry - Tympanometry	AUDTYL32	Tympanometry-Left Ear, Measurement 32
189	AUXTYM_D	Audiometry - Tympanometry	AUDTYL33	Tympanometry-Left Ear, Measurement 33
190	AUXTYM_D	Audiometry - Tympanometry	AUDTYL34	Tympanometry-Left Ear, Measurement 34
191	AUXTYM_D	Audiometry - Tympanometry	AUDTYL35	Tympanometry-Left Ear, Measurement 35
192	AUXTYM_D	Audiometry - Tympanometry	AUDTYL36	Tympanometry-Left Ear, Measurement 36
193	AUXTYM_D	Audiometry - Tympanometry	AUDTYL37	Tympanometry-Left Ear, Measurement 37
194	AUXTYM_D	Audiometry - Tympanometry	AUDTYL38	Tympanometry-Left Ear, Measurement 38
195	AUXTYM_D	Audiometry - Tympanometry	AUDTYL39	Tympanometry-Left Ear, Measurement 39
196	AUXTYM_D	Audiometry - Tympanometry	AUDTYL40	Tympanometry-Left Ear, Measurement 40
197	AUXTYM_D	Audiometry - Tympanometry	AUDTYL41	Tympanometry-Left Ear, Measurement 41
198	AUXTYM_D	Audiometry - Tympanometry	AUDTYL42	Tympanometry-Left Ear, Measurement 42
199	AUXTYM_D	Audiometry - Tympanometry	AUDTYL43	Tympanometry-Left Ear, Measurement 43

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Item #	Data File	Component	Item ID	Label
200	AUXTYM_D	Audiometry - Tympanometry	AUDTYL44	Tympanometry-Left Ear, Measurement 44
201	AUXTYM_D	Audiometry - Tympanometry	AUDTYL45	Tympanometry-Left Ear, Measurement 45
202	AUXTYM_D	Audiometry - Tympanometry	AUDTYL46	Tympanometry-Left Ear, Measurement 46
203	AUXTYM_D	Audiometry - Tympanometry	AUDTYL47	Tympanometry-Left Ear, Measurement 47
204	AUXTYM_D	Audiometry - Tympanometry	AUDTYL48	Tympanometry-Left Ear, Measurement 48
205	AUXTYM_D	Audiometry - Tympanometry	AUDTYL49	Tympanometry-Left Ear, Measurement 49
206	AUXTYM_D	Audiometry - Tympanometry	AUDTYL50	Tympanometry-Left Ear, Measurement 50
207	AUXTYM_D	Audiometry - Tympanometry	AUDTYL51	Tympanometry-Left Ear, Measurement 51
208	AUXTYM_D	Audiometry - Tympanometry	AUDTYL52	Tympanometry-Left Ear, Measurement 52
209	AUXTYM_D	Audiometry - Tympanometry	AUDTYL53	Tympanometry-Left Ear, Measurement 53
210	AUXTYM_D	Audiometry - Tympanometry	AUDTYL54	Tympanometry-Left Ear, Measurement 54
211	AUXTYM_D	Audiometry - Tympanometry	AUDTYL55	Tympanometry-Left Ear, Measurement 55
212	AUXTYM_D	Audiometry - Tympanometry	AUDTYL56	Tympanometry-Left Ear, Measurement 56
213	AUXTYM_D	Audiometry - Tympanometry	AUDTYL57	Tympanometry-Left Ear, Measurement 57
214	AUXTYM_D	Audiometry - Tympanometry	AUDTYL58	Tympanometry-Left Ear, Measurement

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Item #	Data File	Component	Item ID	Label
				58
215	AUXTYM_D	Audiometry - Tympanometry	AUDTYL59	Tympanometry-Left Ear, Measurement 59
216	AUXTYM_D	Audiometry - Tympanometry	AUDTYL60	Tympanometry-Left Ear, Measurement 60
217	AUXTYM_D	Audiometry - Tympanometry	AUDTYL61	Tympanometry-Left Ear, Measurement 61
218	AUXTYM_D	Audiometry - Tympanometry	AUDTYL62	Tympanometry-Left Ear, Measurement 62
219	AUXTYM_D	Audiometry - Tympanometry	AUDTYL63	Tympanometry-Left Ear, Measurement 63
220	AUXTYM_D	Audiometry - Tympanometry	AUDTYL64	Tympanometry-Left Ear, Measurement 64
221	AUXTYM_D	Audiometry - Tympanometry	AUDTYL65	Tympanometry-Left Ear, Measurement 65
222	AUXTYM_D	Audiometry - Tympanometry	AUDTYL66	Tympanometry-Left Ear, Measurement 66
223	AUXTYM_D	Audiometry - Tympanometry	AUDTYL67	Tympanometry-Left Ear, Measurement 67
224	AUXTYM_D	Audiometry - Tympanometry	AUDTYL68	Tympanometry-Left Ear, Measurement 68
225	AUXTYM_D	Audiometry - Tympanometry	AUDTYL69	Tympanometry-Left Ear, Measurement 69
226	AUXTYM_D	Audiometry - Tympanometry	AUDTYL70	Tympanometry-Left Ear, Measurement 70
227	AUXTYM_D	Audiometry - Tympanometry	AUDTYL71	Tympanometry-Left Ear, Measurement 71
228	AUXTYM_D	Audiometry - Tympanometry	AUDTYL72	Tympanometry-Left Ear, Measurement 72

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Item #	Data File	Component	Item ID	Label
229	AUXTYM_D	Audiometry - Tympanometry	AUDTYL73	Tympanometry-Left Ear, Measurement 73
230	AUXTYM_D	Audiometry - Tympanometry	AUDTYL74	Tympanometry-Left Ear, Measurement 74
231	AUXTYM_D	Audiometry - Tympanometry	AUDTYL75	Tympanometry-Left Ear, Measurement 75
232	AUXTYM_D	Audiometry - Tympanometry	AUDTYL76	Tympanometry-Left Ear, Measurement 76
233	AUXTYM_D	Audiometry - Tympanometry	AUDTYL77	Tympanometry-Left Ear, Measurement 77
234	AUXTYM_D	Audiometry - Tympanometry	AUDTYL78	Tympanometry-Left Ear, Measurement 78
235	AUXTYM_D	Audiometry - Tympanometry	AUDTYL79	Tympanometry-Left Ear, Measurement 79
236	AUXTYM_D	Audiometry - Tympanometry	AUDTYL80	Tympanometry-Left Ear, Measurement 80
237	AUXTYM_D	Audiometry - Tympanometry	AUDTYL81	Tympanometry-Left Ear, Measurement 81
238	AUXTYM_D	Audiometry - Tympanometry	AUDTYL82	Tympanometry-Left Ear, Measurement 82
239	AUXTYM_D	Audiometry - Tympanometry	AUDTYL83	Tympanometry-Left Ear, Measurement 83
240	AUXTYM_D	Audiometry - Tympanometry	AUDTYL84	Tympanometry-Left Ear, Measurement 84
241	BMX_D	Body Measurements	SEQN	Respondent sequence number
242	BMX_D	Body Measurements	BMDSTATS	Body Measures Component Status Code
243	BMX_D	Body Measurements	BMXWT	Weight (kg)
244	BMX_D	Body Measurements	BMIWT	Weight Comment

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Item #	Data File	Component	Item ID	Label
245	BMX_D	Body Measurements	BMXRECUM	Recumbent Length (cm)
246	BMX_D	Body Measurements	BMIRECUM	Recumbent Length Comment
247	BMX_D	Body Measurements	BMXHEAD	Head Circumference (cm)
248	BMX_D	Body Measurements	BMIHEAD	Head Circumference Comment
249	BMX_D	Body Measurements	BMXHT	Standing Height (cm)
250	BMX_D	Body Measurements	BMIHT	Standing Height Comment
251	BMX_D	Body Measurements	BMXBMI	Body Mass Index (kg/m**2)
252	BMX_D	Body Measurements	BMXLEG	Upper Leg Length (cm)
253	BMX_D	Body Measurements	BMILEG	Upper Leg Length Comment
254	BMX_D	Body Measurements	BMXCALF	Maximal Calf Circumference (cm)
255	BMX_D	Body Measurements	BMICALF	Maximal Calf Comment
256	BMX_D	Body Measurements	BMXARML	Upper Arm Length (cm)
257	BMX_D	Body Measurements	BMIARML	Upper Arm Length Comment
258	BMX_D	Body Measurements	BMXARMC	Arm Circumference (cm)
259	BMX_D	Body Measurements	BMIARMC	Arm Circumference Comment
260	BMX_D	Body Measurements	BMXWAIST	Waist Circumference (cm)
261	BMX_D	Body Measurements	BMIWAIST	Waist Circumference Comment
262	BMX_D	Body Measurements	BMXTHICR	Thigh Circumference (cm)
263	BMX_D	Body Measurements	BMITHICR	Thigh Circumference Comment
264	BMX_D	Body Measurements	BMXTRI	Triceps Skinfold (mm)
265	BMX_D	Body Measurements	BMITRI	Triceps Skinfold Comment
266	BMX_D	Body Measurements	BMXSUB	Subscapular Skinfold (mm)
267	BMX_D	Body Measurements	BMISUB	Subscapular Skinfold Comment
268	BPX_D	Blood Pressure	SEQN	Respondent sequence number
269	BPX_D	Blood Pressure	PEASCST1	Blood Pressure Status

