

# Documentation for Energy Expenditure Substudy Dataset

ENERGY EXPENDITURE SUBSTUDY .....	2
1. Design:.....	2
2. Sample characteristics:.....	2
3. Data sources: .....	3
4. Dataset structure and contents.....	3
5. Special Missing Value Codes.....	3
6. Dataset index formulation and key variable mapping.....	4
7. General strategies for manipulating and merging the data.....	4
8. Known data errors: .....	4
9. Reproducibility analyses .....	5
APPENDIX I: DROPPED VARIABLES AND ALTERNATES .....	6
APPENDIX II: NOTES ON INCOMPLETE DATA .....	8
APPENDIX III: ENERGY EXPENDITURE AND FOOD FREQUENCY FORMS.....	9
APPENDIX IV: ENERGY EXPENDITURE READING CENTER VARIABLE LIST.....	41
APPENDIX V: FOOD FREQUENCY READING CENTER VARIABLE LIST .....	42
APPENDIX VI: CALCULATED VARIABLES FOR ENERGY EXPENDITURE SUBSTUDY.....	46

## **ENERGY EXPENDITURE SUBSTUDY**

### **1. Design:**

In order to collect a total sample of 500 participants balanced by race/gender subgroup, the Year 2 sampling scheme for the Energy Expenditure substudy was to create a “primary list” of approximately 62 participants from each Field Center from each race/gender subgroup through sampling with replacement. “Replacement lists” of approximately 200 participants in each race/gender subgroup were also generated. Whenever a participant from the “primary list” was ineligible or refused to participate, a participant from the same race/gender subgroup was called from the replacement list to determine eligibility and willingness to participate. Replacements whose clinic visit target window was near that of the original participant were to be contacted until an eligible and willing participant was found to replace the original participant from the “primary list.”

Unfortunately, a worldwide shortage of doubly labeled water drastically slowed the ability of the clinics to schedule these exams and many participants from the “primary list” were far out of their clinic visit windows before doubly labeled water was available for their exams. Therefore, participants still in their clinic visit windows were contacted from the “primary list” whenever water was available and, if they were ineligible or refused, the Field Center tried to recruit a replacement from the “replacement list.” In addition, it was found that the Field Centers had a more difficult time recruiting African-American participants, both male and female.

Consequently, at the end of Year 2, the Energy Expenditure substudy sample fell far short of the goal of 500 participants (194 recruited) and was unbalanced with respect to race as well as with respect to Field Center within race/gender subgroups. The substudy was extended into Year 3 and a new “primary list” created for each race/gender subgroup, but the subgroup samples were enriched with participants in the race/gender categories most lacking at each Field Center. A total of 150 (or all available) “replacement” participants from each race/gender subgroup was also sampled for the “replacement list.” The shortage of doubly labeled water continued throughout Year 3, so that the final total sample size was only 322.

### **2. Sample characteristics:**

There are 586 records in the database (all participants with any pre-screener data or other EE form data). The race and gender breakdown of participants enrolled in this substudy (based on those included in the EE Reading Center data) is as follows:

	N
African-American female	77
African-American male	75
White female	86
White male	84
Total	322

Of these, 20 either did not return for their Visit 2, one or more samples were lost or unusable, or their measurements failed QC standards, and therefore one or more components of their energy expenditure measurement could not be calculated (see Appendix II); five ended up with no usable Reading Center data at all. Valid total energy expenditures (TEE) were obtained from 304 participants, and valid RMRs were obtained from 312 participants. A total of 302 participants had both valid TEE and RMR.

### **3. Data sources:**

The dataset for this substudy (Y3EEFFQ.sd2) comes from the following Year 2 forms for those whose EE visits occurred during Year 2: Pre-Visit Screener for Energy Expenditure, Year 2 Clinic Visit Workbook (Food Frequency Questionnaire pages 9-16 and Energy Expenditure Visit 1 pages 46-47), and the Energy Expenditure (Visit 2) workbook. For those whose EE visits occurred during Year 3, the forms were Year 3 Pre-Visit Screener for Energy Expenditure, Year 3 Energy Expenditure Visit 1 workbook, and the Year 3 Energy Expenditure (Visit 2) workbook (which includes a repeated Food Frequency Questionnaire). Only the participants who had their Energy Expenditure visits in Year 3 had a second Food Frequency Questionnaire, and their Year 2 data are not included in this dataset. All of the form data have been combined and renamed so that data from year 2 and year 3 have the same variable names (see annotated forms Appendix III). A visit variable (YEAR) has been added to distinguish which participants were examined in Year 2 and which in Year 3. All participants with Pre-Visit Screeners are included even if they did not go on to have an Energy Expenditure measurement. Therefore the total dataset has an N of 586.

These data are merged with the Energy Expenditure Reading Center database (see variable list Appendix IV) and the data from the appropriate year for each participant from the Food Frequency Reading Center (see variable list, Appendix V). Please note that not all variables on the lists are contained in the dataset. All variables not found in the dataset are listed in Dropped Variables and Alternates (Appendix I). Alternate variables to use (if applicable) are also listed. A complete list of variable names can be found in the Proc Contents (Appendix VI and zipped with data file).

### **4. Dataset structure and contents**

The Y23EEFFQ datasets contains a single observation per participant.

Key variables:

HABCID	HABC Enrollment ID without the 2-letter prefix
SITE	HABC Clinic site: 1=Memphis; 2=Pittsburgh
YEAR	Year participant had the exam

### **5. Special Missing Value Codes**

SAS allows for stratification of missing values. The following missing values have been assigned:

- . = 'Missing Form'
- .A = 'A:Not Applicable'
- .E = 'E:Special Missing'
- .L = 'L:Permanently Lost'
- .M = 'M:Missing'
- .N = 'N:Not Required'
- .T = 'T:Missing Due to Technical Problems'
- .U = 'Unacceptable'

#### **Description**

##### **. : Missing Form**

Used when a value is missing because the entire form has not been entered or the participant does not exist in the database from the corresponding Reading Center.

##### **A: Not Applicable**

Used when a value is missing but the value is not required (due to simple skip pattern logic)

### **L: Permanently Lost**

Used to flag a tracking variable when a measurement involving a Reading Center was done, but the data either never made it to the Reading Center, or was lost at the Reading Center. Every effort was made to track down these data before they were declared "permanently lost" and the flag assigned. .L is also used to flag Energy Expenditure Reading Center data when measurements are missing due to lost samples.

### **M:Missing**

Used to flag missing values when the value is required (i.e., true missing values).

### **N:Not Required**

Used when a value is missing but the value is not required (not due to simple skip pattern logic). For example, for checkbox variables which are "Check all that apply": each one, individually, is not required. Some variables whose skip pattern logic is non-standard (i.e., the skip pattern involves several variables and forms) also have .N flags when missing, whether or not a response was required due to the skip pattern. In all of these cases, a special cross check was used to edit missing responses.

### **T:Missing Due to Technical Problems**

Used when a value is missing from the Reading Center dataset due to technical difficulties. An explanation of when this value has been assigned can be found under Known data errors below.

### **U:Unacceptable**

Used with certain Reading Center data when the data exist but cannot be used. These include EE measurements that failed QC standards and MRI data when readings could not be used.

## **6. Dataset index formulation and key variable mapping**

Y23EEFFQ is sorted by HABCID, which is a unique identifier for each participant.

## **7. General strategies for manipulating and merging the data**

Because the Health ABC datasets are sorted by Health ABC Enrollment ID, the HABCID variable is most useful for merging with other datasets. YEAR will allow the analyst to merge these files with the clinic visit data for the applicable year.

## **8. Known data errors:**

The Reading Center reported receipt of baseline urine enriched with isotopes for 2 participants, which resulted in their not being able to calculate one or more components of their energy expenditure measurement. In addition, either the isotope measurements or the RMR measurements of 9 participants failed QC standards. The affected variables were coded to .U for both groups. Critical samples were never received by the Reading Center for a further 4 participants. The affected variables for these participants have been marked with the special missing value code .L (see Special Missing Value Codes, above). Five participants did not complete the protocol and had all measurements coded .M.

**After the previous dataset was released (version 3.13), it was discovered that HA2431 had an incorrect EENONBAS. EERMUR had not been subtracted from EETEE. HA1444 and HB5681 also have EENONBAS=EETEE. These two participants had invalid EERMUR (set to .U). Their**

**EENONBAS, too, should have been set to missing (.U). In addition, the variables BFxxTIMyy were inadvertently included. The correct variables to use are the corresponding EExxTIMyy. Note that if a participant did not do activity xx, then EExxTIMyy would be 0. And, finally, in some cases where the activity was done for less than an hour, EExxTIMyy is missing. If there is a value for BFxxTIMyy, this may be substituted. These problems have been corrected in this release (version 3.14).**

Methanol burns identified small drifts in both Deltatracs that required recalibration of the flow rates. These were done in Memphis on 7-9-98 (-1.8%) during the post-delivery instrument validation and on 5-7-99 (-1.4%). Recalibrations were done in Pittsburgh on 9-22-98 (-4.9%) during the post-delivery instrument validation, on 4-27-99 (-3.5%), on 4-25-00 (+2.8%), and on 6-2-00 (-8.1%). The small drift measured on the Memphis instrument is not unusual. Indeed it is the reason that methanol burns are performed on a regular basis. No correction to participants' data was required.

The changes in the calibration for the Pittsburgh instrument were large. The instrument was twice returned to the manufacturer for repair (Dec. 1999 and Jan. 1999). No participants were entered in the EE study between Dec. 15, 1999 and March 10, 2000, which is the period of worst performance. The biases introduced by some of calibration problems in Pittsburgh did require correction of RMR. The RMR values determined for the period (Nov 1-Dec 15, 1999) were corrected for the error in the oxygen data. The correction was -7% for RQ and +5% for RMR. RMR values were also corrected by -5% between May 1 and May 24, 2000 and -8% between May 24 and June 2, 2000.

For all periods outside those described above, carbon dioxide recovery averaged  $100.1 \pm 1.4\%$  at the Pittsburgh site and  $100.5 \pm 1.5$  at the Memphis site. Respiratory ratios averaged  $0.683 \pm 0.015$  at the Pittsburgh site and  $0.666 \pm 0.014$  at the Memphis site. The respiratory ratios for methanol differed by 2.5% between sites ( $P < 0.001$ ) and did not demonstrate a trend with time. Thus the respiratory ratios for participants enrolled at Pittsburgh were corrected with division by 1.025.

## **9. Reproducibility analyses**

Blinded repeat isotopic analyses were completed by the Reading Center on 16 participants (5%). Results were generally within the limits of expectation predicted for the typical analytical variation in the EE Reading Center. The average TBW for the primary analysis was  $34.0 \pm 7.6$  vs.  $34.0 \pm 7.7$  kg for the blinded repeats. The within-individual repeatability was calculated as the average percent difference between run 1 and run 2. This was  $-0.1 \pm 1.2\%$ . The analytical precision for the single primary analysis was therefore  $1.2/1.4 = 0.9\%$ . The average TEE for the primary analysis was  $8.94 \pm 1.86$  vs.  $9.08 \pm 1.78$  kJ/d for the blinded repeats. The within-individual repeatability was calculated as the average percent difference between run 1 and run 2. This was  $1.2 \pm 5.4\%$ . The analytical precision for the single primary analysis was therefore  $6.1/1.4 = 4.4\%$ . This is not different from the theoretical value of 3.6%. The only concern was that two blinded repeats lay outside of the control limits of  $\pm 10\%$ . In addition, four of the 16 analyses graded lower than the primary analysis. Three were graded B instead of A and one graded C instead of B.

**Appendix I**  
**DROPPED VARIABLES AND ALTERNATES**

Variable omitted	Variable to use
EEACHRS	EEACTIME
EEACMINS	EEACTIME
EEAMPM11	EETM1124
EEAMPM12	EETM1224
EEAMPM21	EETM2124
EEAMPM22	EETM2224
EEAMPM31	EETIM3124
EEAMPMB	EETIMB24
EEAMPMO1	EETMO124
EEAMPMO2	EETMO224
EEAMPMO3	EETMO324
EEAMPMS	EETIMS24
EEAMPMSU	EETMSU24
EEBOT	N/A (bookkeeping)
EEEWHR	EEEWTIM
EEEWMIN	EEEWTIM
EEHCHR	EEHCTIME
EEHCMIN	EEHCTIME
EEHIA1HR	EEHIA1TM
EEHIA1MN	EEHIA1TM
EEHIA2HR	EEHIA2TM
EEHIA2MN	EEHIA2TM
EEHIA3HR	EEHIA3TM
EEHIA3MN	EEHIA3TM
EEHIA4HR	EEHIA4TM
EEHIA4MN	EEHIA4TM
EELOT	N/A (bookkeeping)
EELWHR	EELWTIME
EELWMIN	EELWTIME
EEMIA1HR	EEMIA1TM
EEMIA1MN	EEMIA1TM
EEMIA2HR	EEMIA2TM
EEMIA2MN	EEMIA2TM
EEMIA3HR	EEMIA3TM
EEMIA3MN	EEMIA3TM
EEMIA4HR	EEMIA4TM
EEMIA4MN	EEMIA4TM
EEOWHR	EEOWTIM
EEOWMIN	EEOWTIM
EEPAHR	EEPATIME
EEPAMIN	EEPATIME
EETIME11	EETM1124
EETIME12	EETM1224

<b>Variable omitted</b>	<b>Variable to use</b>
EETIME21	EETM2124
EETIME22	EETM2224
EETIME31	EETIM3124
EETIMEB	EETIMB24
EETIMEO1	EETMO124
EETIMEO2	EETMO224
EETIMEO3	EETMO324
EETIMES	EETIMS24
EETIMSU	EETMSU24
EETRHR	EETRTIME
EETRMINS	EETRTIME
EEV2DATE	N/A (bookkeeping)
FQY2STID	N/A (bookkeeping)

## Appendix II

### NOTES ON INCOMPLETE DATA

<b>Participant</b>	<b>Missing data</b>	<b>Comment</b>
HA1030	All except TBW	Participant did not complete the Visit 2 protocol
HA1213	All	Participant did not complete the Visit 1 protocol, did not return for Visit 2
HA1331	All	Participant did not complete the protocol (never dosed?)
HA1418	TEE, rH2O	Failed QC, 18% error EE1 to EE2
HA1444	RMR, RQ	Failed QC-excessive minute by minute variation
HA1492	All	Participant did not complete the protocol
HA1536	TEE, TBW, Water turnover	Missing or lost specimens
HA1569	TEE, TBW, Water turnover	Missing or lost baseline
HA1718	TEE, Water turnover	Failed QC, 31% difference EE1 to EE2
HA1858	TEE, Water turnover	Final enrichment too low due high water turnover
HA2104	TEE, TBW, Water turnover	Enriched baseline
HA2190	TEE	Failed QC, 11% difference EE1 to EE2
HA2458	All	Participant did not complete the protocol, hospitalized
HB5681	RMR	Failed QC-excessive minute by minute variation
HB5699	TEE	Failed QC
HB5834	All but TBW	Participant refused EE Visit 2
HB5718	All but TBW	Participant did not complete the Visit 2 protocol
HB6443	All	Participant did not complete the Visit 2 protocol
HB6449	TEE, TBW, Water turnover	Enriched baseline
HB6567	TEE, TBW, Water turnover	Failed QC, relative dilution spaces out of range

## Appendix III

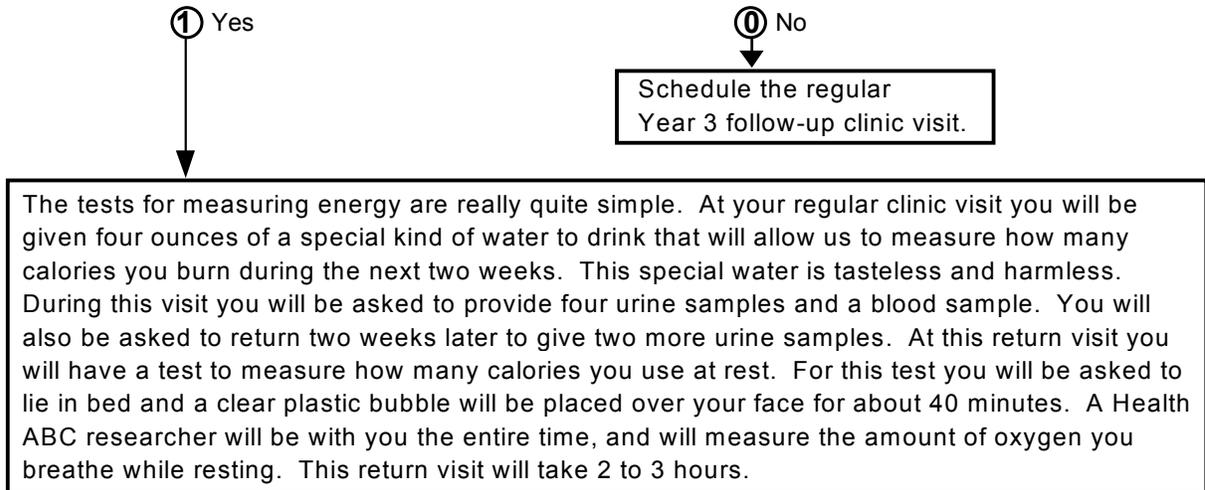
### ENERGY EXPENDITURE AND FOOD FREQUENCY FORMS

HABC Enrollment ID #	Acrostic	Date Form Completed	Staff ID #
H [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ]	<b>PEDATE</b> [ ] / [ ] / [ ] [ ] [ ]	[ ] [ ] [ ] [ ]
HABCID	ACROSTIC	Month Day Year	PESTFID

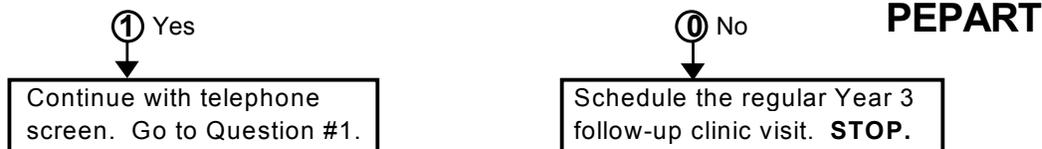
## PRE-VISIT SCREENER FOR ENERGYEXPENDITURE

Script: We would like you to participate in a special study of energy use as part of your upcoming visit. This study involves measuring how many calories you burn at rest and in doing your normal daily activities. The testing procedures aren't painful and can't harm you. You will, however, need to come back to the Health ABC clinic about two weeks after your regular visit. This extra exam will take 2 to 3 hours and you will receive \$20 and learn how many calories you use.