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Item #	Data File	Component	Item ID	Label
270	BPX_D	Blood Pressure	PEASCTM1	Blood Pressure Time in Seconds
271	BPX_D	Blood Pressure	PEASCCT1	Blood Pressure Comment
272	BPX_D	Blood Pressure	BPXCHR	60 sec HR (30 sec HR * 2)
273	BPX_D	Blood Pressure	BPQ150A	Had food in the past 30 minutes?
274	BPX_D	Blood Pressure	BPQ150B	Had alcohol in the past 30 minutes?
275	BPX_D	Blood Pressure	BPQ150C	Had coffee in the past 30 minutes?
276	BPX_D	Blood Pressure	BPQ150D	Had cigarettes in the past 30 minutes?
277	BPX_D	Blood Pressure	BPAARM	Arm selected:
278	BPX_D	Blood Pressure	BPACSZ	Coded cuff size
279	BPX_D	Blood Pressure	BPXPLS	60 sec. pulse (30 sec. pulse * 2):
280	BPX_D	Blood Pressure	BPXDB	# of dropped beats in 30 seconds
281	BPX_D	Blood Pressure	BPXPULS	Pulse regular or irregular?
282	BPX_D	Blood Pressure	BPXPTY	Pulse type:
283	BPX_D	Blood Pressure	BPXML1	MIL: maximum inflation levels (mm Hg)
284	BPX_D	Blood Pressure	BPXSY1	Systolic: Blood pres (1st rdg) mm Hg
285	BPX_D	Blood Pressure	BPXDI1	Diastolic: Blood pres (1st rdg) mm Hg
286	BPX_D	Blood Pressure	BPAEN1	Enhancement used first reading
287	BPX_D	Blood Pressure	BPXSY2	Systolic: Blood pres (2nd rdg) mm Hg
288	BPX_D	Blood Pressure	BPXDI2	Diastolic: Blood pres (2nd rdg) mm Hg
289	BPX_D	Blood Pressure	BPAEN2	Enhancement used second reading
290	BPX_D	Blood Pressure	BPXSY3	Systolic: Blood pres (3rd rdg) mm Hg
291	BPX_D	Blood Pressure	BPXDI3	Diastolic: Blood pres (3rd rdg) mm Hg
292	BPX_D	Blood Pressure	BPAEN3	Enhancement used third reading
293	BPX_D	Blood Pressure	BPXSY4	Systolic: Blood pres (4th rdg) mm Hg
294	BPX_D	Blood Pressure	BPXDI4	Diastolic: Blood pres (4th rdg) mm Hg

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Item #	Data File	Component	Item ID	Label
295	BPX_D	Blood Pressure	BPAEN4	Enhancement used fourth reading
296	DR1IFF_D	Dietary Interview - Individual Foods, First Day	SEQN	Respondent sequence number
297	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ILINE	Food/Individual component number
298	DR1IFF_D	Dietary Interview - Individual Foods, First Day	WTDRD1	Dietary day one sample weight
299	DR1IFF_D	Dietary Interview - Individual Foods, First Day	WTDR2D	Dietary two-day sample weight
300	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1DRSTZ	Dietary recall status
301	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1EXMER	Interviewer ID code
302	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DRABF	Breast-fed infant (either day)
303	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DRDINT	Number of days of intake
304	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1DAY	Intake day of the week
305	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1LANG	Language respondent used mostly
306	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1CCMNM	Combination food number
307	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1CCMTX	Combination food type
308	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1_020	Time of eating occasion (HH:MM)
309	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1_030Z	Name of eating occasion

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Item #	Data File	Component	Item ID	Label
310	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1FS	Source of food
311	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1_040Z	Did you eat this meal at home?
312	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IFDCD	USDA food code
313	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1MC	Modification code
314	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IGRMS	Grams
315	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IKCAL	Energy (kcal)
316	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IPROT	Protein (gm)
317	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ICARB	Carbohydrate (gm)
318	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ISUGR	Total sugars (gm)
319	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IFIBE	Dietary fiber (gm)
320	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ITFAT	Total fat (gm)
321	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ISFAT	Total saturated fatty acids (gm)
322	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IMFAT	Total monounsaturated fatty acids (gm)
323	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IPFAT	Total polyunsaturated fatty acids (gm)
324	DR1IFF_D	Dietary Interview - Individual Foods,	DR1ICHOL	Cholesterol (mg)

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Item #	Data File	Component	Item ID	Label
		First Day		
325	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IATOC	Vitamin E as alpha-tocopherol (mg)
326	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IATOA	Added alpha-tocopherol (Vitamin E) (mg)
327	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IRET	Retinol (mcg)
328	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IVARA	Vitamin A, RAE (mcg)
329	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IACAR	Alpha-carotene (mcg)
330	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IBCAR	Beta-carotene (mcg)
331	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ICRYP	Beta-cryptoxanthin (mcg)
332	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ILYCO	Lycopene (mcg)
333	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ILZ	Lutein + zeaxanthin (mcg)
334	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IVB1	Thiamin (Vitamin B1) (mg)
335	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IVB2	Riboflavin (Vitamin B2) (mg)
336	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1INIAC	Niacin (mg)
337	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IVB6	Vitamin B6 (mg)
338	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IFOLA	Total folate (mcg)

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Item #	Data File	Component	Item ID	Label
339	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IFA	Folic acid (mcg)
340	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IFF	Food folate (mcg)
341	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IFDFE	Folate, DFE (mcg)
342	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ICHL	Total choline (mg)
343	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IVB12	Vitamin B12 (mcg)
344	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IB12A	Added vitamin B12 (mcg)
345	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IVC	Vitamin C (mg)
346	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IVK	Vitamin K (mcg)
347	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ICALC	Calcium (mg)
348	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IPHOS	Phosphorus (mg)
349	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IMAGN	Magnesium (mg)
350	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IIRON	Iron (mg)
351	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IZINC	Zinc (mg)
352	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ICOPP	Copper (mg)
353	DR1IFF_D	Dietary Interview - Individual Foods,	DR1ISODI	Sodium (mg)

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Item #	Data File	Component	Item ID	Label
		First Day		
354	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IPOTA	Potassium (mg)
355	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ISELE	Selenium (mcg)
356	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ICAFF	Caffeine (mg)
357	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1ITHEO	Theobromine (mg)
358	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IALCO	Alcohol (gm)
359	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IMOIS	Moisture (gm)
360	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS040	SFA 4:0 (Butanoic) (gm)
361	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS060	SFA 6:0 (Hexanoic) (gm)
362	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS080	SFA 8:0 (Octanoic) (gm)
363	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS100	SFA 10:0 (Decanoic) (gm)
364	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS120	SFA 12:0 (Dodecanoic) (gm)
365	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS140	SFA 14:0 (Tetradecanoic) (gm)
366	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS160	SFA 16:0 (Hexadecanoic) (gm)
367	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IS180	SFA 18:0 (Octadecanoic) (gm)

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Item #	Data File	Component	Item ID	Label
368	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IM161	MFA 16:1 (Hexadecenoic) (gm)
369	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IM181	MFA 18:1 (Octadecenoic) (gm)
370	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IM201	MFA 20:1 (Eicosenoic) (gm)
371	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IM221	MFA 22:1 (Docosenoic) (gm)
372	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IP182	PFA 18:2 (Octadecadienoic) (gm)
373	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IP183	PFA 18:3 (Octadecatrienoic) (gm)
374	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IP184	PFA 18:4 (Octadecatetraenoic) (gm)
375	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IP204	PFA 20:4 (Eicosatetraenoic) (gm)
376	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IP205	PFA 20:5 (Eicosapentaenoic) (gm)
377	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IP225	PFA 22:5 (Docosapentaenoic) (gm)
378	DR1IFF_D	Dietary Interview - Individual Foods, First Day	DR1IP226	PFA 22:6 (Docosahexaenoic) (gm)
379	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	SEQN	Respondent sequence number
380	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	WTDRD1	Dietary day one sample weight
381	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	WTDR2D	Dietary two-day sample weight
382	DR1TOT_D	Dietary Interview - Total Nutrient	DR1DRSTZ	Dietary recall status

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Item #	Data File	Component	Item ID	Label
		Intakes, First Day		
383	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1EXMER	Interviewer ID code
384	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRABF	Breast-fed infant (either day)
385	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRDINT	Number of days of intake
386	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1DAY	Intake day of the week
387	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1LANG	Language respondent used mostly
388	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1MNRSP	Main respondent for this interview
389	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1HELPD	Helped in responding for this interview
390	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DBQ095Z	Type of table salt used
391	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DBD100	How often add salt to food at table
392	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSPREP	Salt used in preparation?
393	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDIET	On special diet?
394	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT1	Weight loss/Low cal/Low carb/Hi pro diet
395	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT2	Low fat/Low cholesterol diet
396	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT3	Low salt/Low sodium diet

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Item #	Data File	Component	Item ID	Label
397	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT4	Sugar free/Low sugar diet
398	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT5	Low fiber diet
399	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT6	High fiber diet
400	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT7	Diabetic diet
401	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT8	Weight gain/Muscle building diet
402	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRQSDT91	Other special diet
403	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TNUMF	Number of foods reported
404	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TKCAL	Energy (kcal)
405	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TPROT	Protein (gm)
406	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TCARB	Carbohydrate (gm)
407	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TSUGR	Total sugars (gm)
408	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TFIBE	Dietary fiber (gm)
409	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TTFAT	Total fat (gm)
410	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TSFAT	Total saturated fatty acids (gm)
411	DR1TOT_D	Dietary Interview - Total Nutrient	DR1TMFAT	Total monounsaturated fatty acids

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Item #	Data File	Component	Item ID	Label
		Intakes, First Day		(gm)
412	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TPFAT	Total polyunsaturated fatty acids (gm)
413	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TCHOL	Cholesterol (mg)
414	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TATOC	Vitamin E as alpha-tocopherol (mg)
415	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TATOA	Added alpha-tocopherol (Vitamin E) (mg)
416	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TRET	Retinol (mcg)
417	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TVARA	Vitamin A, RAE (mcg)
418	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TACAR	Alpha-carotene (mcg)
419	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TBCAR	Beta-carotene (mcg)
420	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TCRYP	Beta-cryptoxanthin (mcg)
421	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TLYCO	Lycopene (mcg)
422	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TLZ	Lutein + zeaxanthin (mcg)
423	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TVB1	Thiamin (Vitamin B1) (mg)
424	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TVB2	Riboflavin (Vitamin B2) (mg)
425	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TNIAC	Niacin (mg)

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Item #	Data File	Component	Item ID	Label
426	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TVB6	Vitamin B6 (mg)
427	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TFOLA	Total folate (mcg)
428	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TFA	Folic acid (mcg)
429	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TFF	Food folate (mcg)
430	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TFDFE	Folate, DFE (mcg)
431	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TCHL	Total choline (mg)
432	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TVB12	Vitamin B12 (mcg)
433	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TB12A	Added vitamin B12 (mcg)
434	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TVC	Vitamin C (mg)
435	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TVK	Vitamin K (mcg)
436	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TCALC	Calcium (mg)
437	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TPHOS	Phosphorus (mg)
438	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TMAGN	Magnesium (mg)
439	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TIRON	Iron (mg)
440	DR1TOT_D	Dietary Interview - Total Nutrient	DR1TZINC	Zinc (mg)

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Item #	Data File	Component	Item ID	Label
		Intakes, First Day		
441	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TCOPP	Copper (mg)
442	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TSODI	Sodium (mg)
443	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TPOTA	Potassium (mg)
444	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TSELE	Selenium (mcg)
445	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TCAFF	Caffeine (mg)
446	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TTHEO	Theobromine (mg)
447	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TALCO	Alcohol (gm)
448	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TMOIS	Moisture (gm)
449	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS040	SFA 4:0 (Butanoic) (gm)
450	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS060	SFA 6:0 (Hexanoic) (gm)
451	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS080	SFA 8:0 (Octanoic) (gm)
452	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS100	SFA 10:0 (Decanoic) (gm)
453	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS120	SFA 12:0 (Dodecanoic) (gm)
454	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS140	SFA 14:0 (Tetradecanoic) (gm)

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Item #	Data File	Component	Item ID	Label
455	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS160	SFA 16:0 (Hexadecanoic) (gm)
456	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TS180	SFA 18:0 (Octadecanoic) (gm)
457	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TM161	MFA 16:1 (Hexadecenoic) (gm)
458	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TM181	MFA 18:1 (Octadecenoic) (gm)
459	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TM201	MFA 20:1 (Eicosenoic) (gm)
460	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TM221	MFA 22:1 (Docosenoic) (gm)
461	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TP182	PFA 18:2 (Octadecadienoic) (gm)
462	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TP183	PFA 18:3 (Octadecatrienoic) (gm)
463	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TP184	PFA 18:4 (Octadecatetraenoic) (gm)
464	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TP204	PFA 20:4 (Eicosatetraenoic) (gm)
465	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TP205	PFA 20:5 (Eicosapentaenoic) (gm)
466	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TP225	PFA 22:5 (Docosapentaenoic) (gm)
467	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TP226	PFA 22:6 (Docosahexaenoic) (gm)
468	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1_300	Compare food consumed yesterday to usual
469	DR1TOT_D	Dietary Interview - Total Nutrient	DR1_320Z	Total plain water drank yesterday (gm)

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Item #	Data File	Component	Item ID	Label
		Intakes, First Day		
470	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1_330Z	Total tap water drank yesterday (gm)
471	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1BWATZ	Total bottled water drank yesterday (gm)
472	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DR1TWS	Tap water source
473	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD340	Shellfish eaten during past 30 days
474	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350A	Clams eaten during past 30 days
475	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350AQ	# of times clams eaten in past 30 days
476	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350B	Crabs eaten during past 30 days
477	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350BQ	# of times crabs eaten in past 30 days
478	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350C	Crayfish eaten during past 30 days
479	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350CQ	# of times crayfish eaten past 30 days
480	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350D	Lobsters eaten during past 30 days
481	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350DQ	# of times lobsters eaten past 30 days
482	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350E	Mussels eaten during past 30 days
483	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350EQ	# of times mussels eaten in past 30 days

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Item #	Data File	Component	Item ID	Label
484	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350F	Oysters eaten during past 30 days
485	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350FQ	# of times oysters eaten in past 30 days
486	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350G	Scallops eaten during past 30 days
487	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350GQ	# of times scallops eaten past 30 days
488	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350H	Shrimp eaten during past 30 days
489	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350HQ	# of times shrimp eaten in past 30 days
490	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350I	Other shellfish eaten past 30 days
491	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350IQ	# of times other shellfish eaten
492	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350J	Other unknown shellfish eaten past 30 d
493	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350JQ	# of times other unknown shellfish eaten
494	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD350K	Refused on shellfish eaten past 30 days
495	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD360	Fish eaten during past 30 days
496	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370A	Breaded fish products eaten past 30 days
497	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370AQ	# of times breaded fish products eaten
498	DR1TOT_D	Dietary Interview - Total Nutrient	DRD370B	Tuna eaten during past 30 days

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Item #	Data File	Component	Item ID	Label
		Intakes, First Day		
499	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370BQ	# of times tuna eaten in past 30 days
500	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370C	Bass eaten during past 30 days
501	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370CQ	# of times bass eaten in past 30 days
502	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370D	Catfish eaten during past 30 days
503	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370DQ	# of times catfish eaten in past 30 days
504	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370E	Cod eaten during past 30 days
505	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370EQ	# of times cod eaten in past 30 days
506	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370F	Flatfish eaten during past 30 days
507	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370FQ	# of times flatfish eaten past 30 days
508	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370G	Haddock eaten during past 30 days
509	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370GQ	# of times haddock eaten in past 30 days
510	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370H	Mackerel eaten during past 30 days
511	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370HQ	# of times mackerel eaten past 30 days
512	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370I	Perch eaten during past 30 days

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Item #	Data File	Component	Item ID	Label
513	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370IQ	# of times perch eaten in past 30 days
514	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370J	Pike eaten during past 30 days
515	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370JQ	# of times pike eaten in past 30 days
516	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370K	Pollock eaten during past 30 days
517	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370KQ	# of times pollock eaten in past 30 days
518	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370L	Porgy eaten during past 30 days
519	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370LQ	# of times porgy eaten in past 30 days
520	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370M	Salmon eaten during past 30 days
521	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370MQ	# of times salmon eaten in past 30 days
522	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370N	Sardines eaten during past 30 days
523	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370NQ	# of times sardines eaten past 30 days
524	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370O	Sea bass eaten during past 30 days
525	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370OQ	# of times sea bass eaten past 30 days
526	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370P	Shark eaten during past 30 days
527	DR1TOT_D	Dietary Interview - Total Nutrient	DRD370PQ	# of times shark eaten in past 30 days

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Item #	Data File	Component	Item ID	Label
		Intakes, First Day		
528	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370Q	Swordfish eaten during past 30 days
529	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370QQ	# of times swordfish eaten past 30 days
530	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370R	Trout eaten during past 30 days
531	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370RQ	# of times trout eaten in past 30 days
532	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370S	Walleye eaten during past 30 days
533	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370SQ	# of times walleye eaten in past 30 days
534	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370T	Other fish eaten during past 30 days
535	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370TQ	# of times other fish eaten past 30 days
536	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370U	Other unknown fish eaten in past 30 days
537	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370UQ	# of times other unknown fish eaten
538	DR1TOT_D	Dietary Interview - Total Nutrient Intakes, First Day	DRD370V	Refused on fish eaten past 30 days
539	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	SEQN	Respondent sequence number
540	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ILINE	Food/Individual component number
541	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	WTDRD1	Dietary day one sample weight

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Item #	Data File	Component	Item ID	Label
542	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	WTDR2D	Dietary two-day sample weight
543	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2DRSTZ	Dietary recall status
544	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2EXMER	Interviewer ID code
545	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DRABF	Breast-fed infant (either day)
546	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DRDINT	Number of days of intake
547	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2DAY	Intake day of the week
548	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2LANG	Language respondent used mostly
549	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2CCMNM	Combination food number
550	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2CCMTX	Combination food type
551	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2_020	Time of eating occasion (HH:MM)
552	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2_030Z	Name of eating occasion
553	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2FS	Source of food
554	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2_040Z	Did you eat this meal at home?
555	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IFDCD	USDA food code
556	DR2IFF_D	Dietary Interview - Individual Foods,	DR2MC	Modification code

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Item #	Data File	Component	Item ID	Label
		Second Day		
557	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IGRMS	Grams
558	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IKCAL	Energy (kcal)
559	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IPROT	Protein (gm)
560	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ICARB	Carbohydrate (gm)
561	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ISUGR	Total sugars (gm)
562	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IFIBE	Dietary fiber (gm)
563	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ITFAT	Total fat (gm)
564	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ISFAT	Total saturated fatty acids (gm)
565	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IMFAT	Total monounsaturated fatty acids (gm)
566	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IPFAT	Total polyunsaturated fatty acids (gm)
567	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ICHOL	Cholesterol (mg)
568	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IATOC	Vitamin E as alpha-tocopherol (mg)
569	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IATOA	Added alpha-tocopherol (Vitamin E) (mg)
570	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IRET	Retinol (mcg)

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Item #	Data File	Component	Item ID	Label
571	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IVARA	Vitamin A, RAE (mcg)
572	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IACAR	Alpha-carotene (mcg)
573	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IBCAR	Beta-carotene (mcg)
574	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ICRYP	Beta-cryptoxanthin (mcg)
575	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ILYCO	Lycopene (mcg)
576	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ILZ	Lutein + zeaxanthin (mcg)
577	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IVB1	Thiamin (Vitamin B1) (mg)
578	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IVB2	Riboflavin (Vitamin B2) (mg)
579	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2INIAC	Niacin (mg)
580	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IVB6	Vitamin B6 (mg)
581	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IFOLA	Total folate (mcg)
582	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IFA	Folic acid (mcg)
583	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IFF	Food folate (mcg)
584	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IFDFE	Folate, DFE (mcg)
585	DR2IFF_D	Dietary Interview - Individual Foods,	DR2ICHL	Total choline (mg)

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Item #	Data File	Component	Item ID	Label
		Second Day		
586	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IVB12	Vitamin B12 (mcg)
587	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IB12A	Added vitamin B12 (mcg)
588	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IVC	Vitamin C (mg)
589	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IVK	Vitamin K (mcg)
590	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ICALC	Calcium (mg)
591	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IPHOS	Phosphorus (mg)
592	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IMAGN	Magnesium (mg)
593	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IIRON	Iron (mg)
594	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IZINC	Zinc (mg)
595	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ICOPP	Copper (mg)
596	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ISODI	Sodium (mg)
597	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IPOTA	Potassium (mg)
598	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ISELE	Selenium (mcg)
599	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ICAFF	Caffeine (mg)

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Item #	Data File	Component	Item ID	Label
600	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2ITHEO	Theobromine (mg)
601	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IALCO	Alcohol (gm)
602	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IMOIS	Moisture (gm)
603	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS040	SFA 4:0 (Butanoic) (gm)
604	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS060	SFA 6:0 (Hexanoic) (gm)
605	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS080	SFA 8:0 (Octanoic) (gm)
606	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS100	SFA 10:0 (Decanoic) (gm)
607	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS120	SFA 12:0 (Dodecanoic) (gm)
608	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS140	SFA 14:0 (Tetradecanoic) (gm)
609	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS160	SFA 16:0 (Hexadecanoic) (gm)
610	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IS180	SFA 18:0 (Octadecanoic) (gm)
611	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IM161	MFA 16:1 (Hexadecenoic) (gm)
612	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IM181	MFA 18:1 (Octadecenoic) (gm)
613	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IM201	MFA 20:1 (Eicosenoic) (gm)
614	DR2IFF_D	Dietary Interview - Individual Foods,	DR2IM221	MFA 22:1 (Docosenoic) (gm)