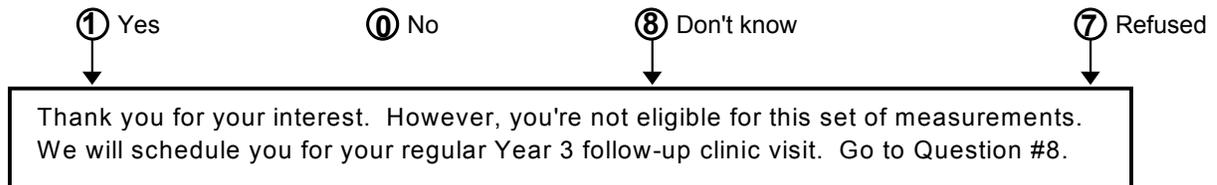
Would you like to hear more about this study of energy use? **PEMORE**



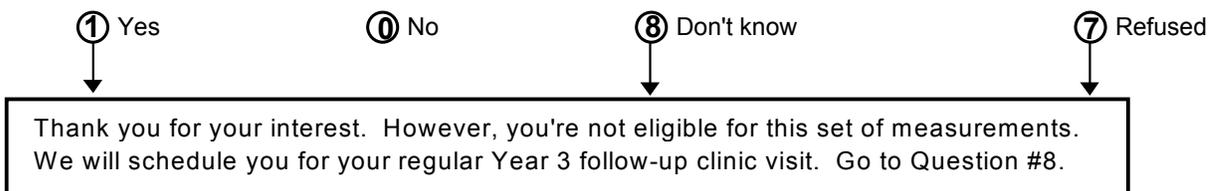
Would you like to participate?



**1** Are you currently using insulin by injection for diabetes? **PEDIAB**



**2** Are you taking supplemental oxygen? **PEOXY**





## PRE-VISIT SCREENER FOR ENERGY EXPENDITURE

**3** Have you traveled more than 200 miles from your home in the past week? **PETRAV1**

① Yes

② No

⑧ Don't know

⑦ Refused

Thank you for your interest. However, you're not eligible for this set of measurements. We will schedule you for your regular Year 3 follow-up clinic visit. Go to Question #8.

**4** Are you planning a trip that is more than 200 miles from your home in the next 4 weeks? **PETRAV2**

① Yes

② No

⑧ Don't know

⑦ Refused

Thank you for your interest. However, you're not eligible for this set of measurements. We will schedule you for your regular Year 3 follow-up clinic visit. Go to Question #8.

**5** Are you scheduled for major surgery in the next 4 weeks? **PESURG**

① Yes

② No

⑧ Don't know

⑦ Refused

Thank you for your interest. However, you're not eligible for this set of measurements. We will schedule you for your regular Year 3 follow-up clinic visit. Go to Question #8.

**6** Have you received a blood transfusion or any IV fluids in the past week? **PEIV**

① Yes

② No

⑧ Don't know

⑦ Refused

Thank you for your interest. However, you're not eligible for this set of measurements. We will schedule you for your regular Year 3 follow-up clinic visit. Go to Question #8.

**7** The test for measuring energy use involves placing a plastic bubble over your head. Air will circulate through the bubble and a Health ABC researcher will be with you during the test. Do you think you would be comfortable during this test? **PECLAUST**

① Yes

② No

⑧ Don't know

⑦ Refused

**(Interviewer Note: Probe for claustrophobia.)**  
Thank you for your interest. However, you're not eligible for this set of measurements. We will schedule you for your regular Year 3 follow-up clinic visit. Go to Question #8.



## PRE-VISIT SCREENER FOR ENERGY EXPENDITURE

8 Is the participant eligible for the Energy Expenditure Substudy?

① Yes

② No

**PEELIG**

STOP.

9 Has the participant been scheduled for the post-dosing EE visit (EE Visit 2) for the energy expenditure measurements?

① Yes

② No

**PESCHED**

Date of EE Visit 2?

		/			/		
Month			Day			Year	

**PEV2DATE**

Why not?

---

---

---

---



HABC Enrollment ID #	Acrostic	Date Form Completed	Staff ID #
H [ ] [ ] [ ] [ ] [ ]	[ ] [ ] [ ] [ ] [ ]	[ ] / [ ] / [ ] [ ] [ ]	[ ] [ ] [ ] [ ]
<b>HABCID</b>	<b>ACROSTIC</b>	Month Day Year	<b>EESTFID1</b>

**ENERGY EXPENDITURE VISIT 1**

**EEDATE**

**1** Weight: [ ] [ ] [ ] [ ] [ ] kg

*(Examiner Note: Do not re-weigh the participant. Refer to page 7 in the Year 3 Clinic Visit Workbook and re-record weight here.)*

**2** Have you traveled more than 200 miles from your home in the past week?  
 Yes     No     Don't know     Refused

**EETRAV1**

Not eligible for energy expenditure measurements. Go to Question #4.

**3** Have you received a blood transfusion or any intravenous fluids in the past week?  
 Yes     No     Don't know     Refused

**EEIV1**

Not eligible for energy expenditure measurements. Go to Question #4.

**4** Is participant eligible for the Energy Expenditure Substudy?  
 Yes     No

**EEELIG**

STOP.

**5** How many hours ago did you eat or drink anything (do not include water)?

**EEHRS1** [ ] [ ] hours ago     Don't know     Refused    **EEHRSREF**

a. Was it less than 4 hours since the participant had something to eat or drink (do not include water)?

Yes     No    **EE4HRS**

Ask participant to wait until 4 hours has elapsed since last food/drink was consumed before proceeding.

**6** Baseline urine specimen time (U0): [ ] [ ] : [ ] [ ]

am     pm    **EEAMPMB**

**EETIMEB**

**7** **EEDLW** Dose of DLW: [ ] [ ] [ ] [ ] grams

**EELOT** Lot number: [ ] [ ] [ ] [ ]

**EEBOT** Bottle number: [ ] [ ] [ ] [ ]

a. Was there spillage of DLW?

Yes     No

**EESPIILL**

**8** Time of 1st post-dose urine (U1): **EETIME11**   :     **1** am **2** pm **EEAMPM11**

**9** Time of 2nd post-dose urine (U2): **EETIME21**   :     **1** am **2** pm **EEAMPM21**

**10** Time of 3rd post-dose urine (U3): **EETIME31**   :     **1** am **2** pm **EEAMPM31**

**11** Time of post-dose serum (S1) (collect with 3rd post-dose urine): **EETIMES**   :     **1** am **2** pm **EEAMPMS**

Record the time and the volume of any fluids consumed after dose and wash:

**12** Sustical: **EESUS** **1** Yes **0** No Time: **EETIMSU**   :     **1** am **2** pm **EEAMPMSU** Volume: **EEVOLSU**    ml

Other: **EEOTH** **1** Yes **0** No

Please specify what fluids were consumed:

a.	<b>EETIMEO1</b>	Time: <input type="text"/> <input type="text"/> : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<b>EEAMPMO1</b>	<b>1</b> am <b>2</b> pm	Volume: <input type="text"/> <input type="text"/> <input type="text"/> ml	<b>EEVOLOT1</b>
b.	<b>EETIMEO2</b>	Time: <input type="text"/> <input type="text"/> : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<b>EEAMPMO2</b>	<b>1</b> am <b>2</b> pm	Volume: <input type="text"/> <input type="text"/> <input type="text"/> ml	<b>EEVOLOT2</b>
c.	<b>EETIMEO3</b>	Time: <input type="text"/> <input type="text"/> : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<b>EEAMPMO3</b>	<b>1</b> am <b>2</b> pm	Volume: <input type="text"/> <input type="text"/> <input type="text"/> ml	<b>EEVOLOT3</b>



HABC Enrollment ID # H [ ] [ ] [ ] [ ] [ ]	Acrostic [ ] [ ] [ ] [ ] [ ]	Date Form Completed [ ] / [ ] / [ ] [ ] [ ] Month Day Year	Staff ID # [ ] [ ] [ ] [ ]
---	---------------------------------	--	-------------------------------

**ENERGY EXPENDITURE (VISIT 2)**

Date of Year 3 clinic visit: [ ] [ ] / [ ] [ ] / [ ] [ ] [ ]  
Month Day Year

Number of days elapsed since Year 3 clinic visit: [ ] [ ] days

**EEDATE2 EESTFID2 EEDYEL**

1 Weight: [ ] [ ] [ ] [ ] [ ] kg (Examiner Note: Weigh participant at this visit.)

**EEWEIGHT**

2 Since your last clinic visit about 2 weeks ago, did you cut down on the things you usually do, such as going to work or working around the house, because of an illness or injury?

Yes  No  Don't know  Refused

**EECUT**

3 Have you traveled more than 200 miles from your home since your last clinic visit several weeks ago?

Yes  No  Don't know  Refused

**EETRAV2**

Please describe: \_\_\_\_\_

4 Have you received a blood transfusion or any intravenous fluids since your last clinic visit several weeks ago?

Yes  No  Don't know  Refused

**EEIV2**

5 How many hours ago did you eat or drink anything (do not include water)? [ ] [ ] hours ago  Don't know  Refused

**EEHRS2**

**EEHRSR**

a. Was it less than 6 hours since the participant had something to eat or drink (do not include water)?

Yes  No **EE6HRS**

Ask participant to wait until 6 hours has elapsed since last food/drink was consumed before proceeding. If the participant would have to wait more than 2 hours, re-schedule within the next few days. Remind the participant to fast.

6 Have you smoked a cigarette, pipe, or cigar in the past 2 hours?

Yes  No  Don't know  Refused

**EESMOKE**

7 Have you had a cup of coffee or another caffeinated beverage in the past 2 hours?

Yes  No  Don't know  Refused

**EEOFFEE**

8 **EETIME12** Time of 1st urine: [ ] [ ] : [ ] [ ]  am  pm **EEAMPM12**

9 **EETIME22** Time of 2nd urine: [ ] [ ] : [ ] [ ]  am  pm **EEAMPM22**

Resting energy expenditure summary:

10 Date: [ ] [ ] / [ ] [ ] / [ ] [ ] [ ]  
Month Day Year

11 MJ/d: [ ] [ ] [ ] [ ] SD: [ ] [ ] [ ] [ ]

12 Resp. Quotient: [ ] [ ] [ ] [ ] SD: [ ] [ ] [ ] [ ]

13 Room temperature: [ ] [ ] ° Centigrade

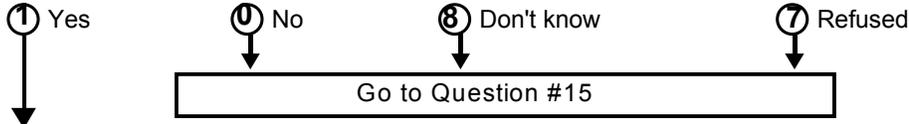
**EERTEMP**

Draft



Now I'm going to ask some questions about the type and amount of physical activity that you did since we last saw you, (XX) days ago, on (day of week, month, and date seen).

**14** Since we last saw you here, did you do gardening or yardwork, like mowing or raking the lawn, or weeding (or shoveling snow)? **EEPA12MO**



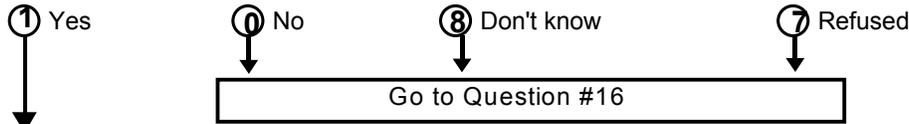
About how much time did you spend gardening or doing yardwork since we last saw you here (not counting rest periods)?  
*(Interviewer Note: If less than one hour, record number of minutes.)*

    
       
  -1 Don't know     
 **EEPADK**

Hours      Minutes

**EEPAHRS      EEPAMINS**

**15** Since we last saw you here, did you do heavy or major chores like scrubbing windows or walls, vacuuming or cleaning gutters; home maintenance activities like painting; gardening or yardwork; or anything like these activities? **EEHC12MO**



About how much time did you spend doing heavy chores or home maintenance activities since we last saw you here (not counting rest periods)?  
*(Interviewer Note: If less than one hour, record number of minutes.)*

    
       
  -1 Don't know     
 **EEHCDK**

Hours      Minutes

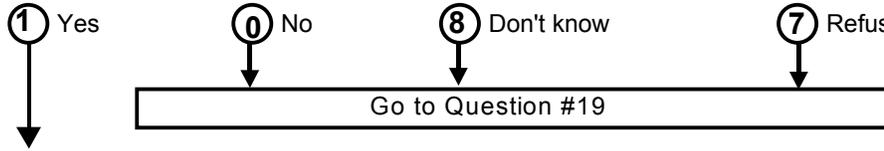
**EEHCHRS      EEHCMINS**





**18** Since we last saw you here, did you walk up a flight of stairs (a flight is about 10 steps)?

**EEFS12MO**



**a.** About how many flights did you walk up since we last saw you here?  
If you are unsure, please make your best guess.

flights

**EEFSNUM**

**-1** Don't know

**EEFSNUMD**

**b.** About how many of these flights did you walk up carrying a small load like laundry, groceries, or an infant?

flights

**EEFSLOAD**

**-1** Don't know

**EEFSLDDK**



19

Since we last saw you, did you go walking for exercise?

EEEW12MO

1 Yes

0 No

8 Don't know

7 Refused

Go to Question #20

a. How many times did you go walking for exercise since we last saw you here?

EEEWTIME times

--	--

-1 Don't know

EEEWTKMDK

b. About how much time, on average, did you spend walking each time you walked (excluding rest periods)?

(Interviewer Note: If less than 1 hour, record number of minutes.)

EEEWHRS EEEWMINS

Hours	Minutes		

-1 Don't know

EEEWTKDK

c. When you walked for exercise, did you usually walk at a brisk pace (as fast as you can), a moderate pace, or at a leisurely stroll?

- 1 brisk
- 2 moderate
- 3 stroll
- 8 Don't know

EEEWSPACE

d. About how many blocks, on average, did you walk each time?

--	--	--	--	--

blocks

EEEWBLUK

-1 Number of blocks unknown

EEEWBLOX

Do you know how far you usually walk in something other than blocks, e.g., mall lengths, miles, laps around a track?

1 Yes

EEEWKNOW

0 No

i. What is the unit of measure?

- 1 Miles
- 2 Mall lengths
- 3 Laps around a track
- 4 Other *Please specify:*

EEEWMEAS

--	--	--	--	--	--	--	--	--	--

EEEWUNIT

ii. How many do you walk, on average?

EEEWNUMU

--	--	--	--	--

units

-1 Don't know

EEEWUNDK

What is the main reason you did not go walking for exercise since we last saw you here?

(Interviewer Note: OPTIONAL - Show card #2.)

- 1 bad weather
- 2 not enough time
- 3 injury
- 4 health problems
- 5 lost interest
- 6 felt unsafe
- 7 not necessary
- 9 don't usually walk for exercise
- 8 other

EEEWREAS

Go to Question #20

--	--	--	--







**23** Since we last saw you here, did you do any high intensity exercise such as bicycling, swimming, jogging, racquet sports or using a stair-stepping, rowing or cross country ski machine or exercycle?