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Item #	Data File	Component	Item ID	Label
		Second Day		
615	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IP182	PFA 18:2 (Octadecadienoic) (gm)
616	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IP183	PFA 18:3 (Octadecatrienoic) (gm)
617	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IP184	PFA 18:4 (Octadecatetraenoic) (gm)
618	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IP204	PFA 20:4 (Eicosatetraenoic) (gm)
619	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IP205	PFA 20:5 (Eicosapentaenoic) (gm)
620	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IP225	PFA 22:5 (Docosapentaenoic) (gm)
621	DR2IFF_D	Dietary Interview - Individual Foods, Second Day	DR2IP226	PFA 22:6 (Docosahexaenoic) (gm)
622	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	SEQN	Respondent sequence number
623	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	WTDRD1	Dietary day one sample weight
624	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	WTDR2D	Dietary two-day sample weight
625	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2DRSTZ	Dietary recall status
626	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2EXMER	Interviewer ID code
627	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DRABF	Breast-fed infant (either day)
628	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DRDINT	Number of days of intake

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Item #	Data File	Component	Item ID	Label
629	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2DAY	Intake day of the week
630	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2LANG	Language respondent used mostly
631	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2MNRSP	Main respondent for this interview
632	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2HELPD	Helped in responding for this interview
633	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TNUMF	Number of foods reported
634	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TKCAL	Energy (kcal)
635	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TPROT	Protein (gm)
636	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TCARB	Carbohydrate (gm)
637	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TSUGR	Total sugars (gm)
638	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TFIBE	Dietary fiber (gm)
639	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TTFAT	Total fat (gm)
640	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TSFAT	Total saturated fatty acids (gm)
641	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TMFAT	Total monounsaturated fatty acids (gm)
642	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TPFAT	Total polyunsaturated fatty acids (gm)
643	DR2TOT_D	Dietary Interview - Total Nutrient	DR2TCHOL	Cholesterol (mg)

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Item #	Data File	Component	Item ID	Label
		Intakes, Second Day		
644	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TATOC	Vitamin E as alpha-tocopherol (mg)
645	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TATOA	Added alpha-tocopherol (Vitamin E) (mg)
646	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TRET	Retinol (mcg)
647	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TVARA	Vitamin A, RAE (mcg)
648	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TACAR	Alpha-carotene (mcg)
649	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TBCAR	Beta-carotene (mcg)
650	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TCRYP	Beta-cryptoxanthin (mcg)
651	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TLYCO	Lycopene (mcg)
652	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TLZ	Lutein + zeaxanthin (mcg)
653	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TVB1	Thiamin (Vitamin B1) (mg)
654	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TVB2	Riboflavin (Vitamin B2) (mg)
655	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TNIAC	Niacin (mg)
656	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TVB6	Vitamin B6 (mg)
657	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TFOLA	Total folate (mcg)

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Item #	Data File	Component	Item ID	Label
658	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TFA	Folic acid (mcg)
659	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TFF	Food folate (mcg)
660	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TFDFE	Folate, DFE (mcg)
661	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TCHL	Total choline (mg)
662	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TVB12	Vitamin B12 (mcg)
663	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TB12A	Added vitamin B12 (mcg)
664	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TVC	Vitamin C (mg)
665	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TVK	Vitamin K (mcg)
666	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TCALC	Calcium (mg)
667	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TPHOS	Phosphorus (mg)
668	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TMAGN	Magnesium (mg)
669	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TIRON	Iron (mg)
670	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TZINC	Zinc (mg)
671	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TCOPP	Copper (mg)
672	DR2TOT_D	Dietary Interview - Total Nutrient	DR2TSODI	Sodium (mg)

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Item #	Data File	Component	Item ID	Label
		Intakes, Second Day		
673	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TPOTA	Potassium (mg)
674	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TSELE	Selenium (mcg)
675	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TCAFF	Caffeine (mg)
676	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TTHEO	Theobromine (mg)
677	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TALCO	Alcohol (gm)
678	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TMOIS	Moisture (gm)
679	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS040	SFA 4:0 (Butanoic) (gm)
680	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS060	SFA 6:0 (Hexanoic) (gm)
681	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS080	SFA 8:0 (Octanoic) (gm)
682	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS100	SFA 10:0 (Decanoic) (gm)
683	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS120	SFA 12:0 (Dodecanoic) (gm)
684	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS140	SFA 14:0 (Tetradecanoic) (gm)
685	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS160	SFA 16:0 (Hexadecanoic) (gm)
686	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TS180	SFA 18:0 (Octadecanoic) (gm)

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Item #	Data File	Component	Item ID	Label
687	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TM161	MFA 16:1 (Hexadecenoic) (gm)
688	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TM181	MFA 18:1 (Octadecenoic) (gm)
689	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TM201	MFA 20:1 (Eicosenoic) (gm)
690	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TM221	MFA 22:1 (Docosenoic) (gm)
691	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TP182	PFA 18:2 (Octadecadienoic) (gm)
692	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TP183	PFA 18:3 (Octadecatrienoic) (gm)
693	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TP184	PFA 18:4 (Octadecatetraenoic) (gm)
694	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TP204	PFA 20:4 (Eicosatetraenoic) (gm)
695	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TP205	PFA 20:5 (Eicosapentaenoic) (gm)
696	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TP225	PFA 22:5 (Docosapentaenoic) (gm)
697	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TP226	PFA 22:6 (Docosahexaenoic) (gm)
698	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2_300	Compare food consumed yesterday to usual
699	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2_320Z	Total plain water drank yesterday (gm)
700	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2_330Z	Total tap water drank yesterday (gm)
701	DR2TOT_D	Dietary Interview - Total Nutrient	DR2BWATZ	Total bottled water drank yesterday

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Item #	Data File	Component	Item ID	Label
		Intakes, Second Day		(gm)
702	DR2TOT_D	Dietary Interview - Total Nutrient Intakes, Second Day	DR2TWS	Tap water source
703	DXXFEM_D	DXA - Femur Bone Measurements	SEQN	Respondent sequence number
704	DXXFEM_D	DXA - Femur Bone Measurements	DXAFMRST	Femur scan status
705	DXXFEM_D	DXA - Femur Bone Measurements	DXXFMBCC	Total femur BMD invalidity code
706	DXXFEM_D	DXA - Femur Bone Measurements	DXXOFBMD	Total femur BMD
707	DXXFEM_D	DXA - Femur Bone Measurements	DXXOFBMC	Total femur BMC
708	DXXFEM_D	DXA - Femur Bone Measurements	DXXOFA	Total femur area
709	DXXFEM_D	DXA - Femur Bone Measurements	DXXNKBMD	Femoral neck BMD
710	DXXFEM_D	DXA - Femur Bone Measurements	DXXNKBMC	Femoral neck BMC
711	DXXFEM_D	DXA - Femur Bone Measurements	DXXNKA	Femoral neck area
712	DXXFEM_D	DXA - Femur Bone Measurements	DXXTRBMD	Trochanter BMD
713	DXXFEM_D	DXA - Femur Bone Measurements	DXXTRBMC	Trochanter BMC
714	DXXFEM_D	DXA - Femur Bone Measurements	DXXTRA	Trochanter area
715	DXXFEM_D	DXA - Femur Bone Measurements	DXXINBMD	Intertrochanter BMD
716	DXXFEM_D	DXA - Femur Bone Measurements	DXXINBMC	Intertrochanter BMC
717	DXXFEM_D	DXA - Femur Bone Measurements	DXXINA	Intertrochanter area
718	DXXFEM_D	DXA - Femur Bone Measurements	DXXWDBMD	Ward's triangle BMD
719	DXXFEM_D	DXA - Femur Bone Measurements	DXXWDBMC	Ward's triangle BMC
720	DXXFEM_D	DXA - Femur Bone Measurements	DXXWDA	Ward's triangle area
721	DXXFEM_D	DXA - Femur Bone Measurements	DXAFMRK	Calculated K for femur
722	DXXFEM_D	DXA - Femur Bone Measurements	DXAFMRD0	Calculated DO for femur
723	FFQDC_D	Food Frequency Questionnaire - Output from DietCalc Software	SEQN	Respondent sequence number
724	FFQDC_D	Food Frequency Questionnaire -	FFQ_VAR	The Variable ID from DietCalc

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Item #	Data File	Component	Item ID	Label
		Output from DietCalc Software		
725	FFQDC_D	Food Frequency Questionnaire - Output from DietCalc Software	FFQ_FOOD	The Food ID from DietCalc
726	FFQDC_D	Food Frequency Questionnaire - Output from DietCalc Software	FFQ_FREQ	Daily intake frequency for this food
727	FFQDC_D	Food Frequency Questionnaire - Output from DietCalc Software	FFQ_CODE	Daily intake frequency imputation code
728	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	SEQN	Respondent Sequence Number
729	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	WTS_FFQ	FFQ Sample Weight
730	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	DRDINT	# of completed Dietary Recalls
731	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ_MISS	# of missing raw frequency responses
732	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0001	Q.1 How often drink tomato juice?
733	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0002	Q.2 How often drink orange juice?
734	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0003	Q.3 How often drink apple juice?
735	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0004	Q.4 How often drink grape juice?
736	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0005	Q.5 How often drink 100% fruit juice?
737	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0006	Q.6 How often drink other fruit drinks?
738	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0006A	Q.6A How often drink diet or sugar-free

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Item #	Data File	Component	Item ID	Label
739	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0007	Q.7 How often drink milk as a beverage?
740	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0007A	Q.7A What kind of milk did you drink?
741	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0008	Q.8 How often drink meal replacement?
742	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0009	Q.9 Did you drink soft drinks?
743	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0009A	Q.9A How often did you drink in summer?
744	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0009B	Q.9B How often drink rest of year?
745	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0009C	Q.9C How often drink diet soft drinks?
746	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0009D	Q.9D How often drink caffeine-free?
747	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0010	Q.10 Did you drink beer?
748	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0010A	Q.10A Did you drink beer in summer?
749	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0010B	Q.10B Did you drink beer rest of year?
750	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0011	Q.11 Did you drink wine?
751	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0012	Q.12 Did you drink liquor?
752	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0013	Q.13 Did you eat cooked cereal?
753	FFQRAW_D	Food Frequency Questionnaire - Raw	FFQ0013A	Q.13A Did you eat oatmeal in winter?

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Item #	Data File	Component	Item ID	Label
		Questionnaire Responses		
754	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0013B	Q.13B How often eat oatmeal rest of yr?
755	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0013C	Q.13C How often was it oatmeal?
756	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0014	Q.14 How often eat cold cereal?
757	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0014A	Q.14A How often eat whole grain cereal?
758	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0014B	Q.14B Was milk added?
759	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0014C	Q.14C What kind of milk was added?
760	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0015	Q.15 Did you eat applesauce?
761	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0016	Q.16 Did you eat apples?
762	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0017	Q.17 Did you eat pears?
763	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0018	Q.18 Did you eat bananas?
764	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0019	Q.19 Did you eat pineapple?
765	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0020	Q.20 Did you eat dried fruit?
766	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0021	Q.21 Did you eat peaches?
767	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0021A	Q.21A Did you eat fresh peaches?

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Item #	Data File	Component	Item ID	Label
768	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0021B	Q.21B Fresh peaches rest of year?
769	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0022	Q.22 Did you eat grapes?
770	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0023	Q.23 Did you eat melons?
771	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0023A	Q.23A Did you eat melons in season?
772	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0023B	Q.23B Did you eat melons rest of year?
773	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0024	Q.24 Fresh strawberries eaten?
774	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0024A	Q.24A Fresh strawberries eaten in season
775	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0024B	Q.24B Strawberries eaten other times
776	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0025	Q.25 Did you eat oranges?
777	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0025A	Q.25A Did you eat fresh oranges?
778	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0025B	Q.25B Did you eat oranges rest of year?
779	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0026	Q.26 Did you eat grapefruit?
780	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0026A	Q.26A Did you eat fresh grapefruit?
781	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0026B	Q.26B Did you eat grapefruit rest of yr?
782	FFQRAW_D	Food Frequency Questionnaire - Raw	FFQ0027	Q.27 Did you eat other kinds of fruit?

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Item #	Data File	Component	Item ID	Label
		Questionnaire Responses		
783	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0028	Q.28 Did you eat cooked greens?
784	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0029	Q.29 Did you eat raw greens?
785	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0030	Q.30 Did you eat coleslaw?
786	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0031	Q.31 Did you eat sauerkraut?
787	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0032	Q.32 Did you eat carrots?
788	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0033	Q.33 Did you eat string beans?
789	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0034	Q.34 Did you eat peas?
790	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0035	Q.35 Did you eat corn?
791	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0035A	Q.35A Did you eat corn in season?
792	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0035B	Q.35B Did you eat corn rest of year?
793	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0036	Q.36 Did you eat broccoli?
794	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0037	Q.37 Did you eat cauliflower?
795	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0038	Q.38 Did you eat mixed veggies?
796	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0039	Q.39 Did you eat onions?

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Item #	Data File	Component	Item ID	Label
797	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0040	Q.40 Did you eat peppers?
798	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0041	Q.41 Did you eat cucumbers?
799	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0042	Q.42 Fresh tomatoes eaten?
800	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0042A	Q.42A Fresh tomatoes eaten in season?
801	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0042B	Q.42B Fresh tomatoes eaten other times?
802	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0043	Q.43 Did you eat summer squash?
803	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0043A	Q.43A How often eat squash in season?
804	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0043B	Q.43B Did you squash rest of year?
805	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0044	Q.44 Did you eat lettuce salads?
806	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0044A	Q.44A How often eat dark green leaves?
807	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0045	Q.45 Did you eat salad dressing?
808	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0046	Q.46 Did you eat sweet potatoes?
809	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0047	Q.47 Did you eat french fries?
810	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0048	Q.48 Did you eat potato salad?
811	FFQRAW_D	Food Frequency Questionnaire - Raw	FFQ0049	Q.49 Did you eat baked potatoes?

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Item #	Data File	Component	Item ID	Label
		Questionnaire Responses		
812	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0050	Q.50 Did you eat salsa?
813	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0051	Q.51 Did you eat catsup?
814	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0052	Q.52 Did you eat pickles?
815	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0053	Q.53 Did you eat stuffing?
816	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0054	Q.54 Do you eat chili?
817	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0055	Q.55 Do you eat tortillas?
818	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0055A	Q.55A How often corn tortillas?
819	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0056	Q.56 Did you eat cooked dried beans?
820	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0057	Q.57 Did you eat other vegetables?
821	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0058	Q.58 Did you eat rice?
822	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0058A	Q.58A How often was grain rice?
823	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0059	Q.59 Did you eat pancakes?
824	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0059A	Q.59A How often syrup added?
825	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0060	Q.60 Did you eat lasagna?

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Item #	Data File	Component	Item ID	Label
826	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0061	Q.61 Did you eat macaroni and cheese?
827	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0062	Q.62 Did you eat pasta salad?
828	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0063	Q.63 Did you eat other pasta?
829	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0063A	Q.63A Did you eat spaghetti sauce?
830	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0063B	Q.63B Did you eat meatless sauce?
831	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0063C	Q.63C Did you eat pasta with margarine?
832	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0064	Q.64 Did you eat bagels?
833	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0065	Q.65 Did you eat breads as sandwiches?
834	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0065A	Q.65A White bread eaten in sandwiches?
835	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0066	Q.66 Did you eat bread not sandwiches?
836	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0066A	Q.66A Ate other white breads or rolls?
837	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0067	Q.67 Did you eat jam?
838	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0068	Q.68 Did you eat peanut butter?
839	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0069	Q.69 Roast beef sandwiches eaten?
840	FFQRAW_D	Food Frequency Questionnaire - Raw	FFQ0070	Q.70 Did you eat cold cuts?

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Item #	Data File	Component	Item ID	Label
		Questionnaire Responses		
841	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0071	Q.71 Did you eat luncheon ham?
842	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0071A	Q.71A Did you eat light ham?
843	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0072	Q.72 Did you eat other cold cuts?
844	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0072A	Q.72A Did you eat light meats?
845	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0073	Q.73 Did you eat canned tuna?
846	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0074	Q.74 Did you eat GROUND chicken?
847	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0075	Q.75 Did you eat beef hamburgers?
848	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0075A	Q.75A Did you eat lean ground beef?
849	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0076	Q.76 Ground beef mixtures eaten?
850	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0077	Q.77 Did you eat hot dogs?
851	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0077A	Q.77A Did you eat light hot dogs?
852	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0078	Q.78 Other beef mixtures eaten?
853	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0079	Q.79 Roast beef eaten at other times?
854	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0080	Q.80 Did you eat steak?

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Item #	Data File	Component	Item ID	Label
855	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0080A	Q.80A Did you eat lean steak?
856	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0081	Q.81 Did you eat spareribs?
857	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0082	Q.82 Did you eat roast turkey?
858	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0083	Q.83 Did you eat chicken in mixtures?
859	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0084	Q.84 Did you eat baked chicken?
860	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0084A	Q.84A Did you eat fried chicken?
861	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0084B	Q.84B Did you eat white meat?
862	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0084C	Q.84C Did you eat chicken skin?
863	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0085	Q.85 Did you eat baked ham?
864	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0086	Q.86 Did you eat pork?
865	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0087	Q.87 Did you eat gravy?
866	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0088	Q.88 Did you eat liver?
867	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0089	Q.89 Did you eat bacon?
868	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0089A	Q.89A Did you eat lean bacon?
869	FFQRAW_D	Food Frequency Questionnaire - Raw	FFQ0090	Q.90 Did you eat sausage?

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Item #	Data File	Component	Item ID	Label
		Questionnaire Responses		
870	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0090A	Q.90A Did you eat lean sausage?
871	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0091	Q.91 Did you eat smoked fish
872	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0092	Q.92 Did you eat sushi
873	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0092A	Q.92A Did sushi contain raw fish?
874	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0093	Q.93 Did you eat raw oysters?
875	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0094	Q.94 Did you eat fried fish?
876	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0095	Q.95 Did you eat all other fish?
877	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0096	Q.96 Did you eat tofu?
878	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0097	Q.97 Did you eat soups?
879	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0097A	Q.97A Did you eat soup winter?
880	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0097B	Q.97B Did you eat soup rest of year?
881	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0097C	Q.99C Did you eat bean soups?
882	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0097D	Q.97D Did you eat cream soups?
883	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0097E	Q.97E Did you eat tomato soups?

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Item #	Data File	Component	Item ID	Label
884	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0097F	Q.97F Did you eat broth soups?
885	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0098	Q.98 Did you eat pizza?
886	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0098A	Q.98A Did you eat pizza with meat?
887	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0099	Q.99 Did you eat crackers?
888	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0100	Q.100 Did you eat corn bread?
889	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0101	Q.101 Did you eat biscuits?
890	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0102	Q.102 Did you eat potato chips?
891	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0102A	Q.102A How often low-fat potato chips?
892	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0103	Q.103 Did you eat tortilla chips?
893	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0103A	Q.103A How often low-fat tortilla chips?
894	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0104	Q.104 Did you eat popcorn?
895	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0105	Q.105 Did you eat pretzels?
896	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0106	Q.106 Did you eat peanuts?
897	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0107	Q.107 Did you eat granola bars?
898	FFQRAW_D	Food Frequency Questionnaire - Raw	FFQ0108	Q.108 Did you eat yogurt?

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Item #	Data File	Component	Item ID	Label
		Questionnaire Responses		
899	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0109	Q.109 Did you eat cottage cheese?
900	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0110	Q.110 Did you eat cheese?
901	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0110A	Q.110A Did you eat light cheese?
902	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0111	Q.111 Did you eat frozen yogurt?
903	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0112	Q.112 Did you eat ice cream?
904	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0112A	Q.112A Did you eat light ice cream?
905	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0113	Q.113 Did you eat pudding?
906	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0114	Q.114 Did you eat cake?
907	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0115	Q.115 Did you eat cookies?
908	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0116	Q.116 Did you eat doughnuts?
909	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0117	Q.117 Did you eat sweet muffins?
910	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0118	Q.118 Did you eat fruit crisp?
911	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0119	Q.119 Did you eat pie?
912	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0119A	Q.119A Did you eat fruit pie?