**EEHI12MO**

① Yes

② No

⑧ Don't know

⑦ Refused

Go to Question #24

**a.** What activity(ies) did you do?  
(Interviewer Note: *OPTIONAL - Show card #3. Check all that apply.*)

- ① bicycling/exercycle **EEHIABE**
- ① swimming **EEHIASWM**
- ① jogging **EEHIAJOG**
- ① aerobics **EEHIAAER**
- ① stair-stepping **EEHIASS**
- ① racquet sports **EEHIARS**
- ① rowing machine **EEHIAROW**
- ① cross country ski machine **EEHIASKI**
- ① other (Please specify): **EEHIAOTH**

**b.** About how much time did you spend doing (first activity named by participant) since we last saw you here?  
(Interviewer Note: *If less than 1 hour, record number of minutes.*)

**EEHIA1DK**  
 Hours Minutes ① Don't know

**EEHIA1HR EEHIA1MN**

Go to Question #23c

What is the main reason you have not done any high intensity exercise since we last saw you here?

(Interviewer Note: *OPTIONAL - Show card #4.*) **EEHINDEX**

- ① bad weather
- ② not enough time
- ③ injury
- ④ health problems
- ⑤ lost interest
- ⑥ felt unsafe
- ⑦ not necessary
- ⑨ don't usually do high intensity exercise
- ⑧ other

Go to Question #24



**23c.** Did you do (*first activity named by participant*) with a light, moderate, or vigorous effort?

- ① light
- ② moderate
- ③ vigorous
- ⑧ Don't know

**EEHIA1EF**

**d.** Since we last saw you here, about how much time did you spend doing (*second named activity*)?  
(*Interviewer Note: If less than 1 hour, record number of minutes.*)

Hours		Minutes	

① Don't know

**EEHIA2DK**

**EEHIA2HR**      **EEHIA2MN**

**e.** Did you do (*second named activity*) with a light, moderate, or vigorous effort?

- ① light
- ② moderate
- ③ vigorous
- ⑧ Don't know

**EEHIA2EF**

**f.** Since we last saw you here, about how much time did you spend doing (*third named activity*)?  
(*Interviewer Note: If less than 1 hour, record number of minutes.*)

Hours		Minutes	

① Don't know

**EEHIA3DK**

**EEHIA3HR**      **EEHIA3MN**

**g.** Did you do (*third named activity*) with a light, moderate, or vigorous effort?

- ① light
- ② moderate
- ③ vigorous
- ⑧ Don't know

**EEHIA3EF**

**h.** Since we last saw you here, about how much time did you spend doing (*fourth named activity*)?  
(*Interviewer Note: If less than 1 hour, record number of minutes.*)

Hours		Minutes	

① Don't know

**EEHIA4DK**

**EEHIA4HR**      **EEHIA4MN**

**i.** Did you do (*fourth named activity*) with a light, moderate or vigorous effort?

- ① light
- ② moderate
- ③ vigorous
- ⑧ Don't know

**EEHIA4EF**



**24** Since we last saw you here, did you do any moderate intensity exercise such as golf, bowling, dancing, skating, bocce, table tennis, hunting, sailing or fishing?

**EEMI12MO**

① Yes

② No

③ Don't know

④ Refused

Go to Question #25

**a.** What activity(ies) did you do?  
(Interviewer Note: **OPTIONAL** - Show card #5.  
Check all that apply.)

- ① golf **EEMIGOLF**
- ① bowling **EEMIBOWL**
- ① dancing **EEMIDANC**
- ① skating **EEMISKAT**
- ① bocce **EEMIBOCC**
- ① table tennis **EEMITENN**
- ① billiards/pool **EEMIPOOL**
- ① hunting **EEMIHUNT**
- ① sailing/boating **EEMIBOAT**
- ① fishing **EEMIFISH**
- ① other (Please specify):

**EEMIOT1**

**b.** About how much time did you spend doing (first activity named by participant) since we last saw you here?  
(Interviewer Note: If less than 1 hour, record number of minutes.)

Hours Minutes

**EEMIA1DK**  
① Don't know

**EEMIA1HR EEMIA1MN**

Go to Question #24c

What is the main reason you have not done any moderate intensity exercise since we last saw you here?

(Interviewer Note: **OPTIONAL** - Show card #6.)

**EEMINDEX**

- ① bad weather
- ② not enough time
- ③ injury
- ④ health problems
- ⑤ lost interest
- ⑥ felt unsafe
- ⑦ not necessary
- ⑨ don't usually do moderate intensity exercise
- ⑧ other

Go to Question #25



**24c.** Did you do (first activity named by participant) with a light, moderate, or vigorous effort?

- ① light **EEMIA1EF**
- ② moderate
- ③ vigorous
- ⑧ Don't know

**d.** Since we last saw you here, about how much time did you spend doing (second named activity)?  
(Interviewer Note: If less than 1 hour, record number of minutes.)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>-1</b> Don't know	<b>EEMIA2DK</b>
Hours	Minutes				

**EEMIA2HR EEMIA2MN**

**e.** Did you do (second named activity) with a light, moderate, or vigorous effort?

- ① light
- ② moderate **EEMIA2EF**
- ③ vigorous
- ⑧ Don't know

**f.** Since we last saw you here, about how much time did you spend doing (third named activity)?  
(Interviewer Note: If less than 1 hour, record number of minutes.)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>-1</b> Don't know	<b>EEMIA3DK</b>
Hours	Minutes				

**EEMIA3HR EEMIA3MN**

**g.** Did you do (third named activity) with a light, moderate, or vigorous effort?

- ① light
- ② moderate **EEMIA3EF**
- ③ vigorous
- ⑧ Don't know

**h.** Since we last saw you here, about how much time did you spend doing (fourth named activity)?  
(Interviewer Note: If less than 1 hour, record number of minutes.)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>-1</b> Don't know	<b>EEMIA4DK</b>
Hours	Minutes				

**EEMIA4HR EEMIA4MN**

**i.** Did you do (fourth named activity) with a light, moderate or vigorous effort?

- ① light
- ② moderate **EEMIA4EF**
- ③ vigorous
- ⑧ Don't know



**WORK, VOLUNTEER,  
&  
CAREGIVING ACTIVITIES**

This next set of questions concern any work, volunteer, caregiving and social activities that you do.

**25** Since we last saw you here, did you work for pay, either at a regular job, consulting, or doing odd jobs?

1 Yes     
  0 No     
  8 Don't know     
  7 Refused

↓ ↓ ↓ ↓

Go to question #26

**EEVWCURJ**

**a.** About how many hours did you work since we last saw you here?

hours     
  -1 Don't know

**EEVWAHWR      EEVWDK**

**b.** Which of the following categories best describes the type of activity you did?  
(Interviewer Note: **REQUIRED - Show card #6.**)

- 1 Mainly sitting      **EEVWWACT**
- 2 Sitting, some standing and/or walking
- 3 Mostly standing and/or walking
- 4 Mostly walking and lifting and/or carrying;  
heavy manual work

**26** Since we last saw you here, did you do any volunteer work?

1 Yes     
  0 No     
  8 Don't know     
  7 Refused

↓ ↓ ↓ ↓

Go to question #27

**EEVWCURV**

About how many hours did you volunteer since we last saw you here?

hours     
  -1 Don't know

**EEVWAHVW      EEVWADK**





**28** Do you eat less than you want to because you are concerned about what you weigh? Would you say...?  
*(Interviewer Note: Read response options. OPTIONAL - Show card #8)*

- 1 Always
- 2 Usually
- 3 Sometimes
- 4 Rarely
- 5 Never
- 8 Don't know
- 7 Refused

**EEEATLS**

**29** Please answer true or false to the following statements:

<b>a.</b> When I have eaten my quota of calories, I am usually good about not eating any more. <b>EEAEBQUO</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>b.</b> I deliberately take small helpings as a means of controlling my weight. <b>EEAEBSH</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>c.</b> Life is too short to worry about dieting. <b>EEAEBLIF</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>d.</b> I have a pretty good idea of the number of calories in common foods. <b>EEAEFCAL</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>e.</b> While on a diet, if I eat food that is not allowed, I consciously eat less for a period of time to make up for it. <b>EEAEBELS</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>f.</b> I enjoy eating too much to spoil it by counting calories or watching my weight. <b>EEAEBENJ</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>g.</b> I often stop eating when I am not really full as a conscious means of limiting the amount that I eat. <b>EEAEBSTP</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>h.</b> I consciously hold back at meals in order not to gain weight. <b>EEAEBHLD</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>i.</b> I eat anything I want, any time I want. <b>EEAEBANY</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>j.</b> I count calories as a conscious means of controlling my weight. <b>EEAEBCNT</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>k.</b> I do not eat some foods because they make me fat. <b>EEAEBFAT</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused
<b>l.</b> I pay a great deal of attention to changes in my body shape. <b>EEAEBFIG</b>	<input type="radio"/> 1 True <input type="radio"/> 0 False <input type="radio"/> 8 Don't know <input type="radio"/> 7 Refused



**30** How often are you dieting in a conscious effort to control your weight? **EEAEBDIE**  
 1 Rarely     2 Sometimes     3 Usually     4 Always     8 Don't know     7 Refused

**31** Would a weight fluctuation of 5 pounds affect the way you live your life? **EEAEBFLU**  
 0 Not at all     1 Slightly     2 Moderately     3 Very much     8 Don't know     7 Refused

**32** Do your feelings of guilt about overeating help you to control your food intake? **EEAEBOVR**  
 0 Never     1 Rarely     2 Often     3 Always     8 Don't know     7 Refused

**33** How conscious are you of what you are eating? **EEAEBCON**  
 0 Not at all     1 Slightly     2 Moderately     3 Extremely     8 Don't know     7 Refused

**34** How frequently do you avoid "stocking up" on tempting foods? **EEAEBSTK**  
 1 Almost never     2 Seldom     3 Usually     4 Almost always     8 Don't know     7 Refused

**35** How likely are you to shop for low calorie foods? **EEAEBLCL**  
 1 Unlikely     2 Slightly likely     3 Moderately likely     4 Very likely     8 Don't know     7 Refused

**36** How likely are you to consciously eat slowly in order to cut down on how much you eat? **EEAEBSLW**  
 1 Unlikely     2 Slightly likely     3 Moderately likely     4 Very likely     8 Don't know     7 Refused

**37** How likely are you to consciously eat less than you want? **EEAEBLSS**  
 1 Unlikely     2 Slightly likely     3 Moderately likely     4 Very likely     8 Don't know     7 Refused

38

On a scale of 0 to 5, where 0 means no restraint in eating (eat whatever you want, whenever you want it) and 5 means total restraint (constantly limiting food intake and never "giving in") what number would you give yourself?  
(Interviewer Note: **REQUIRED - Show card #9**)

- ① 0=Eat whatever you want, whenever you want it
- ① 1=Usually eat whatever you want, whenever you want it
- ② 2=Often eat whatever you want, whenever you want it
- ③ 3=Often limit food intake, but often "give in"
- ④ 4=Usually limit food intake, rarely "give in"
- ⑤ 5=Constantly limiting food intake, never "giving in"
- ⑧ Don't know
- ⑦ Refused

EEAEBSCCL



**39** Next are a number of statements concerning personal attitudes and traits. Please tell me whether the statement is true (T) or false (F) as it pertains to you personally.

1. Before voting I thoroughly investigate the qualifications of all the candidates. <b>EEAT1</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
2. I never hesitate to go out of my way to help someone in trouble. <b>EEAT2</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
3. It is sometimes hard for me to go on with my work if I am not encouraged. <b>EEAT3</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
4. I have never intensely disliked someone. <b>EEAT4</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
5. On occasion I have doubts about my ability to succeed in life. <b>EEAT5</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
6. I sometimes feel resentful when I don't get my way. <b>EEAT6</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
7. I am always careful about my manner of dress. <b>EEAT7</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
8. My table manners at home are as good as when I eat in a restaurant. <b>EEAT8</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
9. If I could get into a movie without paying and be sure I was not seen, I would probably do it. <b>EEAT9</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
10. On a few occasions, I have given up doing something because I thought too little of my ability. <b>EEAT10</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
11. I like to gossip at times. <b>EEAT11</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
12. There have been times when I felt like rebelling against people in authority even though I knew they were right. <b>EEAT12</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
13. No matter who I am talking to, I'm always a good listener. <b>EEAT13</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
14. I can remember "playing sick" to get out of something. <b>EEAT14</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
15. There have been occasions when I took advantage of someone. <b>EEAT15</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
16. I'm always willing to admit it when I make a mistake. <b>EEAT16</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
17. I always try to practice what I preach. <b>EEAT17</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
18. I don't find it particularly difficult to get along with loud mouthed, obnoxious people. <b>EEAT18</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
19. I sometimes try to get even, rather than forgive and forget. <b>EEAT19</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
20. When I don't know something, I don't at all mind admitting it. <b>EEAT20</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
21. I am always courteous, even to people who are disagreeable. <b>EEAT21</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
22. At times, I have really insisted having things my own way. <b>EEAT22</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
23. There have been occasions when I felt like smashing things. <b>EEAT23</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
24. I would never think of letting someone else be punished for my wrong doings. <b>EEAT24</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
25. I never resent being asked to return a favor. <b>EEAT25</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused



26. I have never been irked when people present ideas different from my own. <b>EEAT26</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
27. I never make a long trip without checking the safety of my car. <b>EEAT27</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
28. There have been times when I was quite jealous of the good fortune of others. <b>EEAT28</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
29. I have almost never felt the urge to tell someone off. <b>EEAT29</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
30. I am sometimes irritated by people who ask favors of me. <b>EEAT30</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
31. I have never felt that I was punished without cause. <b>EEAT31</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
32. I sometimes think when people have a misfortune they only got what they deserved. <b>EEAT32</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused
33. I never deliberately said something that hurt someone's feelings. <b>EEAT33</b>	<input type="radio"/> True	<input type="radio"/> False	<input type="radio"/> Don't know	<input type="radio"/> Refused



HABC Enrollment ID #	Acrostic	Date Form Completed	Staff ID #
H <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> / <input type="text"/> / <input type="text"/> Month Day Year	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <b>FQSTFID</b>

Staff ID# of Year 2 FFQ Examiner  
(See Data From Prior Visits Form)

**FQY2STID**

**FQDATE**

**Examiner Note: If possible, Year 3 examiner should be different.**

## FOOD FREQUENCY QUESTIONNAIRE

### Food Introduction

Now I'd like to ask you some questions about the foods you usually eat. There are no right or wrong answers, and it is very important that we learn what you actually eat, not what you think you should eat.

This section is about your usual eating habits over the past year or so. This includes all meals or snacks, at home or in a restaurant or carry-out.

Please tell me how often, on average, you eat each food. For example, twice a week, three times a month, and so forth.

**Interviewer Note: REQUIRED - Show card #10**

Also, please tell me how much you usually eat of each food. Sometimes I'll ask "how much" as number of pieces, such as 1 egg, 2 eggs, etc. Sometimes I'll ask you to tell me the portion size you usually eat, using these models (**Interviewer Note: Show models**).

Type of Food	How often? →										How much <u>each time</u> ?			
	Never	1-11 times per year	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	Portion Size				
<b>Please tell me how often you eat each of the following foods.</b>														
Bananas <b>FQBANA</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many each time?	①	②	③	④
Fresh apples or pears <b>FQAPPL</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many?	①	②	③	④
Oranges or tangerines, not including juice <b>FQORAN</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many?	①	②	③	④
Grapefruit, not including juice <b>FQGFRU</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many?	①	②	③	④
Cantaloupe <b>FQCANT</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much?	①	②	③	④
Raw peaches, apricots, nectarines, in season <b>FQPEAC</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many?	①	②	③	④
Applesauce, fruit cocktail, canned pears <b>FQAPA</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much?	①	②	③	④
Canned, frozen or stewed peaches or apricots <b>FQCNPC</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much?	①	②	③	④
Any other fruit, like grapes, honeydew, pineapple, strawberries <b>FQOTH</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much?	①	②	③	④
	Never	1-11 times per year	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day					

Type of Food	How often? →									How much each time?				
	Never	1-11 times per year	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	Portion Size				
<b>Interviewer Note:</b> <b>REQUIRED - Show card #10</b> <b>How often do you eat...?</b> Eggs, including biscuit sandwiches, and Egg McMuffins <b>FQEGGS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many eggs each time?	①	②	③	④
Bacon <b>FQBACN</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many pieces?	①	②	③	④
Breakfast sausage, including sausage biscuits <b>FQSAUS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many pieces?	①	②	③	④
Pancakes, waffles, or French toast <b>FQPANC</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many pieces?	①	②	③	④
Cooked cereals like oatmeal, cream of wheat, or grits <b>FQOATM</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much?	②	③	④	
Any kind of cold cereal <b>FQCERE</b> <i>(Interviewer Note: If "Never" skip to Cottage Cheese)</i>	①	②	③	④	⑤	⑥	⑦	⑧	⑨					
How often do you eat Fiber or bran cereals? <b>FQFIBR</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (bowl)	②	③	④	
How often do you eat Product 19, Just Right or Total cereal? <b>FQTOTL</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (bowl)	②	③	④	
How often do you eat other cold cereals like Corn Flakes, Cheerios, Special K? <b>FQSPEK</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (bowl)	②	③	④	
How often do you use milk on cereal? <b>FQMILK</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	Don't ask				
Cottage cheese <b>FQCOTT</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much?	①	②	③	④
Other cheese or cheese spread, including on sandwiches <b>FQCHES</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many slices?	①	②	③	④
When you eat cheese is it...? <b>FQFAT1</b>	① Usually low-fat    ② Sometimes    ③ Rarely or never low-fat    ④ N/A													
Yogurt or frozen yogurt <b>FQYOGR</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much?	①	②	③	④
When you eat yogurt is it...? <b>FQFAT2</b>	① Usually low-fat    ② Sometimes    ③ Rarely or never low-fat    ④ N/A													
	Never	1-11 times per year	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day					



## FOOD FREQUENCY QUESTIONNAIRE

How often do you eat the following vegetables, including fresh, frozen, canned or in stir-fry, at home or in a restaurant?