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Item #	Data File	Component	Item ID	Label
913	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0120	Q.120 Did you eat chocolate candy?
914	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0121	Q.121 Did you eat other candy?
915	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0122	Q.122 Did you eat eggs?
916	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0122A	Q.122A Did you eat egg substitutes?
917	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0122B	Q.122B Did you eat egg whites?
918	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0122C	Q.122C Did you eat whole eggs?
919	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0122D	Q.122D Did you eat egg salad?
920	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0123	Q.123 Did you drink coffee?
921	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0123A	Q.123A Did you drink decaffeinated?
922	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0124	Q.124 Did you drink ICED tea?
923	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0124A	Q.124A Did you drink iced herbal tea?
924	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0125	Q.125 Did you drink Hot tea?
925	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0125A	Q.125A Did you drink hot decaffeinated?
926	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0126	Q.126 Did you add sugar or honey?
927	FFQRAW_D	Food Frequency Questionnaire - Raw	FFQ0127	Q.127 Did you add artificial

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Item #	Data File	Component	Item ID	Label
		Questionnaire Responses		sweetener?
928	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0128	Q.128 Was non-dairy creamer added?
929	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0128A	Q.128A What kind of creamer?
930	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0129	Q.129 Was cream or half and half added?
931	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0130	Q.130 Was milk added to your coffee?
932	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0130A	Q.130A What kind of milk added?
933	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0131	Q.131 Was sugar or honey added?
934	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0132	Q.132 Did you eat margarine?
935	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0132A	Q.132A Was margarine low-fat?
936	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0133	Q.133 Did you eat butter on breads?
937	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0133A	Q.133A Was butter low-fat?
938	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0134	Q.134 Did you eat margarine on potatoes?
939	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0134A	Q.134A Was margarine you ate low-fat?
940	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0135	Q.135 Did you eat butter on potatoes?
941	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0135A	Q.135A Was butter you ate low-fat?

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Item #	Data File	Component	Item ID	Label
942	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0136	Q.136 Did you eat mayonnaise?
943	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0136A	Q.136A Was mayonnaise you ate low-fat?
944	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0137	Q.137 Did you eat cream cheese?
945	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0137A	Q.137A Was cream cheese low-fat?
946	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0138	Q.138 Did you eat sour cream?
947	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0138A	Q.138A Was sour cream you ate low-fat?
948	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0139	Q.139 Did you eat foods with oils?
949	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0139A	Q.139A Olive oil eaten?
950	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0139B	Q.139B Corn oil eaten?
951	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0139C	Q.139C Canola/rapeseed eaten?
952	FFQRAW_D	Food Frequency Questionnaire - Raw Questionnaire Responses	FFQ0139D	Q.139D Other type of oils eaten?
953	OHX_D	Oral Health	SEQN	Respondent sequence number
954	OHX_D	Oral Health	OHAEXSTS	Overall Oral Health Exam Status
955	OHX_D	Oral Health	OHX08HTC	Tooth count: #8
956	OHX_D	Oral Health	OHX07HTC	Tooth count: #7
957	OHX_D	Oral Health	OHX06HTC	Tooth count: #6
958	OHX_D	Oral Health	OHX05HTC	Tooth count: #5

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Item #	Data File	Component	Item ID	Label
959	OHX_D	Oral Health	OHX04HTC	Tooth count: #4
960	OHX_D	Oral Health	OHX03HTC	Tooth count: #3
961	OHX_D	Oral Health	OHX02HTC	Tooth count: #2
962	OHX_D	Oral Health	OHX01HTC	Tooth count: #1
963	OHX_D	Oral Health	OHX09HTC	Tooth count: #9
964	OHX_D	Oral Health	OHX10HTC	Tooth count: #10
965	OHX_D	Oral Health	OHX11HTC	Tooth count: #11
966	OHX_D	Oral Health	OHX12HTC	Tooth count: #12
967	OHX_D	Oral Health	OHX13HTC	Tooth count: #13
968	OHX_D	Oral Health	OHX14HTC	Tooth count: #14
969	OHX_D	Oral Health	OHX15HTC	Tooth count: #15
970	OHX_D	Oral Health	OHX16HTC	Tooth count: #16
971	OHX_D	Oral Health	OHX24HTC	Tooth count: #24
972	OHX_D	Oral Health	OHX23HTC	Tooth count: #23
973	OHX_D	Oral Health	OHX22HTC	Tooth count: #22
974	OHX_D	Oral Health	OHX21HTC	Tooth count: #21
975	OHX_D	Oral Health	OHX20HTC	Tooth count: #20
976	OHX_D	Oral Health	OHX19HTC	Tooth count: #19
977	OHX_D	Oral Health	OHX18HTC	Tooth count: #18
978	OHX_D	Oral Health	OHX17HTC	Tooth count: #17
979	OHX_D	Oral Health	OHX25HTC	Tooth count: #25
980	OHX_D	Oral Health	OHX26HTC	Tooth count: #26
981	OHX_D	Oral Health	OHX27HTC	Tooth count: #27
982	OHX_D	Oral Health	OHX28HTC	Tooth count: #28
983	OHX_D	Oral Health	OHX29HTC	Tooth count: #29

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Item #	Data File	Component	Item ID	Label
984	OHX_D	Oral Health	OHX30HTC	Tooth count: #30
985	OHX_D	Oral Health	OHX31HTC	Tooth count: #31
986	OHX_D	Oral Health	OHX32HTC	Tooth count: #32
987	OHX_D	Oral Health	OHXDECAY	Dental decay present
988	OHX_D	Oral Health	OHXREST	Dental restoration present
989	OHX_D	Oral Health	OHXSEAL	Dental sealant present
990	OHX_D	Oral Health	OHXFCRZ1	Right - Zone 1
991	OHX_D	Oral Health	OHXFCRZ2	Right - Zone 2
992	OHX_D	Oral Health	OHXFCRZ3	Right - Zone 3
993	OHX_D	Oral Health	OHXFCRZ4	Right - Zone 4
994	OHX_D	Oral Health	OHXFCRZ5	Right - Zone 5
995	OHX_D	Oral Health	OHXFCRZ6	Right - Zone 6
996	OHX_D	Oral Health	OHXFCRZ7	Right - Zone 7
997	OHX_D	Oral Health	OHXFCRZ8	Right - Zone 8
998	OHX_D	Oral Health	OHXFCLZ1	Left - Zone 1
999	OHX_D	Oral Health	OHXFCLZ2	Left - Zone 2
1000	OHX_D	Oral Health	OHXFCLZ3	Left - Zone 3
1001	OHX_D	Oral Health	OHXFCLZ4	Left - Zone 4
1002	OHX_D	Oral Health	OHXFCLZ5	Left - Zone 5
1003	OHX_D	Oral Health	OHXFCLZ6	Left - Zone 6
1004	OHX_D	Oral Health	OHXFCLZ7	Left - Zone 7
1005	OHX_D	Oral Health	OHXFCLZ8	Left - Zone 8
1006	OHX_D	Oral Health	OHXFCANT	Anterior Zone:
1007	OHX_D	Oral Health	OHQ410	Removable complete/partial max denture
1008	OHX_D	Oral Health	OHQ420	Wears complete/partial max denture

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Item #	Data File	Component	Item ID	Label
1009	OHX_D	Oral Health	OHQ430	Removable complete/partial mand. denture
1010	OHX_D	Oral Health	OHQ440	Wears complete/partial Mand. denture
1011	OHX_D	Oral Health	OHAPOS	Was participant exam position recumbent
1012	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	SEQN	Respondent sequence number
1013	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPASCST1	FDT Exam Status
1014	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPASCCT1	FDT Exam Status Comment
1015	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	VIQ110	SP has severe eye infection?
1016	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	VIQ130	SP wearing eye patch
1017	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	VIQ141	Which eye?
1018	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPDODFDT	Final FDT Right Eye Status
1019	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPDOSFDT	Final FDT Left Eye Status
1020	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1ODBS	Response to BS stimulus - Right - Test 1
1021	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1ODFP	Response to FP stimulus - Right - Test 1
1022	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1ODTN	No fixation per Tech - Right - Test 1
1023	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD02	CT result - Right - Test 1

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Item #	Data File	Component	Item ID	Label
1024	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD03	T6 results - Right - Test 1
1025	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD04	T2 results - Right - Test 1
1026	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD05	T5 results - Right - Test 1
1027	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD06	T1 results - Right - Test 1
1028	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD07	N2 results - Right - Test 1
1029	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD08	N6 results - Right - Test 1
1030	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD09	N1 results - Right - Test 1
1031	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD10	N5 results - Right - Test 1
1032	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD11	N3 results - Right - Test 1
1033	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD12	N7 results - Right - Test 1
1034	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD13	N4 results - Right - Test 1
1035	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD14	N8 results - Right - Test 1
1036	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD15	T7 results - Right - Test 1
1037	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD16	T3 results - Right - Test 1
1038	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD17	T8 results - Right - Test 1

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Item #	Data File	Component	Item ID	Label
		Technology		
1039	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD18	T4 results - Right - Test 1
1040	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD19	NS results - Right - Test 1
1041	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OD20	NI results - Right - Test 1
1042	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OSBS	Response to BS stimulus - Left - Test 1
1043	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OSFP	Response to FP stimulus - Left - Test 1
1044	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OSTN	No fixation per Tech - Left - Test 1
1045	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS00	NS result - Left - Test 1
1046	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS01	NI results - Left - Test 1
1047	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS02	CT results - Left - Test 1
1048	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS03	N2 results - Left - Test 1
1049	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS04	N6 results - Left - Test 1
1050	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS05	N1 results - Left - Test 1
1051	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS06	N5 results - Left - Test 1
1052	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS07	T6 results - Left - Test 1

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Item #	Data File	Component	Item ID	Label
1053	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS08	T2 results - Left - Test 1
1054	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS09	T5 results - Left - Test 1
1055	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS10	T1 results - Left - Test 1
1056	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS11	T7 results - Left - Test 1
1057	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS12	T3 results - Left - Test 1
1058	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS13	T8 results - Left - Test 1
1059	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS14	T4 results - Left - Test 1
1060	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS15	N3 results - Left - Test 1
1061	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS16	N7 results - Left - Test 1
1062	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS17	N4 results - Left - Test 1
1063	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX1OS18	N8 results - Left - Test 1
1064	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2ODBS	Response to BS stimulus - Right - Test 2
1065	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2ODFP	Response to FP stimulus - Right - Test 2
1066	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2ODTN	No fixation per Tech - Right - Test 2
1067	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD02	CT result - Right - Test 2