Interviewer Note: REQUIRED- Show card #11 Type of Food	How often? →									How much each time?				
	Never	1-11 times per year	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	Portion Size				
French fries and fried potatoes <b>FQFRYS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQFRYSSZ</b>	① A	② B	③ C	④ D
White potatoes not fried, including boiled, baked, mashed & potato salad <b>FQPOTA</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQPOTASZ</b>	① A	② B	③ C	④ D
*When you ate boiled or baked potatoes, how often did you eat them <u>without</u> butter, margarine, or sour cream? <b>FQFAT3</b> ① Usually or Always      ② Often      ③ Sometimes      ④ Rarely or never														
Sweet potatoes, yams <b>FQYAMS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQYAMSSZ</b>	① A	② B	③ C	④ D
Rice, or dishes made with rice <b>FQRICE</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQRICESZ</b>	① A	② B	③ C	④ D
Stuffing or dressing <b>FQSTUF</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQSTUFSZ</b>	① A	② B	③ C	④ D
Baked beans, chili with beans, blackeye peas, any other dried beans <b>FQBEAN</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQBEANSZ</b>	① A	② B	③ C	④ D
Corn <b>FQCORN</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQCORNSSZ</b>	① A	② B	③ C	④ D
Green beans or green peas <b>FQPEAS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQPEASSZ</b>	① A	② B	③ C	④ D
Broccoli <b>FQBROC</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQBROCSZ</b>	① A	② B	③ C	④ D
Carrots, or mixed vegetables containing carrots, or stews with carrots <b>FQMVEG</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQMVEGSZ</b>	① A	② B	③ C	④ D
Spinach <b>FQSPIN</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQSPINSSZ</b>	① A	② B	③ C	④ D
Collards, mustard greens, turnip greens <b>FQGRNS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQGRNSSZ</b>	① A	② B	③ C	④ D
Cole slaw, cabbage <b>FQSLAW</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQSLAWSZ</b>	① A	② B	③ C	④ D
Green salad <b>FQGSAL</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQGSALSZ</b>	① A	② B	③ C	④ D
Raw tomatoes <b>FQTOMA</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQTOMASZ</b>	① A	② B	③ C	④ D
Salad dressing <b>FQDRES</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many <b>FQDRESSZ</b>	① 1	② 2	③ 3	④ 4
When you use salad dressing is it?: ① Always low-fat    ② Sometimes    ③ Rarely low-fat    ④ N/A <b>FQFAT4</b>														
Any other vegetable, like okra, cooked green peppers, cooked onions <b>FQOTHV</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQOTHVSSZ</b>	① A	② B	③ C	④ D
Vegetable soup, vegetable beef, chicken vegetable, or tomato soup <b>FQSOUP</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (bowl) <b>FQSOUPSZ</b>	② B	③ C	④ D	
Other soups, like chicken noodle, chowder <b>FQOTHS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (bowl) <b>FQOTHSSZ</b>	② B	③ C	④ D	

Draft



**FOOD FREQUENCY QUESTIONNAIRE**

Interviewer Note: <b>REQUIRED- Show card #12 Type of Food</b>	How often? →									How much each time?				
	Never	1-11 times per year	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	Portion Size				
Hamburgers, cheeseburgers, meat loaf, at home or in a restaurant <b>FQBURG</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQBURGSZ</b>	① Less	② Same	③ More	④ Much more
Beef, including steaks, roasts, pot roast, or in sandwiches <b>FQBEEF</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQBEEFSZ</b>	① Less	② Same	③ More	④ Much more
Liver, including chicken livers or liverwurst <b>FQLIVR</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQLIVRSZ</b>	① Less	② Same	③ More	④ Much more
Pork, including chops, roasts, pigs feet, or dinner ham <b>FQPORK</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQPORKSZ</b>	① Less	② Same	③ More	④ Much more
*When you cook red meat, how often do you trim all the fat before cooking? <b>FQFAT5</b>														
① Usually or Always    ② Often    ③ Sometimes    ④ Rarely or never    ⑤ Don't know/Don't do														
When you eat beef or pork, how often do you eat the fat? <b>FQFAT6</b>														
① Rarely or never    ② Sometimes    ③ Often eat the fat    ④ N/A														
Mixed dishes with meat, like corned beef hash, stuffed cabbage, pork chow mein, or frozen meals with meat <b>FQMIXD</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (blocks or bowl) <b>FQMIXDSZ</b>	① A	② B	③ C	④ D
Fried chicken, at home or in a restaurant <b>FQFRCH</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQFRCHSZ</b>	① Less	② Same	③ More	④ Much more
Chicken or turkey, roasted or broiled, including on sandwiches <b>FQCHIK</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQCHIKSZ</b>	① Less	② Same	③ More	④ Much more
When you eat chicken, how often do you eat the skin? <b>FQFAT7</b>														
① Rarely or never    ② Sometimes    ③ Often eat the skin    ④ N/A														
Chicken stew, chicken casserole, other mixed dishes like chicken & dumplings or frozen meals with chicken, or chicken pot pies <b>FQSTEW</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (blocks or bowl) <b>FQSTEWSZ</b>	① A	② B	③ C	④ D
Shellfish like shrimp, scallops, crabs <b>FQCRAB</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQCRABSZ</b>	① B	② C	③ D	④
Tuna, tuna salad, tuna casserole <b>FQTUNA</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much of the tuna? <b>FQTUNASZ</b>	① A	② B	③ C	④ D
Fried fish or fish sandwich, at home or in a restaurant <b>FQFISH</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQFISHSZ</b>	① Less	② Same	③ More	④ Much more
Other fish, broiled or baked <b>FQOTHF</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (model) <b>FQOTHFSZ</b>	① Less	② Same	③ More	④ Much more
Hot dogs <b>FQHDOG</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many <b>FQHDOGSZ</b>	① 1	② 2	③ 3	④ 4
Bologna, sliced ham, chicken salad, other lunch meats <b>FQMEAT</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many <b>FQMEATSZ</b>	① 1	② 2	③ 3	④ 4
When you eat lunch meats, are they...? <b>FQFAT8</b>														
① Usually low-fat    ② Sometimes    ③ Rarely low-fat    ④ N/A														
Spaghetti or other pasta with tomato sauce, like lasagna <b>FQPAST</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (bowl or blocks) <b>FQPASTSZ</b>	① A	② B	③ C	④ D
Cheese dishes <u>without</u> tomato sauce, like macaroni and cheese, or cheese grits <b>FQMACA</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? (bowl or blocks) <b>FQMACASZ</b>	① B	② C	③ D	④
Pizza, including carry out <b>FQPIZZ</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many slices? <b>FQPIZZSZ</b>	① 1	② 2	③ 3	④ 4

Draft



Interviewer Note: REQUIRED - Show card #13	How often? →										How much each time?				
	Never or less than once per month	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	2+ times per day	Portion Size					
<b>Now I'm going to ask you about five different types of bread. How often do you eat...?</b>															
Biscuits, muffins <b>FQMUFF</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	What size? <b>FQMUFFSZ</b>	①	②	③	④	
Rolls, hamburger buns, English muffins, bagels <b>FQROLL</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many pieces each <b>FQROLLSZ</b>	①	②	③	④	
White bread, including French, Italian, or in sandwiches <b>FQWBRD</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many slices each <b>FQWBRDSZ</b>	①	②	③	④	
Whole wheat, rye, other dark breads <b>FQDBRD</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many slices each <b>FQDBRDSZ</b>	①	②	③	④	
Cornbread, corn muffins, hush puppies <b>FQCBRD</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQCBRDSZ</b>	①	②	③	④	
Butter or margarine on bread or on potatoes, vegetables, etc. <b>FQMARG</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many pats? <b>FQMARGSZ</b>	①	②	③	④	
Mayonnaise, sandwich spreads <b>FQMAYO</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many TBS? <b>FQMAYOSZ</b>	①	②	③	④	
Peanut butter <b>FQPNUT</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many TBS? <b>FQPNUTSZ</b>	①	②	③	④	
Ketchup or salsa <b>FQKTCH</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many TBS? <b>FQKTCHSZ</b>	①	②	③	④	
Gravy <b>FQGRAV</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many TBS? <b>FQGRAVSZ</b>	①	②	③	④	
Snacks, like potato chips, corn chips, popcorn (not pretzels) <b>FQSNCK</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQSNCKSZ</b>	①	②	③	④	
Peanuts, pecans, other nuts or seeds <b>FQNUTS</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQNUTSSZ</b>	①	②	③	④	
Crackers <b>FQCRCK</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How much? <b>FQCRCKSZ</b>	①	②	③	④	
	Never or less than once per month	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	2+ times per day						

Type of Food Interviewer Note: REQUIRED - Show card #13	How often? →									How much each time?			
	Never or less than once per month	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	2+ times per day	Portion Size			
Doughnuts, Danish pastry <b>FQDONU</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQDONUSZ</b> How much? ① A ② B ③ C ④ D			
Cake, sweet rolls, coffee cake <b>FQCAKE</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQCAKESZ</b> How much? ① A ② B ③ C ④ D			
When you eat cake or coffee cake, is it...? <b>FQFAT9</b>	① Usually low-fat ② Sometimes ③ Rarely low-fat ④ N/A												
Cookies <b>FQCOOK</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQCOOKSZ</b> How much? ① A ② B ③ C ④ D			
When you eat cookies, are they...? <b>FQFAT10</b>	① Usually low-fat ② Sometimes ③ Rarely low-fat ④ N/A												
Ice cream, ice milk, ice cream bars <b>FQICEC</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQICECSZ</b> How much? ① A ② B ③ C ④ D			
When you eat ice cream, is it...? <b>FQFAT11</b>	① Usually low-fat ② Sometimes ③ Rarely low-fat ④ N/A												
Pumpkin pie, sweet potato pie <b>FQPIES</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQPIESSZ</b> How much? ① A ② B ③ C ④ D			
Any other pies or cobbler <b>FQOTHP</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQOTHP\$Z</b> How much? ① A ② B ③ C ④ D			
Pudding <b>FQPUDD</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQPUDDSZ</b> How much? ① A ② B ③ C ④ D			
Chocolate candy, candy bars <b>FQCHOC</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	<b>FQCHOC\$Z</b> How much? ① A ② B ③ C ④ D			
	Less than once per month	Once per mon.	2-3 times per mon.	Once per week	Twice per week	3-4 times per week	5-6 times per week	Every Day	2+ times per day				



Interviewer Note: <b>REQUIRED - Show card #14</b> <b>Type of Food</b>	How many?									Which glass, can, or cup?
	Never or 1-11 per year	1-3 per mon.	1 per week	2-4 per week	5-6 per week	1 per day	2-3 per day	4 per day	5+ per day	Portion Size
How many glasses of orange juice or grapefruit juice? <b>FQOJ</b>	①	②	③	④	⑤	⑥	⑦			Which glass? <b>FQOJSZ</b> ① A ② B ③ C ④ D
When you drink orange juice, how often do you drink a calcium fortified brand? <b>FQOJC</b>	① Usually calcium-fortified ② Sometimes ③ Rarely/never calcium-fortified ④ N/A									
How many glasses of Hi-C, Kool-Aid, or other drinks with added vitamin C? <b>FQHIC</b>	①	②	③	④	⑤	⑥	⑦			Which glass? <b>FQHICSZ</b> ① A ② B ③ C ④ D
How many glasses of tomato juice or V-8 juice? <b>FQV8</b>	①	②	③	④	⑤	⑥	⑦			Which glass? <b>FQV8SZ</b> ① A ② B ③ C ④ D
How many glasses of other fruit juices like apple juice, prune juice, lemonade? <b>FQFRUT</b>	①	②	③	④	⑤	⑥	⑦			Which glass? <b>FQFRUTSZ</b> ① A ② B ③ C ④ D
How many glasses of instant breakfast milkshakes like Carnation, diet shakes like SlimFast, or liquid supplements like Ensure? <b>FQSUPL</b>	①	②	③	④	⑤	⑥	⑦	⑧		Standard serving will be assumed
How many glasses of milk, chocolate milk or cocoa? <b>FQMLK2</b>	①	②	③	④	⑤	⑥	⑦	⑧		Which glass? <b>FQMLK2SZ</b> ① A ② B ③ C ④ D
When you drink glasses of milk is it usually...? <b>FQMILK3</b>	① Whole milk ② 2% milk ③ 1% milk ④ Skim milk ⑤ Soy milk ⑥ N/A									
How many regular soft drinks, or bottled sweetened teas (not diet)? <b>FQSOFT</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	What size? <b>FQSOFTSZ</b> ① 12 oz. can/bot ② 16 oz. can/bot ③ Larger can/bot
How many bottles or cans of beer? <b>FQBEER</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	What size? <b>FQBEERSZ</b> ① 12 oz. can/bot ② 16 oz. can/bot ③ Larger can/bot
How many glasses of wine or wine coolers? <b>FQWINE</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	Which glass? <b>FQWINESZ</b> ① A ② B ③ C ④ D
How many glasses or shots of liquor or mixed drinks? <b>FQSHOT</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	Standard serving will be assumed
How many cups of coffee, regular or decaf? <b>FQCOFF</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	Which glass? <b>FQCOFFSZ</b> ① A ② B ③ C ④ D
How many cups of tea or iced tea, but not herbal teas? <b>FQTEA</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	Which glass? <b>FQTEASZ</b> ① A ② B ③ C ④ D
How often do you have cream, half and half or nondairy creamer in coffee or tea? <b>FQCRM</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many TBSP in <b>FQCRMSZ</b> ① 2 ② 3 ③ 4
How often do you have milk in coffee or tea? <b>FQMLK4</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many TBSP in <b>FQMLK4SZ</b> ① 2 ② 3 ③ 4
How often do you have sugar or honey in coffee or tea or on cereal? <b>FQSUGR</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨	How many TSP in each cup? <b>FQSUGRSZ</b> ① 1 ② 2 ③ 3 ④ 4
	Never or 1-11 per year	1-3 per mo	1 per week	2-4 per week	5-6 per week	1 per day	2-3 per day	4 per day	5+ per day	



Interviewer Note: <b>REQUIRED - Show card #15</b>	Average use in the past year								
	Less than once per week	1-2 per week	3-4 per week	5-6 per week	1 per day	1 1/2 per day	2 per day	3 per day	4+ per day
About how many servings of <b>FQVEG</b> vegetables do you eat per day or per week, not counting salad or potatoes?	①	②	③	④	⑤	⑥	⑦	⑧	⑨
*How often did you add butter, margarine, salt pork, or bacon fat? <b>FQFAT12</b>	① Usually or Always	② Often	③ Sometimes	④ Rarely or never	⑧ Don't know				
*How often were they fried? <b>FQFRIED</b>	① Usually or Always	② Often	③ Sometimes	④ Rarely or never	⑧ Don't know				

About how many servings of fruit do you eat, not counting juices? <b>FQFRUIT</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨
How often do you use fat or oil to fry or stir fry, or to simmer or season your food? <b>FQFAT13</b>	①	②	③	④	⑤	⑥	⑦	⑧	⑨

IF FAT OR OIL ONCE PER WEEK OR MORE:

What kinds of fat or oil do you usually use to fry or stir-fry, or to simmer or season your food?

*(Interviewer Note: Do not read response options. Mark only one or two answers.)*

- |   |  |  |                             |
|---|--|--|-----------------------------|
| ① Stick margarine<br><b>FQMARGST</b>    | ① Butter/Margarine blend<br><b>FQBLEND</b>   | ① Olive oil or canola oil<br><b>FQOLVOIL</b> | ① PAM<br><b>FQPAM</b>       |
| ① Soft tub margarine<br><b>FQMARGTB</b> | ① Low-fat margarine<br><b>FQLOWFAT</b>       | ① Lard, fatback, baconfat<br><b>FQLARD</b>   | ① Don't know<br><b>FQDK</b> |
| ① Butter<br><b>FQBUTTER</b>             | ① Corn oil, vegetable oil<br><b>FQVEGOIL</b> | ① Crisco shortening<br><b>FQCRISCO</b>       |                             |

*How often do you use Pam or other non-stick spray instead of oil, margarine, or butter to saute or pan fry foods? <b>FQSPRAY</b>	① Usually or Always	② Often	③ Sometimes	④ Rarely or never	⑧ Don't know/Don't do
*When you ate bread, rolls, muffins, or crackers, how often did you eat them <u>with</u> butter or margarine? <b>FQWBUTTR</b>	① Usually or Always	② Often	③ Sometimes	④ Rarely or never	⑧ Don't know

**Interviewer Note: Please answer the following question based on your judgement of the participant's responses to the food frequency questions.**

On the whole, how reliable do you think the participant's responses to the food frequency questions are?

- FQRELY**
- ① Very reliable
  - ② Fairly reliable
  - ③ Not very reliable
  - ⑧ Don't know

**Appendix IV**  
**ENERGY EXPENDITURE**  
**READING CENTER VARIABLE LIST**

<b>Variable Name</b>	<b>Variable Description</b>	<b>Variable Label</b>	<b>Value Label</b>
EEDATE	EE Visit date	EE Visit date	MMDDYY
EEFFMTBW	Fat-free mass calculated from TBW, =TBW/0.73, kg, range 20 to 82.	Fat-free mass calculated	kg
EEH2O	Water turnover including preformed water in food and beverage, metabolic water, and atmospheric moisture, kg/d, range 1.5 to 9	Water turnover	kg/day
EENONBAS	TEE-RMR, energy expended in excess of RMR, Megajoules/d, range 0.00 to 9.00	Energy expended in excess of RMR	Megajoules/day
EEQCRMR	EERC assessment of the quality of the RMR data, range: A to D	Quality assessment of the RMR data.	A = excellent B = good C = borderline for analysis D = unusable
EEQCTEE	EERC assessment of the quality of the TEE data, range A to D Nonbasal EE=TEE-RMR, energy expended in excess of RMR, Megajoules/d, range 0.00 to 9.00	Quality assessment of the TEE data	A = excellent B = good C = borderline for analysis D = unusable
EERMR	Resting metabolic rate, megajoules/day, range: 2.50 to 9.00	Resting metabolic rate (mj/day)	Megajoules/day
EERMRS	Std. deviation of Resting metabolic rate	Resting metabolic rate (mj/day) Std. Dev	
EERQ	(Global) respiratory quotient during RMR, range:0.67 to 0.99	Respiratory quotient during RMR	
EERQSD	Std. Deviation of respiratory quotient during RMR	Respiratory quotient during RMR Std Dev	
EESTFID	Staff ID	Staff ID	
EETBW	Total body water measured by both deuterium and oxygen-18 Dilution, kg, range 15 to 60.	Total body water measured	kg
EETEE	Total daily energy expenditure from doubly labeled water, megajoules/day, range: 3.00 to 18.00	Total daily energy expenditure	Megajoules/day

## Appendix V

### FOOD FREQUENCY READING CENTER VARIABLE LIST

<b>Variable Name</b>	<b>Variable Description</b>	<b>Variable Label</b>	<b>Value Label</b>
FFQACaro	Daily alpha-carotene from food	Alpha-Carotene (µg)	µg
FFQAnmPr	Total protein from animal sources	Total protein from animal sources (gm)	g
FFQBCaro	Daily beta-carotene from food	Beta-Carotene (µg)	µg
FFQBPCrb	Daily percent Kcal from carbohydrate, alcoholic beverages excluded from denominator	% carb cals, alcoholic beverages excl	%
FFQBPFat	Daily percent Kcal from fat, alcoholic beverages excluded from denominator	% fat cals, alcoholic beverages excluded	%
FFQBPro	Daily percent Kcal from protein, alcoholic beverages excluded from denominator	% protein cals, alcoholic beverages excl	%
FFQCalc	Daily calcium from food	Calcium (mg)	mg
FFQCals	Daily calories from food	Calories (Kcal)	Kcal
FFQCarb	Daily carbohydrate from food	Carbohydrate	g
FFQCaro	Daily Provitamin A carotenoids from food	Carotene Provitamin A carotenoids (µg)	µg
FFQChol	Daily cholesterol from food	Cholesterol (mg)	mg
FFQCryp	Daily cryptoxanthin from food	Cryptoxanthin (carotenoid) (µg)	µg
FFQDaid	Daily daidzein from food	Daidzein (µg)	µg
FFQDATE	Food frequency q'aire date		MMDDYY
FFQDryS	Daily servings of milk, yogurt, cheese	Daily servings of milk,yogurt,cheese	
FFQFatS	Daily frequency of fats & oils, sweets, sodas	Daily freq of fats,oils,sweets,sodas	
FFQFBean	Daily fiber from beans	Daily fiber from beans (g)	g
FFQFGrn	Daily fiber from grains	Daily fiber from grains (g)	g
FFQFibr	Daily fiber from food	Total Dietary Fiber (g)	g
FFQFixYN	Was a "fix" applied to this record	Was a "fix" applied to this record	0=No 1=Yes
FFQFol	Daily folate from food	Folate (mg)	mg
FFQFrtS	Daily frequency of fruits & fruit juices	Daily freq of fruits, fruit juices	
FFQFVeg	Daily fiber from vegetables & fruits	Daily fiber from veg and fruit (g)	g
FFQGeni	Daily genistein from food	Genistein (µg)	µg

<b>Variable Name</b>	<b>Variable Description</b>	<b>Variable Label</b>	<b>Value Label</b>
FFQGrnS	Daily servings of breads, cereals, rice, pasta	Daily servings of grain	
FFQGSF	Weekly grams of solid food	Grams of solid food (g)	g
FFQIron	Daily iron from food	Iron (mg)	mg
FFQLinA	Daily linoleic acid from food	Linoleic Acid (g)	g
FFQLut	Daily lutein from food	Lutein (carotenoid) (µg)	µg
FFQLyco	Daily lycopene from food	Lycopene (carotenoid) (µg)	µg
FFQMagn	Daily magnesium from food	Magnesium (mg)	mg
FFQMeaS	Daily servings of meat, fish, poultry, beans, eggs	Daily servings of meat/protein	
FFQN2HiF	Number of foods with "too high" frequency	Number of foods with "too high" frequency	
FFQN2HiG	Number of food groups with "too high" total frequency	#food groups w/"too high" total freq	
FFQNErr	How many "serious errors" were applied (See Edit Report)	#"serious errors" applied	
FFQNFDS	Number of solid foods consumed per day	Number of solid foods consumed per day	
FFQNFix	How many items were "fixed"	How many items were "fixed"	
FFQNiac	Daily niacin from food	Niacin (mg)	mg
FFQNNoS	Number of food items with serving size omitted	#food items w/serving size omitted	
FFQNOnce	Number of foods marked as "once per" any unit	#foods marked as "once per" any unit	
FFQNSkip	Number of food items skipped	Number of food items skipped	
FFQNWarn	How many "warnings" were applied (See Edit Report)	# "warnings" applied	
FFQOleA	Daily oleic acid from food	Oleic Acid (g)	g
FFQOutAP	Outlier on cals after portion size adjustments	Outlier on cals after portion size adjustment	L=outlier low M=not outlier H=outlier high
FFQOutBP	Outlier on cals before portion size adjustments	Outlier on cals before portion size adjustment	L=outlier low M=not outlier H=outlier high
FFQPAICh	Daily percent Kcal from alcoholic beverages	% of Kcal from alcoholic beverages	%
FFQPCo11	Percent of foods marked as "never or less than 1/month"	% marked as "never or less than 1/month"	%

<b>Variable Name</b>	<b>Variable Description</b>	<b>Variable Label</b>	<b>Value Label</b>
FFQPCo19	Percent of foods marked as "twice per day"	% foods marked as "twice per day"	%
FFQPCrb	Daily percent Kcal from carbohydrate	% of Kcal from carbohydrate	%
FFQPFat	Daily percent Kcal from fat	% of Kcal from fat	%
FFQPhos	Daily phosphorus from food	Phosphorus (mg)	mg
FFQPLrg	Percent of foods marked as "large portion"	% foods marked as "large portion"	%
FFQPMed	Percent of foods marked as "medium portion"	% foods marked as "medium portion"	%
FFQPot	Daily potassium from food	Potassium (mg)	mg
FFQPro	Daily percent Kcal from protein	% of Kcal from protein	%
FFQProt	Daily protein from food	Protein (g)	g
FFQPSm	Percent of foods marked as "small portion"	% foods marked as "small portion"	%
FFQPSwt	Daily percent Kcal from sweets, desserts	% of Kcal from sweets, desserts	%
FFQPXls	Percent of foods marked as "extra large portion"	% foods marked as "x-large portion"	%
FFQRetn	Daily retinol from food	Retinol (preformed Vit A, µg)	µg
FFQRibo	Daily riboflavin (132) from food	Riboflavin (B2) (mg)	mg
FFQSfat	Daily saturated fat from food	Saturated Fat (g)	g
FFQSod	Daily sodium from food	Sodium (mg)	mg
FFQTFat	Daily total fat from food	Total Fat	g
FFQThia	Daily thiamin (B 1) from food	Thiamin (B1) (mg)	mg
FFQTotPr	Total dietary protein	Total dietary protein (gm)	g
FFQVegPr	Total protein from vegetable sources	Total protein from vegetable sources (gm)	g
FFQVegS	Daily servings of vegetables	Daily servings of vegetables	
FFQVitA1	Daily Vitamin A from food (IU)	Vitamin A (IU)	IU
FFQVitA2	Daily Vitamin A from food (RE)	Vitamin A (RE)	RE
FFQVitB6	Daily Vitamin B6 from food	Vitamin B6 (mg)	mg
FFQVitC	Daily Vitamin C from food	Vitamin C (mg)	mg
FFQVitD	Daily Vitamin D from food	Vitamin D (IU)	IU
FFQVitE	Daily Vitamin E from food	Vitamin E a-TE	alpha-tocopherol equivalents

<b>Variable Name</b>	<b>Variable Description</b>	<b>Variable Label</b>	<b>Value Label</b>
FFQZinc1	Daily zinc from food	Zinc (mg)	mg
FFQZinc2	Daily animal zinc from food	Zinc from animal sources (mg)	mg

## Appendix VI

### CALCULATED VARIABLES FOR ENERGY EXPENDITURE SUBSTUDY

<b>Variable</b>	<b>Variable Description</b>	<b>Page</b>
AE_SCORE	Appetite and eating restraint score	48
MCSD	Marlowe-Crowne Social Desirability Scale score	47

## Energy Expenditure Calculated Variables

**Investigator Name: Dr. Stephen Kritchevsky**

**E-mail Address: skritchevsky@utm.edu**

**Unit: Memphis Field Center**

**Analysis Plan Reference Number:**

<b>Variable</b>	<b>Descriptive Title</b>	<b>Detailed Description</b>	<b>How variable is calculated</b>	<b>How to handle missing or special values</b>	<b>Value labels</b>
MCSD	Marlowe-Crowne Social Desirability Scale score	MCSD score calculated according to Crowne and Marlowe (1960). The MCSD scale: a self-report social desirability scale dubbed “need for approval” (Crowne & Marlowe, 1964) and dubbed “avoidance of disapproval (Crowne, 1979).	<ol style="list-style-type: none"> <li>Code the “correct” answers=1 and the “incorrect” answers=0 for the variables EEAT1, EEAT2, EEAT3*, EEAT4, EEAT5*, EEAT6*, EEAT7, EEAT8, EEAT9*, EEAT10*, EEAT11*, EEAT12*, EAT13, EEAT14*, EEAT15*, EEAT16, EEAT17, EEAT18, EEAT19*, EEAT20, EEAT21, EEAT22, EEAT23*, EEAT24, EEAT25, EEAT26, EEAT27, EEAT28*, EEAT29, EEAT30*, EEAT31, EEAT32*, and EEAT33. (* “correct” answer is false; all other “correct” answer is true)</li> <li>For the missing values, sum the number of nonresponses (NR_total).</li> <li>Score only those with 80% answered (i.e., nr_total&lt;= 6.6)</li> <li>Take the mean of the answers, multiply by 33, and round to the nearest whole number.</li> </ol>	<p>If any answer = 7 (refused), 8 (don’t know) or missing, then nonresponse=1; else nonresponse=0 for each question.</p> <p>Sum the nonresponses (NR_total) over the 33 questions per person to find out how many questions each person omitted.</p>	0-33

Variable	Descriptive Title	Detailed Description	How variable is calculated	How to handle missing or special values	Value labels
AE_SCORE	Appetite and eating restraint score	AE_SCORE is calculated according to Stunkard and Messick (J Psychosomatic Research 1985; 29:71-83) factor 1 “cognitive restraint of eating” part of 51-item questionnaire.	<ol style="list-style-type: none"> <li>1. Code the “correct” answers=1 and the “incorrect” answers=0 for the following variables: EEAEBQUO, EEAEBSH, EEAEBLIF*, EEAEFICAL, EEAEBELS, EEAEBENJ*, EEAEBSTP, EEAEBHLD, EEAEBANY*, EEAEBCNT, EEAEBFAT, and EAEBFIG. (* “correct” answer is false; all others “correct” answer is true)</li> <li>2. Code the following “correct” answers=1 if above the middle (i.e., usually, always, etc.) and “incorrect” answers=0 if below the middle (i.e., never, rarely, etc.) or don’t know (=8): EEAEBDIE, EEAEBFLU, EEAEBOVR, EEAEBCON, EEAEBSTK, EEAEBLCL, EEAEBSLW, EEAEBLSS, and EEAEBSCCL.</li> <li>3. For the missing values, sum the number of nonresponses (restraint_nrtot).</li> <li>4. Score only those with 80% answered (i.e., restraint_nrtot&lt;=4).</li> <li>5. Take the mean of the answers, multiply by 21, and round to the nearest whole number.</li> </ol>	<p>If any answer = 7 (refused), 8 (don’t know) or missing, then nonresponse=1; else nonresponse=0 .</p> <p>If any answer = 7 (refused) or missing then nonresponse=1; else nonresponse=0</p> <p>Sum the nonresponses (restraint_nrtot) over the 21 questions per person to find out how many questions each person omitted.</p>	0-21

```

*****;
** EEFFQ.SAS **;
** Code submitted by Steve Kritchevsky **;
** Adapted by Laura Akin **;
** **;
*****;
*libname daf 'i:\habc_sas\data analysis file';

*%include 'i:\habc_sas\programs\initv8.sas';

*libname calc 'i:\habc_sas\calculated variables\datasets\year 3';

*TITLE 'RESTRAINED EATING QUESTIONNAIRE';
* 3-FACTOR EATING QUESTIONNAIRE TO MEASURE DIETARY RESTRAINT, DISINHIBITION,
AND HUNGER;

* FACTOR 1: COGNITIVE CONTROL OF EATING BEHAVIOR;

* HIGH SCORES = might be responsive to information--about caloric
balance, nutrition, and particularly traditional behavioral strategies
for stimulus control;

* perfect score=21;
* for questions 30-38: response=don't know(8) code as a zero;

/*
create nonresponse variables for each question in order to adjust
calculated scores
if answer= 7 (refused), 8 (don't know), or . (missing) then
nonresponse variable=1 for question 29 (a-1)
if answer= 7 or . then nonresponse variable=1 for questions 30-38
*/

data calc.eeffq(keep=habcid ae_score mcspd);
set daf.y23eeffq;

if eeaebquo=7 or eeaebquo=8 or eeaebquo=. then q29a_nr=1; else q29a_nr=0;
if eeaebsh=7 or eeaebsh=8 or eeaebsh=. then q29b_nr=1; else q29b_nr=0;
if eeaeblijf=7 or eeaeblijf=8 or eeaeblijf=. then q29c_nr=1; else q29c_nr=0;
if eeaefcal=7 or eeaefcal=8 or eeaefcal=. then q29d_nr=1; else q29d_nr=0;
if eeaebels=7 or eeaebels=8 or eeaebels=. then q29e_nr=1; else q29e_nr=0;
if eeaebenj=7 or eeaebenj=8 or eeaebenj=. then q29f_nr=1; else q29f_nr=0;
if eeaebstp=7 or eeaebstp=8 or eeaebstp=. then q29g_nr=1; else q29g_nr=0;
if eeaebhld=7 or eeaebhld=8 or eeaebhld=. then q29h_nr=1; else q29h_nr=0;
if eeaebany=7 or eeaebany=8 or eeaebany=. then q29i_nr=1; else q29i_nr=0;
if eeaebcnt=7 or eeaebcnt=8 or eeaebcnt=. then q29j_nr=1; else q29j_nr=0;
if eeaebfat=7 or eeaebfat=8 or eeaebfat=. then q29k_nr=1; else q29k_nr=0;
if eeaebfig=7 or eeaebfig=8 or eeaebfig=. then q29l_nr=1; else q29l_nr=0;
if eeaebdie=7 or eeaebdie=. then q30_nr=1; else q30_nr=0;
if eeaebflu=7 or eeaebflu=. then q31_nr=1; else q31_nr=0;
if eeaebovr=7 or eeaebovr=. then q32_nr=1; else q32_nr=0;
if eeaebcon=7 or eeaebcon=. then q33_nr=1; else q33_nr=0;
if eeaebstk=7 or eeaebstk=. then q34_nr=1; else q34_nr=0;
if eeaebcl=7 or eeaebcl=. then q35_nr=1; else q35_nr=0;
if eeaebslw=7 or eeaebslw=. then q36_nr=1; else q36_nr=0;
if eeaebssl=7 or eeaebssl=. then q37_nr=1; else q37_nr=0;