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Item #	Data File	Component	Item ID	Label
		Technology		
1068	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD03	T6 results - Right - Test 2
1069	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD04	T2 results - Right - Test 2
1070	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD05	T5 results - Right - Test 2
1071	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD06	T1 results - Right - Test 2
1072	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD07	N2 results - Right - Test 2
1073	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD08	N6 results - Right - Test 2
1074	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD09	N1 results - Right - Test 2
1075	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD10	N5 results - Right - Test 2
1076	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD11	N3 results - Right - Test 2
1077	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD12	N7 results - Right - Test 2
1078	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD13	N4 results - Right - Test 2
1079	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD14	N8 results - Right - Test 2
1080	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD15	T7 results - Right - Test 2
1081	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD16	T3 results - Right - Test 2

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Item #	Data File	Component	Item ID	Label
1082	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD17	T8 results - Right - Test 2
1083	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD18	T4 results - Right - Test 2
1084	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD19	NS results - Right - Test 2
1085	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OD20	NI results - Right - Test 2
1086	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OSBS	Response to BS stimulus - Left - Test 2
1087	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OSFP	Response to FP stimulus - Left - Test 2
1088	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OSTN	No fixation per Tech - Left - Test 2
1089	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS00	NS result - Left - Test 2
1090	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS01	NI results - Left - Test 2
1091	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS02	CT results - Left - Test 2
1092	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS03	N2 results - Left - Test 2
1093	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS04	N6 results - Left - Test 2
1094	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS05	N1 results - Left - Test 2
1095	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS06	N5 results - Left - Test 2
1096	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS07	T6 results - Left - Test 2

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Item #	Data File	Component	Item ID	Label
		Technology		
1097	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS08	T2 results - Left - Test 2
1098	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS09	T5 results - Left - Test 2
1099	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS10	T1 results - Left - Test 2
1100	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS11	T7 results - Left - Test 2
1101	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS12	T3 results - Left - Test 2
1102	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS13	T8 results - Left - Test 2
1103	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS14	T4 results - Left - Test 2
1104	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS15	N3 results - Left - Test 2
1105	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS16	N7 results - Left - Test 2
1106	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS17	N4 results - Left - Test 2
1107	OPXFDT_D	Ophthalmology - Frequency Doubling Technology	OPX2OS18	N8 results - Left - Test 2
1108	OPXRET_D	Ophthalmology - Retinal Imaging	SEQN	Respondent sequence number
1109	OPXRET_D	Ophthalmology - Retinal Imaging	OPASCST2	Exam status
1110	OPXRET_D	Ophthalmology - Retinal Imaging	OPASCCT2	Reason for not done/partial
1111	OPXRET_D	Ophthalmology - Retinal Imaging	VIQ110	SP has severe eye infection?
1112	OPXRET_D	Ophthalmology - Retinal Imaging	VIQ130	SP wearing eye patch

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Item #	Data File	Component	Item ID	Label
1113	OPXRET_D	Ophthalmology - Retinal Imaging	VIQ141	Which eye?
1114	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDCOMP	Are field 1 & field 2 present, right eye
1115	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDF1	Field 1 Present, Right Eye
1116	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDF1FO	Field 1 Focus, Right Eye
1117	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDF2	Field 2 Present, Right Eye
1118	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDF2FO	Field 2 Focus, Right Eye
1119	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDGRBL	Gradability of images, Right Eye
1120	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPM	Pupil Size, Right Eye
1121	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHPR	Photo Problems, Right Eye
1122	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHIL	Photo Prob - Illumination, Right Eye
1123	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHFD	Photo Prob - Field Definition, Right Eye
1124	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHHZ	Photo Prob - Haze, Right Eye
1125	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHDD	Photo Prob - Dust/Dirt, Right Eye
1126	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHLA	Photo Prob - Lashes, Right Eye
1127	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHAR	Photo Prob - Arc, Right Eye
1128	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHRC	Photo Prob - Red Channel, Right Eye
1129	OPXRET_D	Ophthalmology - Retinal Imaging	OPXDPHOT	Photo Prob - Other, Right Eye
1130	OPXRET_D	Ophthalmology - Retinal Imaging	OPDURET	Retinopathy level, worse eye
1131	OPXRET_D	Ophthalmology - Retinal Imaging	OPDURL4	4 levels retinopathy severity, worse eye
1132	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUARMA	Any retinopathy, worse eye
1133	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUHMA	MAS, HEM, worse eye
1134	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUMA	Retinal microaneurysms, worse eye
1135	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUHEM	Retinal blot hemorrhages, worse eye
1136	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUHE	Retinal hard exudate, worse eye

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Item #	Data File	Component	Item ID	Label
1137	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSE	Retinal soft exudate, worse eye
1138	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUIRMA	IRMA, worse eye
1139	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUVB	Retinal venous beading, worse eye
1140	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUNVO	Retinal new vessels on disc, worse eye
1141	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUNVE	Retinal new vessels elsewhere, worse eye
1142	OPXRET_D	Ophthalmology - Retinal Imaging	OPDURFP	Retinal fibrous proliferation, worse eye
1143	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUPHVB	Pre-ret./ vitreous hemorrhage, worse eye
1144	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUME	Macular edema, worse eye
1145	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUMEC	Macular edema in center, worse eye
1146	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUPPS	Panret. photocoagulation scar, worse eye
1147	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUFOC	Focal photocoag. scars for ME, worse eye
1148	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUARM	ARM, 3 severity levels, worse eye
1149	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUPIGA	Ret. & pigmentary abnorm., worse eye
1150	OPXRET_D	Ophthalmology - Retinal Imaging	OPDULARM	Late ARM, worse eye
1151	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUGA	Geographic atrophy, worse eye
1152	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUEXU	Exudative ARM, worse eye
1153	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUHD	Hard distinct drusen, worse eye
1154	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUD125	Drusen>=125 microns, worse eye
1155	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUD500	Drusen>=500 microns, worse eye
1156	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUASD	Any soft drusen, worse eye
1157	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSDD	Soft distinct drusen, worse eye
1158	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSID	Soft indistinct drusen, worse eye

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Item #	Data File	Component	Item ID	Label
1159	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUIRP	Increased retinal pigment, worse eye
1160	OPXRET_D	Ophthalmology - Retinal Imaging	OPDURPE	RPE depigmentation, worse eye
1161	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUAGA	Any geographic atrophy, worse eye
1162	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUPED	RPE/sensory ret. detachment, worse eye
1163	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSNV	Subretinal new vessels, worse eye
1164	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSUBH	Subretinal hemorrhage, worse eye
1165	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSFS	Subretinal fibrous scar, worse eye
1166	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUARMX	Treatment for ARM, worse eye
1167	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUBCO	Retinal artery occlusion, worse eye
1168	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUBVO	Retinal branch vein occlusion, worse eye
1169	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUCVO	Ret. central vein occlusion, worse eye
1170	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUAVN	Retinal AV nicking, worse eye
1171	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUFAN	Focal arteriolar narrowing, worse eye
1172	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUHOLL	Hollenhorst plaque, worse eye
1173	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUPPA	Peripapillary atrophy, worse eye
1174	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUASHY	Asteroid Hyalosis, worse eye
1175	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUCHRA	Chorioretinal abnormality, worse eye
1176	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUMACH	Macular hole, worse eye
1177	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUCHN	Choroidal nevus, worse eye
1178	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUOTRX	Any other treatment, worse eye
1179	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUPOHS	Histoplasmosis syndrome, worse eye
1180	OPXRET_D	Ophthalmology - Retinal Imaging	OPDURDET	Retinal detachment, worse eye
1181	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSWR	SW, cellophane changes, worse eye
1182	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUSWRT	SW, traction changes, worse eye

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Item #	Data File	Component	Item ID	Label
1183	OPXRET_D	Ophthalmology - Retinal Imaging	OPDUOTHC	Other ocular conditions, worse eye
1184	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDRET	Retinopathy level, right eye.
1185	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDRL4	4 levels retinopathy severity, right eye
1186	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDARMA	Any retinopathy, right eye
1187	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDHMA	MAS, HEM, right eye
1188	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDMA	Retinal microaneurysms, right eye
1189	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDHEM	Retinal blot hemorrhages, right eye
1190	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDHE	Retinal hard exudate, right eye
1191	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSE	Retinal soft exudate, right eye
1192	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDIRMA	IRMA, right eye
1193	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDVB	Retinal venous beading, right eye
1194	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDNVO	Retinal new vessels on disc, right eye
1195	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDNVE	Retinal new vessels elsewhere, right eye
1196	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDRFP	Retinal fibrous proliferation, right eye
1197	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDPHVH	Pre-ret./ vitreous hemorrhage, right eye
1198	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDME	Macular edema, right eye
1199	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDMEC	Macular edema in center, right eye
1200	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDPPS	Panret. photocoagulation scar, right eye
1201	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDFOC	Focal photocoag. scars for ME, right eye
1202	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDARM	ARM, 3 severity levels, right eye
1203	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDPIGA	Ret. & pigmentary abnorm., right eye
1204	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDLARM	Late ARM, right eye

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Item #	Data File	Component	Item ID	Label
1205	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDGA	Geographic atrophy, right eye
1206	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDEXU	Exudative ARM, right eye
1207	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDAREX	Excluded for ARM, right eye
1208	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDREA	Reason for ARM exclusion, right eye
1209	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDHD	Hard distinct drusen, right eye
1210	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDD125	Drusen>=125 microns, right eye
1211	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDD500	Drusen>=500 microns, right eye
1212	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDASD	Any soft drusen, right eye
1213	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSD	Soft distinct drusen, right eye
1214	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSID	Soft indistinct drusen, right eye
1215	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDIRP	Increased retinal pigment, right eye
1216	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDRPE	RPE depigmentation, right eye
1217	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDAGA	Any geographic atrophy, right eye
1218	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDPED	RPE/sensory ret. detachment, right eye
1219	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSNV	Subretinal new vessels, right eye
1220	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSUBH	Subretinal hemorrhage, right eye
1221	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSFS	Subretinal fibrous scar, right eye
1222	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDARMX	Treatment for ARM, right eye
1223	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDBCO	Retinal artery occlusion, right eye
1224	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDBVO	Retinal branch vein occlusion, right eye
1225	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDCVO	Ret. central vein occlusion, right eye
1226	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDAVN	Retinal AV nicking, right eye
1227	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDFAN	Focal arteriolar narrowing, right eye
1228	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDHOLL	Hollenhorst plaque, right eye