```

```

if eeaabscl=7 or eeaabscl=. then q38_nr=1; else q38_nr=0;

* sum up nonresponses--create eeae_nrtot variable;
eeae_nrtot=(q29a_nr+q29b_nr+q29c_nr+q29d_nr+q29e_nr+q29f_nr+q29g_nr+
q29h_nr+q29i_nr+q29j_nr+q29k_nr+q29l_nr+q30_nr+q31_nr+q32_nr+q33_nr+
q34_nr+q35_nr+q36_nr+q37_nr+q38_nr);

/*
score only those with at least an 80% response rate (i.e., eeae_nrtot<=4)

create correct answer variables for each question:
    if answer is correct then qX=1
    if answer is incorrect then qX=0
    for questions 30-38: if answer is 8 (don't know) then qX=0
*/

if eeae_nrtot<=4 then do;
    if eeaebquo=1 then q29a=1; if eeaebquo=0 then q29a=0;
    if eeaebsh=1 then q29b=1; if eeaebsh=0 then q29b=0;
    if eeaeblijf=0 then q29c=1; if eeaeblijf=1 then q29c=0;
    if eeaefcal=1 then q29d=1; if eeaefcal=0 then q29d=0;
    if eeaebels=1 then q29e=1; if eeaebels=0 then q29e=0;
    if eeaebenj=0 then q29f=1; if eeaebenj=1 then q29f=0;
    if eeaebstp=1 then q29g=1; if eeaebstp=0 then q29g=0;
    if eeaebhld=1 then q29h=1; if eeaebhld=0 then q29h=0;
    if eeaebany=0 then q29i=1; if eeaebany=1 then q29i=0;
    if eeaebcnt=1 then q29j=1; if eeaebcnt=0 then q29j=0;
    if eeaebfat=1 then q29k=1; if eeaebfat=0 then q29k=0;
    if eeaebfig=1 then q29l=1; if eeaebfig=0 then q29l=0;
    if eeaebdie=3 or eeaebdie=4 then q30=1;
    if eeaebdie=1 or eeaebdie=2 or eeaebdie=8 then q30=0;
    if eeaebflu=2 or eeaebflu=3 then q31=1;
    if eeaebflu=0 or eeaebflu=1 or eeaebflu=8 then q31=0;
    if eeaebovr=2 or eeaebovr=3 then q32=1;
    if eeaebovr=0 or eeaebovr=1 or eeaebovr=8 then q32=0;
    if eeaebcon=2 or eeaebcon=3 then q33=1;
    if eeaebcon=0 or eeaebcon=1 or eeaebcon=8 then q33=0;
    if eeaebstk=3 or eeaebstk=4 then q34=1;
    if eeaebstk=1 or eeaebstk=2 or eeaebstk=8 then q34=0;
    if eeaebcl=3 or eeaebcl=4 then q35=1;
    if eeaebcl=1 or eeaebcl=2 or eeaebcl=8 then q35=0;
    if eeaebslw=3 or eeaebslw=4 then q36=1;
    if eeaebslw=1 or eeaebslw=2 or eeaebslw=8 then q36=0;
    if eeaebssl=3 or eeaebssl=4 then q37=1;
    if eeaebssl=1 or eeaebssl=2 or eeaebssl=8 then q37=0;
    if eeaabscl=3 or eeaabscl=4 or eeaabscl=5 then q38=1;
    if eeaabscl=0 or eeaabscl=1 or eeaabscl=2 or eeaabscl=8 then q38=0;
end;

* create total score variable (ae_score) taking into account nonresponses
and rounding to the nearest whole number;

ae_score=ROUND(mean(of q29a q29b q29c q29d q29e q29f q29g q29h q29i q29j
q29k q29l q30 q31 q32 q33 q34 q35 q36 q37 q38)*21);

```

```

*TITLE 'SOCIAL DESIRABILITY QUESTIONNAIRE';

* CODING FOR THE MARLOWE-CROWNE SOCIAL DESIRABILITY SCALE (MCSD)--
ATTITUDES AND TRAITS PAGES 17-18 OF EE23ffq;

/*
create nonresponse variables for each question in order to adjust
  calculated scores
if answer= 7 (refused), 8 (don't know), or . (missing) then
  nonresponse variable=1
*/

if eeat1=7 or eeat1=8 or eeat1=. then q1_nr1=1; else q1_nr1=0;
if eeat2=7 or eeat2=8 or eeat2=. then q2_nr1=1; else q2_nr1=0;
if eeat3=7 or eeat3=8 or eeat3=. then q3_nr1=1; else q3_nr1=0;
if eeat4=7 or eeat4=8 or eeat4=. then q4_nr1=1; else q4_nr1=0;
if eeat5=7 or eeat5=8 or eeat5=. then q5_nr1=1; else q5_nr1=0;
if eeat6=7 or eeat6=8 or eeat6=. then q6_nr1=1; else q6_nr1=0;
if eeat7=7 or eeat7=8 or eeat7=. then q7_nr1=1; else q7_nr1=0;
if eeat8=7 or eeat8=8 or eeat8=. then q8_nr1=1; else q8_nr1=0;
if eeat9=7 or eeat9=8 or eeat9=. then q9_nr1=1; else q9_nr1=0;
if eeat10=7 or eeat10=8 or eeat10=. then q10_nr1=1; else q10_nr1=0;
if eeat11=7 or eeat11=8 or eeat11=. then q11_nr1=1; else q11_nr1=0;
if eeat12=7 or eeat12=8 or eeat12=. then q12_nr1=1; else q12_nr1=0;
if eeat13=7 or eeat13=8 or eeat13=. then q13_nr1=1; else q13_nr1=0;
if eeat14=7 or eeat14=8 or eeat14=. then q14_nr1=1; else q14_nr1=0;
if eeat15=7 or eeat15=8 or eeat15=. then q15_nr1=1; else q15_nr1=0;
if eeat16=7 or eeat16=8 or eeat16=. then q16_nr1=1; else q16_nr1=0;
if eeat17=7 or eeat17=8 or eeat17=. then q17_nr1=1; else q17_nr1=0;
if eeat18=7 or eeat18=8 or eeat18=. then q18_nr1=1; else q18_nr1=0;
if eeat19=7 or eeat19=8 or eeat19=. then q19_nr1=1; else q19_nr1=0;
if eeat20=7 or eeat20=8 or eeat20=. then q20_nr1=1; else q20_nr1=0;
if eeat21=7 or eeat21=8 or eeat21=. then q21_nr1=1; else q21_nr1=0;
if eeat22=7 or eeat22=8 or eeat22=. then q22_nr1=1; else q22_nr1=0;
if eeat23=7 or eeat23=8 or eeat23=. then q23_nr1=1; else q23_nr1=0;
if eeat24=7 or eeat24=8 or eeat24=. then q24_nr1=1; else q24_nr1=0;
if eeat25=7 or eeat25=8 or eeat25=. then q25_nr1=1; else q25_nr1=0;
if eeat26=7 or eeat26=8 or eeat26=. then q26_nr1=1; else q26_nr1=0;
if eeat27=7 or eeat27=8 or eeat27=. then q27_nr1=1; else q27_nr1=0;
if eeat28=7 or eeat28=8 or eeat28=. then q28_nr1=1; else q28_nr1=0;
if eeat29=7 or eeat29=8 or eeat29=. then q29_nr1=1; else q29_nr1=0;
if eeat30=7 or eeat30=8 or eeat30=. then q30_nr1=1; else q30_nr1=0;
if eeat31=7 or eeat31=8 or eeat31=. then q31_nr1=1; else q31_nr1=0;
if eeat32=7 or eeat32=8 or eeat32=. then q32_nr1=1; else q32_nr1=0;
if eeat33=7 or eeat33=8 or eeat33=. then q33_nr1=1; else q33_nr1=0;

* sum the nonresponses--create NR-total variable;

NR_total=(q1_nr1+q2_nr1+q3_nr1+q4_nr1+q5_nr1+q6_nr1+q7_nr1+q8_nr1+q9_nr1+q10_nr1
+
q11_nr1+q12_nr1+q13_nr1+q14_nr1+q15_nr1+q16_nr1+q17_nr1+q18_nr1+q19_nr1+q20_nr1+
q21_nr1+q22_nr1+q23_nr1+q24_nr1+q25_nr1+q26_nr1+q27_nr1+q28_nr1+q29_nr1+q30_nr1+
q31_nr1+q32_nr1+q33_nr);

/*

```

```

create correct answer variables for each question:
    if answer is correct then qX=1
    if answer is incorrect then qX=0
*/

if eeat1=1 then qq1=1; if eeat1=0 then qq1=0;
if eeat2=1 then qq2=1; if eeat2=0 then qq2=0;
if eeat3=0 then qq3=1; if eeat3=1 then qq3=0;
if eeat4=1 then qq4=1; if eeat4=0 then qq4=0;
if eeat5=0 then qq5=1; if eeat5=1 then qq5=0;
if eeat6=0 then qq6=1; if eeat6=1 then qq6=0;
if eeat7=1 then qq7=1; if eeat7=0 then qq7=0;
if eeat8=1 then qq8=1; if eeat8=0 then qq8=0;
if eeat9=0 then qq9=1; if eeat9=1 then qq9=0;
if eeat10=0 then qq10=1; if eeat10=1 then qq10=0;
if eeat11=0 then qq11=1; if eeat11=1 then qq11=0;
if eeat12=0 then qq12=1; if eeat12=1 then qq12=0;
if eeat13=1 then qq13=1; if eeat13=0 then qq13=0;
if eeat14=0 then qq14=1; if eeat14=1 then qq14=0;
if eeat15=0 then qq15=1; if eeat15=1 then qq15=0;
if eeat16=1 then qq16=1; if eeat16=0 then qq16=0;
if eeat17=1 then qq17=1; if eeat17=0 then qq17=0;
if eeat18=1 then qq18=1; if eeat18=0 then qq18=0;
if eeat19=0 then qq19=1; if eeat19=1 then qq19=0;
if eeat20=1 then qq20=1; if eeat20=0 then qq20=0;
if eeat21=1 then qq21=1; if eeat21=0 then qq21=0;
if eeat22=1 then qq22=1; if eeat22=0 then qq22=0;
if eeat23=0 then qq23=1; if eeat23=1 then qq23=0;
if eeat24=1 then qq24=1; if eeat24=0 then qq24=0;
if eeat25=1 then qq25=1; if eeat25=0 then qq25=0;
if eeat26=1 then qq26=1; if eeat26=0 then qq26=0;
if eeat27=1 then qq27=1; if eeat27=0 then qq27=0;
if eeat28=0 then qq28=1; if eeat28=1 then qq28=0;
if eeat29=1 then qq29=1; if eeat29=0 then qq29=0;
if eeat30=0 then qq30=1; if eeat30=1 then qq30=0;
if eeat31=1 then qq31=1; if eeat31=0 then qq31=0;
if eeat32=0 then qq32=1; if eeat32=1 then qq32=0;
if eeat33=1 then qq33=1; if eeat33=0 then qq33=0;

/*
score only the ones with 80% answered (i.e., nonresponses<=6.6);

create total score variable (MCSD) taking into account nonresponses
and rounding to the nearest whole number
*/
if nr_total<=6.6 then MCSD=ROUND(mean (of qq1 qq2 qq3 qq4 qq5 qq6 qq7 qq8 qq9
qq10 qq11 qq12 qq13 qq14 qq15
qq16 qq17 qq18 qq19 qq20 qq21 qq22 qq23 qq24 qq25 qq26 qq27 qq28 qq29 qq30 qq31
qq32 qq33)*33);

label ae_score='Appetite & Eating Restraint Score'
      mcsd='Marlowe-Crowne Social Desirability Score';
run;

```

## The CONTENTS Procedure

Data Set Name	DAF.Y23EEFFQ	Observations	586
Member Type	DATA	Variables	564
Engine	V9	Indexes	0
Created	Wed, Dec 13, 2006 12:05:21 PM	Observation Length	4512
Last Modified	Wed, Dec 13, 2006 12:05:21 PM	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	WINDOWS_32		
Encoding	wlatin1 Western (Windows)		

## Engine/Host Dependent Information

Data Set Page Size	16384
Number of Data Set Pages	200
First Data Page	5
Max Obs per Page	3
Obs in First Data Page	1
Number of Data Set Repairs	0
File Name	\\fu-hsing-c\habc\habc_sas\data analysis file\current\y23eeffq.sas7bdat
Release Created	9.0101M2
Host Created	NET_SRV

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
560	AE_SCORE	Num	8			Appetite & Eating Restraint Score
13	COMMENT	Char	50	\$50.	\$50.	Comment from EE Reading Center
16	EDATE	Num	8	MMDDYY.		Exam Date
38	EE4HRS	Num	8	YNDK.	3.	Q4a.EE:<4 hrs since last eat drink
121	EE6HRS	Num	8	YNDK.	3.	Q5.EE V2:<6 hrs since last eat drink
49	EEAC12MO	Num	8	YNDK.	3.	Q21.Do any aerobics,calisthenics
187	EEACDK	Num	8	YNDKSP.	4.	Q21.Time spent on aerobics..DK
550	EEACTIME	Num	8			CV: Time spent on aerobics.. (in mins)
172	EEAEBANY	Num	8	YNDK.	3.	Q29i.I eat anything I want, any time..
173	EEAEBCNT	Num	8	YNDK.	3.	Q29j.I count calories as a conscious..
182	EEAEBCON	Num	8	STAT14X.	3.	Q33.How conscious are you of what eat
177	EEAEBDIE	Num	8	TIME10X.	3.	Q30.How often dieting to control weight
168	EEAEBELS	Num	8	YNDK.	3.	Q29e.While on a diet, if I eat food..
169	EEAEBENJ	Num	8	YNDK.	3.	Q29f.I enjoy eating too much to spoil..
174	EEAEBFAT	Num	8	YNDK.	3.	Q29k.I do not eat some foods because..

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
175	EEAEBFIG	Num	8	YNDK.	3.	Q29l.I pay a great deal of attention..
178	EEAEBFLU	Num	8	STAT14X.	3.	Q31.Would 5 lb weight flux affect life?
171	EEAEBHLD	Num	8	YNDK.	3.	Q29h.I consciously hold back at meals..
180	EEAEBLCL	Num	8	STAT16X.	3.	Q35.Likely to shop for low cal foods
166	EEAEBLIF	Num	8	YNDK.	3.	Q29c.Life is too short to worry about..
184	EEAEBLSS	Num	8	STAT16X.	3.	Q37.Likely to eat less than you want
179	EEAEBOVR	Num	8	TIME12X.	3.	Q32.Feeling of guilt control food intake
164	EEAEBQUO	Num	8	YNDK.	3.	Q29a.When I have eaten my quota of cal..
185	EEAEBSCS	Num	8	APPET.	3.	Q38.Eating restraint:0-5:none to total
165	EEAEBSH	Num	8	YNDK.	3.	Q29b.I deliberately take small helpings.
181	EEAEBSLW	Num	8	STAT16X.	3.	Q36.Likely to eat slowly to cut down
183	EEAEBSTK	Num	8	TIME11X.	3.	Q34.Frequently avoid stocking up on food
170	EEAEBSTP	Num	8	YNDK.	3.	Q29g.I often stop eating when I am not..
167	EEAEFCAL	Num	8	YNDK.	3.	Q29d.I have a pretty good idea of the..
81	EEAT1	Num	8	YNDK.	3.	Q39.1:Before voting, I investigate..
82	EEAT2	Num	8	YNDK.	3.	Q39.2:I never hesitate to help someone
83	EEAT3	Num	8	YNDK.	3.	Q39.3:Sometimes hard to go on with work
84	EEAT4	Num	8	YNDK.	3.	Q39.4:Never intensely disliked someone
85	EEAT5	Num	8	YNDK.	3.	Q39.5:I have doubts about my ability
86	EEAT6	Num	8	YNDK.	3.	Q39.6:Resentful when I don t get my way
87	EEAT7	Num	8	YNDK.	3.	Q39.7:Careful about my manner of dress
88	EEAT8	Num	8	YNDK.	3.	Q39.8:Table manner at home are as good..
89	EEAT9	Num	8	YNDK.	3.	Q39.9:If I could get into a movie..
90	EEAT10	Num	8	YNDK.	3.	Q39.10:I have given up doing something..
91	EEAT11	Num	8	YNDK.	3.	Q39.11:I like to gossip at times
92	EEAT12	Num	8	YNDK.	3.	Q39.12:I felt like rebelling against..
93	EEAT13	Num	8	YNDK.	3.	Q39.13:I m always a good listener..

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
94	EEAT14	Num	8	YNDK.	3.	Q39.14:Remember playing sick to get..
95	EEAT15	Num	8	YNDK.	3.	Q39.15:I took advantage of someone
96	EEAT16	Num	8	YNDK.	3.	Q39.16:Willing to admit to my mistakes..
97	EEAT17	Num	8	YNDK.	3.	Q39.17:Try to practice what I preach
98	EEAT18	Num	8	YNDK.	3.	Q39.18:Get along with obnoxious people..
99	EEAT19	Num	8	YNDK.	3.	Q39.19:Try to get even rather to forgive
100	EEAT20	Num	8	YNDK.	3.	Q39.20:When I don't know something..
101	EEAT21	Num	8	YNDK.	3.	Q39.21:I am always courteous, even to ..
102	EEAT22	Num	8	YNDK.	3.	Q39.22:I have really insisted having..
103	EEAT23	Num	8	YNDK.	3.	Q39.23:I felt like smashing things..
104	EEAT24	Num	8	YNDK.	3.	Q39.24:Letting someone else be punished
105	EEAT25	Num	8	YNDK.	3.	Q39.25:Never resent being asked a favor
106	EEAT26	Num	8	YNDK.	3.	Q39.26:Never irked at ideas different..
107	EEAT27	Num	8	YNDK.	3.	Q39.27:Never make long trips without..
108	EEAT28	Num	8	YNDK.	3.	Q39.28:Times when I was quite jealous..
109	EEAT29	Num	8	YNDK.	3.	Q39.29:Never felt urge to tell someone..
110	EEAT30	Num	8	YNDK.	3.	Q39.30:Irritated by people who ask favor
111	EEAT31	Num	8	YNDK.	3.	Q39.31:Never felt punished without cause
112	EEAT32	Num	8	YNDK.	3.	Q39.32:When people have a misfortune..
113	EEAT33	Num	8	YNDK.	3.	Q39.33:Never deliberately said..to hurt
120	EECOFFEE	Num	8	YNDK.	3.	Q7.EE V2:coffee caffeine past 2 hrs
118	EECUT	Num	8	YNDK.	3.	Q2.EE V2:cut down due to illness injury
17	EEDATE	Num	8	MMDDYY.		EE visit date
41	EEDATE1	Num	8	MMDDYY10.	DATETIME22.3	EE Visit 1 Date form completed
124	EEDATE2	Num	8	MMDDYY10.	DATETIME22.3	EE Visit 2 date form completed
34	EEDLW	Num	8	5.	5.	Q6.EE:Dose of DLW (grams)
123	EEDTCV	Num	8	MMDDYY10.	DATETIME22.3	Date of Year 2 Clinic Visit
186	EEDYEL	Num	8	3.	3.	Days elapsed since Y2 Clinic Visit
176	EEEATLS	Num	8	FFQ10X.	3.	Q28.EE V2:Eat less due to weight concern
524	EEELIG	Num	8	YNDK.	6.	Q4.Ppt eligible for EE substudy?

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
137	EEEW12MO	Num	8	YNDK.	3.	Q19.Did go walking for exercise?
132	EEEWBLOX	Num	8	3.	3.	Q19.Blocks walked when walking for exer
136	EEEWBLUK	Num	8	YNDKSP.	4.	Q19.Blocks when walking for exer:unknown
138	EEEWKNOW	Num	8	YNDK.	3.	Q19i.Walking for exercise other units
212	EEEWMEAS	Num	8	WALK9XA.	6.	Q19ei. Units for distance walked
135	EEEWNUMU	Num	8	4.	4.	Q19ii.Walking for exercise how many unit
133	EEEWPACE	Num	8	WALK.	3.	Q19c.Pace when walking for exercise
130	EEEWREAS	Num	8	MREAS1X.	3.	Q19e.Main reason no walking for exercise
140	EEEWTDK	Num	8	YNDKSP.	4.	Q19c.Time spent walking for exercise:DK
548	EEEWTIM	Num	8			CV: Time spent walking for exercise (in mins)
131	EEEWTIME	Num	8	3.	3.	Q19a.How many times walking for exercise
139	EEEWTKMDK	Num	8	YNDKSP.	4.	Q19a.How many times walking for exer:DK
141	EEEWUNDK	Num	8	YNDKSP.	4.	Q19ii.Walking for exercise how many unkn
134	EEEWUNIT	Char	10	\$10.	\$10.	Q19i.Walking for exercise other units
11	EEFFMTBW	Num	8	BEST.		Fat-free mass calculated (kg)
18	EEFLAG	Num	8	YNDK.		Indicates ppt has EE laboratory data
127	EEFS12MO	Num	8	YNDK.	3.	Q18.Walk up a flight of stairs?
129	EEFSLDDK	Num	8	YNDKSP.	4.	Q18a.How many flight walked with load:DK
126	EEFSLOAD	Num	8	4.	4.	Q18a.How many flight walked with load
125	EEFSNUM	Num	8	4.	4.	Q18a.How many flights walked
128	EEFSNUMD	Num	8	YNDKSP.	4.	Q18a.How many flight walked
12	EEH2O	Num	8	BEST.		Water turnover (kg/day)
201	EEHC12MO	Num	8	YNDK.	3.	Q15.Any heavy major chores
203	EEHC DK	Num	8	YNDKSP.	4.	Q15.How much time doing heavy chores:DK
546	EEHCTIME	Num	8			CV: Time spent on heavy chores (in mins)
154	EEHI12MO	Num	8	YNDK.	3.	Q23.Do any high intensity exercise?
189	EEHIA1DK	Num	8	YNDKSP.	4.	Q23b.Time spent 1st Hi intense exer:DK
63	EEHIA1EF	Num	8	EFFORT.	3.	Q23c.Effort spent on 1st hi int exer
552	EEHIA1TM	Num	8			CV: Time spent hi intensity 1 (in mins)
190	EEHIA2DK	Num	8	YNDKSP.	4.	Q23d.Time spent 2nd Hi intense exer:DK

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
61	EEHIA2EF	Num	8	EFFORT.	3.	Q23e.Effort spent on 2nd hi int exer
553	EEHIA2TM	Num	8			CV: Time spent hi intensity 2 (in mins)
191	EEHIA3DK	Num	8	YNDKSP.	4.	Q23f.Time spent 3rd Hi intense exer:DK
62	EEHIA3EF	Num	8	EFFORT.	3.	Q23g.Effort spent on 3rd hi int exer
554	EEHIA3TM	Num	8			CV: Time spent hi intensity 3 (in mins)
192	EEHIA4DK	Num	8	YNDKSP.	4.	Q23h.Time spent 4th Hi intense exer:DK
64	EEHIA4EF	Num	8	EFFORT.	3.	Q23i.Effort spent on 4th hi int exer
555	EEHIA4TM	Num	8			CV: Time spent hi intensity 4 (in mins)
55	EEHIAAER	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:aerobics
52	EEHIABE	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:bicycling
54	EEHIAJOG	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:jogging
59	EEHIAOTH	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:other
57	EEHIAROW	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:rowing mach
56	EEHIARS	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:racquet sport
58	EEHIASKI	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:cc ski mach
60	EEHIASS	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:stair-step
53	EEHIASWM	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:swimming
51	EEHINDEX	Num	8	MREAS1X.	3.	Q23.Main reason for no hi int exer
525	EEHRS	Num	8	6.	6.	Q5. Hours Since Partic. Ate or Drank
36	EEHRS1	Num	8	3.	3.	Q4.EE:How many hrs last eat drink?
116	EEHRS2	Num	8	3.	3.	Q5.EE V2:hrs since last eat drink
37	EEHRSREF	Num	8	YNDK.	3.	Q4.EE:How many hrs last eat drink:DK Ref
117	EEHRSRF	Num	8	YNDK.	3.	Q5.EE V2:hrs since last eat drink:DK ref
35	EEIV1	Num	8	YNDK.	3.	Q3.EE:Rec d blood transfusion IV past wk
115	EEIV2	Num	8	YNDK.	3.	Q4.EE V2:blood tranfusion iv?
207	EELD12MO	Num	8	YNDK.	3.	Q17.Do or help with laundry
209	EELDDK	Num	8	YNDKSP.	4.	Q17a.How many loads of laundry:DK
210	EELDFODK	Num	8	YNDKSP.	4.	Q17b.How many loads of laundry folded:DK
206	EELDFOLD	Num	8	3.	3.	Q17b.How many loads of laundry folded
205	EELDLOAD	Num	8	3.	3.	Q17a.How many loads of laundry
204	EELW12MO	Num	8	YNDK.	3.	Q16.Any light work around house?
208	EELWDK	Num	8	YNDKSP.	4.	Q16.Time spent doing light work:DK

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
547	EELWTIME	Num	8			CV: Time spent on light work (in mins)
155	EEMI12MO	Num	8	YNDK.	3.	Q24.Do any moderate intensity exercise?
193	EEMIA1DK	Num	8	YNDKSP.	4.	Q24b.Time spent 1st Mod intense exer:DK
77	EEMIA1EF	Num	8	EFFORT.	3.	Q24c.Effort spent on 1st mod int exer
556	EEMIA1TM	Num	8			CV: Time spent med intensity 1 (in mins)
194	EEMIA2DK	Num	8	YNDKSP.	4.	Q24d.Time spent 2nd Mod intense exer:DK
78	EEMIA2EF	Num	8	EFFORT.	3.	Q24e.Effort spent on 2nd mod int exer
557	EEMIA2TM	Num	8			CV: Time spent med intensity 2 (in mins)
195	EEMIA3DK	Num	8	YNDKSP.	4.	Q24f.Time spent 3rd Mod intense exer:DK
79	EEMIA3EF	Num	8	EFFORT.	3.	Q24g.Effort spent on 3rd mod int exer
558	EEMIA3TM	Num	8			CV: Time spent med intensity 3 (in mins)
196	EEMIA4DK	Num	8	YNDKSP.	4.	Q24h.Time spent 4th Mod intense exer:DK
80	EEMIA4EF	Num	8	EFFORT.	3.	Q24i.Effort spent on 4th mod int exer
559	EEMIA4TM	Num	8			CV: Time spent med intensity 4 (in mins)
75	EEMIBOAT	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:boating
70	EEMIBOCC	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:bocce
67	EEMIBOWL	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:bowling
68	EEMIDANC	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:dancing
76	EEMIFISH	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:fishing
66	EEMIGOLF	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:golf
74	EEMIHUNT	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:hunting
65	EEMINDEX	Num	8	MREAS1X.	3.	Q24.Main reason for no mod int exer
72	EEMIOT1	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:other
73	EEMIPOOL	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:pool
69	EEMISKAT	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:skate
71	EEMITENN	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:table tennis
9	EENONBAS	Num	8	BEST.		Expended in excess of RMR (mj/day)
44	EEOTH	Num	8	YNDK.	3.	Q11.EE:Fluids after dose:other
153	EEOW12MO	Num	8	YNDK.	3.	Q20.Do any other type of walking?
142	EEOW7DNW	Num	8	MREAS1X.	3.	Q20e.Main reason for no other walking
144	EEOWBLOX	Num	8	3.	3.	Q20d.How many blocks other walking
147	EEOWBLUK	Num	8	YNDKSP.	4.	Q20d.How many blocks other walking:DK
148	EEOWDIST	Num	8	YNDK.	3.	Q20i.Other unit known for other walking?

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
213	EEOWMEAS	Num	8	WALK9XA.	6.	Q20ei. Distance walked..not in blocks
146	EEOWNUMU	Num	8	4.	4.	Q20ii.How many units for other walking
151	EEOWPACE	Num	8	WALK.	3.	Q20c.Pace when other walking
150	EEOWTDK	Num	8	YNDKSP.	4.	Q20b.Time spent other walking:DK
549	EEOWTIM	Num	8			CV: Time spent other walking (in mins)
143	EEOWTIME	Num	8	3.	3.	Q20a.How many time other walking?
149	EEOWTMDK	Num	8	YNDKSP.	4.	Q20a.How many time other walking:DK
152	EEOWUNDK	Num	8	YNDKSP.	4.	Q20ii.How many unit for other walking:DK
145	EEOWUNIT	Char	10	\$10.	\$10.	Q20i.Units for other walking
200	EEPA12MO	Num	8	YNDK.	3.	Q14.Any gardening yardwork
202	EEPADK	Num	8	YNDKSP.	4.	Q14.How much time gardening yardwork:DK
545	EEPATIME	Num	8			CV: Time spent on physical activity (in min)
6	EEQCRMR	Char	4	\$4.	\$4.	Quality assessment of the RMR data
8	EEQCTEE	Char	4	\$4.	\$4.	Quality assessment of the TEE data
2	EERMR	Num	8	BEST.		Resting metabolic rate (mj/day)
3	EERMRSD	Num	8	BEST.		Resting metabolic rate (mj/day) Std Dev
4	EERQ	Num	8	BEST.		Respiratory quotient during RMR
5	EERQSD	Num	8	BEST.		Respiratory quotient during RMR Std Dev
122	EERTEMP	Num	8	3.	3.	Q13.EE V2:resting EE summary room temp C
119	EESMOKE	Num	8	YNDK.	3.	Q6.EE V2:smoked in past 2 hrs
39	EESPILL	Num	8	YNDK.	3.	Q6.EE:Spillage of DLW?
1	EESTFID	Char	8	\$8.	\$8.	Staff ID (Energy Expenditure)
40	EESTFID1	Char	3	\$3.	\$3.	Staff ID (Energy Expenditure)
48	EESTFID2	Char	3	\$3.	\$3.	Staff ID (EE Visit 2)
42	EESUS	Num	8	YNDK.	3.	Q11.EE:Fluids after dose:sustical
10	EETBW	Num	8	BEST.		Total body water measured (kg)
7	EETEE	Num	8	BEST.		Total daily energy expenditure (mj/day)
534	EETIMB24	Num	8	TIME5.		CV: Baseline urine specimen time (24 hr time)
540	EETIMS24	Num	8	TIME5.		CV: Post-dose serum time (24 hr time)
535	EETM1124	Num	8	TIME5.		CV: 1st Post-dose urine time (24 hr time)
537	EETM1224	Num	8	TIME5.		CV: 1st Post-dose urine time (24 hr time)
536	EETM2124	Num	8	TIME5.		CV: 2nd Post-dose urine time (24 hr time)
538	EETM2224	Num	8	TIME5.		CV: 2nd Post-dose urine time (24 hr time)
539	EETM3124	Num	8	TIME5.		CV: 3rd Post-dose urine time (24 hr time)

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
542	EETM24O1	Num	8	TIME5.		CV: Other fluids 1 (24 hr time)
543	EETM24O2	Num	8	TIME5.		CV: Other fluids 2 (24 hr time)
544	EETM24O3	Num	8	TIME5.		CV: Other fluids 3 (24 hr time)
541	EETM24SU	Num	8	TIME5.		CV: Sustical time (24 hr time)
50	EEETR12MO	Num	8	YNDK.	3.	Q22.Do any weight circuit training
33	EEETRAV1	Num	8	YNDK.	3.	Q2.EE:Traveled >200 miles in past week
114	EEETRAV2	Num	8	YNDK.	3.	Q3.EE V2:Traveled >200 miles?
188	EEETRDK	Num	8	YNDKSP.	4.	Q22.Time spent on weight training..(DK)
551	EEETRTIME	Num	8			CV: Time spent on weight training (in mins)
45	EEVOLOT1	Num	8	4.	4.	Q11a.EE:Fluids after dose:other volume 1
46	EEVOLOT2	Num	8	4.	4.	Q11b.EE:Fluids after dose:other volume 2
47	EEVOLOT3	Num	8	4.	4.	Q11c.EE:Fluids after dose:other volume 3
43	EEVOLSU	Num	8	4.	4.	Q11.EE:Fluids after dose:sustical vol ml
199	EEVWADK	Num	8	YNDKSP.	4.	Q26a.Hours spent on volunteer work:DK
161	EEVWAHAW	Num	8	4.	4.	Q27.Hours spent on care child ill adult
197	EEVWAHDK	Num	8	YNDKSP.	4.	Q27.Hrs spent on care child ill adult:DK
158	EEVWAHVW	Num	8	3.	3.	Q26a.Hours spent on volunteer work
156	EEVWAHWR	Num	8	3.	3.	Q25a.Hours spent on work for pay
162	EEVWCURA	Num	8	YNDK.	3.	Q27.Any care of child disabled ill adult
159	EEVWCURJ	Num	8	YNDK.	3.	Q25.Work for pay at job consult odd jobs
160	EEVWCURV	Num	8	YNDK.	3.	Q26.Do any volunteer work?
198	EEVWDK	Num	8	YNDKSP.	4.	Q25a.Hours spent on work for pay:DK
163	EEVWVACT	Num	8	ACTIV1X.	3.	Q26b.Type of activity in volunteer work
157	EEVWWACT	Num	8	ACTIV1X.	3.	Q25b.Type of activity in work for pay
211	EEWEIGHT	Num	8	8.1	8.1	Q1.EE V2:Weight (kgs)
458	FFQACARO	Num	8			Alpha-Carotene (ug)
522	FFQANMPR	Num	8			Total protein from animal sources (gm)
459	FFQBCARO	Num	8			Beta-Carotene (ug)
476	FFQBPCRB	Num	8			% carb calcs, alcoholic beverages excl
474	FFQBPFAT	Num	8			% fat calcs, alcoholic beverages excluded
475	FFQBPPRO	Num	8			% protein calcs, alcoholic beverages excl
498	FFQBUTR	Num	8	11.	11.	How often bread with butter/margarine