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Item #	Data File	Component	Item ID	Label
1229	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDPPA	Peripapillary atrophy, right eye
1230	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDASHY	Asteroid Hyalosis, right eye
1231	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDCHRA	Chorioretinal abnormality, right eye
1232	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDMACH	Macular hole, right eye
1233	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDCHN	Choroidal nevus, right eye
1234	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDOTRX	Any other treatment, right eye
1235	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDPOHS	Histoplasmosis syndrome, right eye
1236	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDRDET	Retinal detachment, right eye
1237	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSWR	SW, cellophane changes, right eye
1238	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDSWRT	SW, traction changes, right eye
1239	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDOTHC	Other ocular conditions, right eye
1240	OPXRET_D	Ophthalmology - Retinal Imaging	OPDDVCDR	Vertical cup disc ratio, right eye
1241	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSCOMP	Are field 1 & field 2 present, left eye
1242	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSF1	Field 1 Present, Left Eye
1243	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSF1FO	Field 1 Focus, Left Eye
1244	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSF2	Field 2 Present, Left Eye
1245	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSF2FO	Field 2 Focus, Left Eye
1246	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSGRBL	Gradability of images, Left Eye
1247	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPMM	Pupil Size, Left Eye
1248	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHPR	Photo Problems, Left Eye
1249	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHIL	Photo Prob - Illumination, Left Eye
1250	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHFD	Photo Prob - Field Definition, Left Eye
1251	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHHZ	Photo Prob - Haze, Left Eye
1252	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHDD	Photo Prob - Dust/Dirt, Left Eye
1253	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHLA	Photo Prob - Lashes, Left Eye

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Item #	Data File	Component	Item ID	Label
1254	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHAR	Photo Prob - Arc, Left Eye
1255	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHRC	Photo Prob - Red Channel, Left Eye
1256	OPXRET_D	Ophthalmology - Retinal Imaging	OPXSPHOT	Photo Prob - Other, Left Eye
1257	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSRET	Retinopathy level, left eye.
1258	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSRL4	4 levels retinopathy severity, left eye
1259	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSARMA	Any retinopathy, left eye
1260	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSHMA	MAS, HEM, left eye
1261	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSMA	Retinal microaneurysms, left eye
1262	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSHEM	Retinal blot hemorrhages, left eye
1263	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSHE	Retinal hard exudate, left eye
1264	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSE	Retinal soft exudate, left eye
1265	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSIRMA	IRMA, left eye
1266	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSVB	Retinal venous beading, left eye
1267	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSNVO	Retinal new vessels on disc, left eye
1268	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSNVE	Retinal new vessels elsewhere, left eye
1269	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSRFP	Retinal fibrous proliferation, left eye
1270	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSPHVH	Pre-ret./ vitreous hemorrhage, left eye
1271	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSME	Macular edema, left eye
1272	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSMEC	Macular edema in center, left eye
1273	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSPPS	Panret. photocoagulation scar, left eye
1274	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSFOC	Focal photocoag. scars for ME, left eye
1275	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSARM	ARM, 3 severity levels, left eye
1276	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSPIGA	Ret. & pigmentary abnorm., left eye
1277	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSLARM	Late ARM, left eye

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Item #	Data File	Component	Item ID	Label
1278	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSGA	Geographic atrophy, left eye
1279	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSEXU	Exudative ARM, left eye
1280	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSAREX	Excluded for ARM, left eye
1281	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSREA	Reason for ARM exclusion, left eye
1282	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSHD	Hard distinct drusen, left eye
1283	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSD125	Drusen \geq 125 microns, left eye
1284	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSD500	Drusen \geq 500 microns, left eye
1285	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSASD	Any soft drusen, left eye
1286	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSDD	Soft distinct drusen, left eye
1287	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSID	Soft indistinct drusen, left eye
1288	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSIRP	Increased retinal pigment, left eye
1289	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSRPE	RPE depigmentation, left eye
1290	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSAGA	Any geographic atrophy, left eye
1291	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSPED	RPE/sensory ret. detachment, left eye
1292	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSNV	Subretinal new vessels, left eye
1293	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSUBH	Subretinal hemorrhage, left eye
1294	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSFS	Subretinal fibrous scar, left eye
1295	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSARMX	Treatment for ARM, left eye
1296	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSBCO	Retinal artery occlusion, left eye
1297	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSBVO	Retinal branch vein occlusion, left eye
1298	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSCVO	Ret. central vein occlusion, left eye
1299	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSAVN	Retinal AV nicking, left eye
1300	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSFAN	Focal arteriolar narrowing, left eye
1301	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSHOLL	Hollenhorst plaque, left eye
1302	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSPPA	Peripapillary atrophy, left eye

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Item #	Data File	Component	Item ID	Label
1303	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSASHY	Asteroid Hyalosis, left eye
1304	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSCHRA	Chorioretinal abnormality, left eye
1305	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSMACH	Macular hole, left eye
1306	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSCHN	Choroidal nevus, left eye
1307	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSOTRX	Any other treatment, left eye
1308	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSPOHS	Histoplasmosis syndrome, left eye
1309	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSRDET	Retinal detachment, left eye
1310	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSWR	SW, cellophane changes, left eye
1311	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSSWRT	SW, traction changes, left eye
1312	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSOTHC	Other ocular conditions, left eye
1313	OPXRET_D	Ophthalmology - Retinal Imaging	OPDSVCDR	Vertical cup disc ratio, left eye
1314	PAXRAW_D	Physical Activity Monitor - Raw Data	SEQN	Respondent sequence number
1315	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXSTAT	Data Reliability Status Flag
1316	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXCAL	Was the Monitor in Calibration?
1317	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXDAY	Day of the Week
1318	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXN	Sequential Observation Number
1319	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXHOUR	Hour of the Day
1320	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXMINUT	Minute of the Hour
1321	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXINTEN	Device Intensity Value
1322	PAXRAW_D	Physical Activity Monitor - Raw Data	PAXSTEP	Device Step Count
1323	VIX_D	Vision	SEQN	Respondent sequence number
1324	VIX_D	Vision	VIQ110	SP has a severe eye infection?
1325	VIX_D	Vision	VIQ121	Which eye(s) infected?
1326	VIX_D	Vision	VIQ130	Is SP wearing an eye patch?
1327	VIX_D	Vision	VIQ141	Which eye has eye patch?

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Item #	Data File	Component	Item ID	Label
1328	VIX_D	Vision	VIQ150	Glasses/contact lenses for near work?
1329	VIX_D	Vision	VIQ160	Glasses/contact lenses available?
1330	VIX_D	Vision	VIQ170	Glasses or contacts worn for near test?
1331	VIX_D	Vision	VIXNC1	Line read on near card
1332	VIX_D	Vision	VIXNC2	Testing distance of near card
1333	VIX_D	Vision	VIQ180	Eye surgery for near sightedness?
1334	VIX_D	Vision	VIQ191	Which eye(s) surgery - near-sightedness?
1335	VIX_D	Vision	VIQ200	Eye surgery for cataracts?
1336	VIX_D	Vision	VIQ211	Which eye(s) cataract surgery?
1337	VIX_D	Vision	VIQ220	Glasses/contact lenses worn for distance
1338	VIX_D	Vision	VIQ230	Is distance correction available?
1339	VIX_D	Vision	VIQ240	Which type? Glasses or contacts?
1340	VIX_D	Vision	VIQ250	Was prescription obtained?
1341	VIX_D	Vision	VIXPRS	Prescription, right sphere
1342	VIX_D	Vision	VIXPRC	Prescription, right cylinder
1343	VIX_D	Vision	VIXPRA	Prescription, right axis
1344	VIX_D	Vision	VIXPLS	Prescription, left sphere
1345	VIX_D	Vision	VIXPLC	Prescription, left cylinder
1346	VIX_D	Vision	VIXPLA	Prescription, left axis
1347	VIX_D	Vision	VIXOCMT	Visual Acuity Comments
1348	VIX_D	Vision	VIXORSM	OR right sphere, median
1349	VIX_D	Vision	VIXORCM	OR right cylinder, median
1350	VIX_D	Vision	VIXORAM	OR right axis, median

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Item #	Data File	Component	Item ID	Label
1351	VIX_D	Vision	VIDORFM	OR right confidence level reading
1352	VIX_D	Vision	VIXOLSM	OR left sphere, median
1353	VIX_D	Vision	VIXOLCM	OR left cylinder, median
1354	VIX_D	Vision	VIXOLAM	OR left axis, median
1355	VIX_D	Vision	VIDOLFM	OR left confidence level reading
1356	VIX_D	Vision	VIXKRM1	Right keratometry radius flat curve (mm)
1357	VIX_D	Vision	VIXKRD1	Right keratometry power flat curve (D)
1358	VIX_D	Vision	VIXKRG1	Right keratometry axis flat curve (deg)
1359	VIX_D	Vision	VIXKRM2	Right keratometry radius steep curve(mm)
1360	VIX_D	Vision	VIXKRD2	Right keratometry power steep curve (D)
1361	VIX_D	Vision	VIXKRG2	Right keratometry axis steep curve (deg)
1362	VIX_D	Vision	VIXKRMM	Right keratometry radius, average (mm)
1363	VIX_D	Vision	VIXKRDM	Right keratometry power, average (D)
1364	VIX_D	Vision	VIXKRCD	Right keratometry cylinder
1365	VIX_D	Vision	VIXKRCG	Right keratometry axis (deg)
1366	VIX_D	Vision	VIXKLM1	Left keratometry radius flat curve (mm)
1367	VIX_D	Vision	VIXKLD1	Left keratometry power flat curve (D)
1368	VIX_D	Vision	VIXKLG1	Left keratometry axis flat curve (deg)
1369	VIX_D	Vision	VIXKLM2	Left keratometry radius steep curve (mm)
1370	VIX_D	Vision	VIXKLD2	Left keratometry power steep curve (D)

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Item #	Data File	Component	Item ID	Label
1371	VIX_D	Vision	VIXKLG2	Left keratometry axis steep curve (deg)
1372	VIX_D	Vision	VIXKLMM	Left keratometry radius, average (mm)
1373	VIX_D	Vision	VIXKLDM	Left keratometry power, average (D)
1374	VIX_D	Vision	VIXKLCD	Left keratometry cylinder
1375	VIX_D	Vision	VIXKLCG	Left keratometry axis (deg)
1376	VIX_D	Vision	VIDRVA	Right visual acuity, presenting
1377	VIX_D	Vision	VIDLVA	Left visual acuity, presenting
1378	VIX_D	Vision	VIDROVA	Right visual acuity, w/ obj. refraction
1379	VIX_D	Vision	VIDLOVA	Left visual acuity, w/ obj. refraction