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
436	FFQCALC	Num	8			Calcium (mg)
432	FFQCALS	Num	8			Calories (Kcal)
435	FFQCARB	Num	8			Carbohydrate (g)
464	FFQCARO	Num	8			Carotene Provitamin A carotenoids (ug)
487	FFQCCER	Num	8	11.	11.	Freq of any kind of cold cereal
450	FFQCHOL	Num	8			Cholesterol (mg)
460	FFQCRYP	Num	8			Cryptoxanthin (carotenoid) (ug)
466	FFQDAID	Num	8			Daidzein (ug)
519	FFQDATE	Num	8	MMDDYY10.	DATETIME22.3	Date Food Frequency Administered
484	FFQDRYS	Num	8	11.	11.	Daily servings of milk,yogurt,cheese
490	FFQEFAT	Num	8	FFQ7X.	11.	How often eat fat on beef; pork
491	FFQESKN	Num	8	FFQ7X.	11.	How often eat skin on chicken
485	FFQFATS	Num	8	11.	11.	Daily freq of fats,oils,sweets,sodas
493	FFQFATVG	Num	8	11.	11.	How often fats added to veg
477	FFQFBEAN	Num	8			Dietary fiber from beans (g)
479	FFQFGRN	Num	8			Dietary fiber from grains (g)
451	FFQFIBR	Num	8			Total Dietary Fiber (g)
515	FFQFIXYN	Num	8	11.	11.	Was a fix applied to this record
452	FFQFOL	Num	8			Folate (mg)
496	FFQFQFAT	Num	8	11.	11.	How often use fat/oil in cooking
481	FFQFRTS	Num	8	11.	11.	Daily freq of fruits, fruit juices
494	FFQFRYVG	Num	8	11.	11.	How often veg fried
478	FFQFVEG	Num	8			Dietary fiber from veg and fruit (g)
465	FFQGENI	Num	8			Genistein (ug)
495	FFQGFRT	Num	8	11.	11.	#servings of fruit per day,week
482	FFQGRNS	Num	8	11.	11.	Daily servings of grain
468	FFQGSF	Num	8			Grams of Solid Food (g)
492	FFQGVEG	Num	8	11.	11.	#servings of veg per day,week
438	FFQIRON	Num	8			Iron (mg)
449	FFQLINA	Num	8			Linoleic Acid (g)
461	FFQLUT	Num	8			Lutein (carotenoid) (ug)
462	FFQLYCO	Num	8			Lycopene (carotenoid) (ug)
457	FFQMAGN	Num	8			Magnesium (mg)
483	FFQMEAS	Num	8	11.	11.	Daily servings of meat/protein
499	FFQMILK	Num	8	11.	11.	Type of mik consumed
513	FFQN2HIF	Num	8	11.	11.	Number of foods with too high freq
514	FFQN2HIG	Num	8	11.	11.	# food groups w/too high total freq
518	FFQNERR	Num	8	11.	11.	# serious errors applied
505	FFQNFDS	Num	8			Number of solid foods consumed per day
516	FFQNFIX	Num	8	11.	11.	How many items were fixed
445	FFQNIAC	Num	8			Niacin (mg)
504	FFQNNOS	Num	8	11.	11.	# food items w/serv size omitted
510	FFQNONCE	Num	8	11.	11.	# foods marked as <once per> any unit
503	FFQNSKIP	Num	8	11.	11.	Number of food items skipped
517	FFQNWARN	Num	8	11.	11.	# warnings applied

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
448	FFQOLEA	Num	8			Oleic Acid (g)
502	FFQOUTAP	Char	3	\$OUTLIER.	\$3.	Outlier on calcs after portion size adj
501	FFQOUTBP	Char	3	\$OUTLIER.	\$3.	Outlier on calcs before portion size adj
473	FFQPALCH	Num	8			% of Kcal from alcoholic beverages
497	FFQPAM	Num	8	11.	11.	How often is Pam used instead of fat
511	FFQPCOL1	Num	8			% foods marked <never/less than 1/month>
512	FFQPCOL9	Num	8			% foods marked as <twice per day>
471	FFQPCRB	Num	8			% of Kcal from carbohydrate
469	FFQPFAT	Num	8			% of Kcal from fat
437	FFQPHOS	Num	8			Phosphorus (mg)
508	FFQPLRG	Num	8			% foods marked as large portion
507	FFQPMED	Num	8			% foods marked as medium portion
440	FFQPOT	Num	8			Potassium (mg)
488	FFQPOTT	Num	8	11.	11.	How often potatoes w/o toppings
470	FFQPPRO	Num	8			% of Kcal from protein
433	FFQPROT	Num	8			Protein (g)
506	FFQPSM	Num	8			% foods marked as small portion
472	FFQPSWT	Num	8			% of Kcal from sweets and dessert
509	FFQPXLS	Num	8			% foods marked as x-large portion
500	FFQRELY	Char	3	\$3.	\$3.	How reliable are ppt responses
463	FFQRETN	Num	8			Retinol (preformed Vit A, ug)
444	FFQRIBO	Num	8			Riboflavin (B2) (mg)
447	FFQSFAT	Num	8			Saturated Fat (g)
439	FFQSOD	Num	8			Sodium (mg)
486	FFQSTFID	Char	4	\$4.	\$4.	Staff ID
434	FFQTFAT	Num	8			Total Fat (g)
443	FFQTHIA	Num	8			Thiamine (B1) (mg)
520	FFQTOTPR	Num	8			Total dietary protein (gm)
489	FFQTRIM	Num	8	11.	11.	How often trim fat on red meats
521	FFQVEGPR	Num	8			Total protein from vegetable sources (gm)
480	FFQVEGS	Num	8	11.	11.	Daily servings of vegetables
441	FFQVITA1	Num	8			Vitamin A (IU)
442	FFQVITA2	Num	8			Vitamin A (RE)
456	FFQVITB6	Num	8			Vitamin B6 (mg)
446	FFQVITC	Num	8			Vitamin C (mg)
467	FFQVITD	Num	8			Vitamin D (IU)
453	FFQVITE	Num	8			Vitamin E a-TE
454	FFQZINC1	Num	8			Zinc (mg)
455	FFQZINC2	Num	8			Zinc from animal sources (mg)
414	FQAPA	Num	8	FFQ1X.	3.	Food Freq: Applesauce
405	FQAPASZ	Num	8	SIZE4X.	3.	Food Freq: Applesauce (Portion)
409	FQAPPL	Num	8	FFQ1X.	3.	Food Freq: Apples Pears
420	FQAPPLSZ	Num	8	SIZE1X.	3.	Food Freq: Apples Pears (Portion)
229	FQBACN	Num	8	FFQ1X.	3.	Food Freq: Bacon
215	FQBACNSZ	Num	8	SIZE3X.	3.	Food Freq: Bacon (Portion)
408	FQBANA	Num	8	FFQ1X.	3.	Food Freq: Bananas

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
419	FQBANASZ	Num	8	SIZE1X.	3.	Food Freq: Bananas (portion)
245	FQBEAN	Num	8	FFQ1X.	3.	Food Freq: Baked beans
353	FQBEANSZ	Num	8	SIZE4X.	3.	Food Freq: Baked beans (Portion)
264	FQBEEF	Num	8	FFQ1X.	3.	Food Freq: Beef
291	FQBEEFSZ	Num	8	SIZE5X.	3.	Food Freq: Beef (Portion)
331	FQBEER	Num	8	FFQ3X.	3.	Food Freq: Beer
339	FQBEERSZ	Num	8	SIZE6X.	3.	Food Freq: Beer (Portion)
403	FQBLEND	Num	8	YNDKSP.	4.	Food Freq: Butter margarine blend
238	FQBROC	Num	8	FFQ1X.	3.	Food Freq: Broccoli
356	FQBROCSZ	Num	8	SIZE4X.	3.	Food Freq: Broccoli (Portion)
263	FQBURG	Num	8	FFQ1X.	3.	Food Freq: Hamburger
290	FQBURGSZ	Num	8	SIZE5X.	3.	Food Freq: Hamburger (Portion)
395	FQBUTTER	Num	8	YNDKSP.	4.	Food Freq: Butter
315	FQCAKE	Num	8	FFQ2X.	3.	Food Freq: Cake
376	FQCAKESZ	Num	8	SIZE4X.	3.	Food Freq: Cake (Portion)
412	FQCANT	Num	8	FFQ1X.	3.	Food Freq: Canteloupe
417	FQCANTSZ	Num	8	SIZE2X.	3.	Food Freq: Canteloupe (Portion)
298	FQCBRD	Num	8	FFQ2X.	3.	Food Freq: Corn bread
373	FQCBRDSZ	Num	8	SIZE4X.	3.	Food Freq: Corn bread (Portion)
233	FQCERE	Num	8	FFQ1X.	3.	Food Freq: Cold cereal
237	FQCHES	Num	8	FFQ1X.	3.	Food Freq: Other cheese
226	FQCHESSZ	Num	8	SIZE3X.	3.	Food Freq: Other cheese (Portion)
287	FQCHIK	Num	8	FFQ1X.	3.	Food Freq: Chicken turkey
288	FQCHIKSZ	Num	8	SIZE5X.	3.	Food Freq: Chicken turkey (Portion)
321	FQCHOC	Num	8	FFQ2X.	3.	Food Freq: Chocolate candy
382	FQCHOCSZ	Num	8	SIZE4X.	3.	Food Freq: Chocolate candy (Portion)
415	FQCNPC	Num	8	FFQ1X.	3.	Food Freq: Canned peaches
406	FQCNPCSZ	Num	8	SIZE4X.	3.	Food Freq: Canned peaches (Portion)
333	FQCOFF	Num	8	FFQ3X.	3.	Food Freq: Coffee
340	FQCOFFSZ	Num	8	SIZE4X.	3.	Food Freq: Coffee (Portion)
316	FQCOOK	Num	8	FFQ2X.	3.	Food Freq: Cookies
377	FQCOOKSZ	Num	8	SIZE4X.	3.	Food Freq: Cookies (Portion)
246	FQCORN	Num	8	FFQ1X.	3.	Food Freq: Corn
354	FQCORNSZ	Num	8	SIZE4X.	3.	Food Freq: Corn (Portion)
220	FQCOTT	Num	8	FFQ1X.	3.	Food Freq: Cottage cheese
225	FQCOTTSZ	Num	8	SIZE4X.	3.	Food Freq: Cottage cheese (Portion)
269	FQCRAB	Num	8	FFQ1X.	3.	Food Freq: Shellfish
367	FQCRABSZ	Num	8	SIZE4X.	3.	Food Freq: Shellfish (Portion)
305	FQCRCK	Num	8	FFQ2X.	3.	Food Freq: Crackers
372	FQCRCKSZ	Num	8	SIZE4X.	3.	Food Freq: Crackers (Portion)
401	FQCRISCO	Num	8	YNDKSP.	4.	Food Freq: Crisco shortening
346	FQCRM	Num	8	FFQ3X.	3.	Food Freq: Cream w coffee,tea
342	FQCRMSZ	Num	8	SIZE3X.	3.	Food Freq: Cream w coffee,tea (Portion)
430	FQDATE	Num	8	MMDDYY10.	DATETIME22.3	Date
297	FQDBRD	Num	8	FFQ2X.	3.	Food Freq: Dark bread
311	FQDBRDSZ	Num	8	SIZE3X.	3.	Food Freq: Dark bread (Portion)
402	FQDK	Num	8	YNDKSP.	4.	Food Freq: Oil use - Don t know
314	FQDONU	Num	8	FFQ2X.	3.	Food Freq: Donuts danish
375	FQDONUSZ	Num	8	SIZE4X.	3.	Food Freq: Donuts danish (Portion)

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
254	FQDRES	Num	8	FFQ1X.	3.	Food Freq: Salad dressing
259	FQDRESSZ	Num	8	SIZE4X.	3.	Food Freq: Salad dressing (Portion)
529	FQEERD	Num	8	FFQ2X.	6.	FFQ How often eat/cornbread...hushpuppies
530	FQEERDSZ	Num	8	SIZE4X.	6.	FFQ Portion size/corn bread...hush puppies
526	FQEERE	Num	8	FFQ1X.	6.	FFQ How often eat/any cold cereal
228	FQEGGS	Num	8	FFQ1X.	3.	Food Freq: Eggs
423	FQEGGSSZ	Num	8	SIZE3X.	3.	Food Freq: Eggs (Portion)
221	FQFAT1	Num	8	FFQ5X.	3.	Food Freq: Cheese (fat content)
222	FQFAT2	Num	8	FFQ5X.	3.	Food Freq: Yogurt (fat content)
424	FQFAT3	Num	8	FFQ6X.	3.	Food Freq: Potatoes without butter
239	FQFAT4	Num	8	FFQ5X.	3.	Food Freq: Salad dressing (fat content)
283	FQFAT5	Num	8	FFQ6X.	3.	Food Freq: Red meat with fat trimmed
425	FQFAT6	Num	8	FFQ7X.	3.	Food Freq: Beef pork fat
285	FQFAT7	Num	8	FFQ7X.	3.	Food Freq: Chicken with skin
275	FQFAT8	Num	8	FFQ5X.	3.	Food Freq: Lunch meat (fat content)
322	FQFAT9	Num	8	FFQ5X.	3.	Food Freq: Cake (fat content)
323	FQFAT10	Num	8	FFQ5X.	3.	Food Freq: Cookies (fat content)
324	FQFAT11	Num	8	FFQ5X.	3.	Food Freq: Ice Cream (fat content)
428	FQFAT12	Num	8	FFQ6X.	3.	Food Freq: Butter marg w veg
391	FQFAT13	Num	8	FFQ4X.	3.	Food Freq: Fat to cook season food
234	FQFIBR	Num	8	FFQ1X.	3.	Food Freq: Fiber bran cereal
217	FQFIBRSZ	Num	8	SIZE4X.	3.	Food Freq: Fiber bran cereal (Portion)
271	FQFISH	Num	8	FFQ1X.	3.	Food Freq: Fried fish
276	FQFISHSZ	Num	8	SIZE5X.	3.	Food Freq: Fried fish (Portion)
268	FQFRCH	Num	8	FFQ1X.	3.	Food Freq: Fried chicken
286	FQFRCHSZ	Num	8	SIZE5X.	3.	Food Freq: Fried chicken (Portion)
429	FQFRIED	Num	8	FFQ6X.	3.	Food Freq: Fried vegetables
393	FQFRUIT	Num	8	FFQ4X.	3.	Food Freq: Fruit servings
328	FQFRUT	Num	8	FFQ3X.	3.	Food Freq: Other fruit juice
386	FQFRUTSZ	Num	8	SIZE4X.	3.	Food Freq: Other fruit juice (Portion)
240	FQFRYS	Num	8	FFQ1X.	3.	Food Freq: French fries
255	FQFRYSSZ	Num	8	SIZE4X.	3.	Food Freq: French fries (Portion)
411	FQGFRU	Num	8	FFQ1X.	3.	Food Freq: Grapefruit
422	FQGFRUSZ	Num	8	SIZE1X.	3.	Food Freq: Grapefruit (Portion)
306	FQGRAV	Num	8	FFQ2X.	3.	Food Freq: Gravy
369	FQGRAVSZ	Num	8	SIZE3X.	3.	Food Freq: Gravy (Portion)
250	FQGRNS	Num	8	FFQ1X.	3.	Food Freq: Collard other greens
359	FQGRNSSZ	Num	8	SIZE4X.	3.	Food Freq: Collard other greens (Portion)
252	FQGSAL	Num	8	FFQ1X.	3.	Food Freq: Green salad
361	FQGSALSZ	Num	8	SIZE4X.	3.	Food Freq: Green salad (Portion)
273	FQHDOG	Num	8	FFQ1X.	3.	Food Freq: Hot dogs
278	FQHDOGSZ	Num	8	SIZE3X.	3.	Food Freq: Hot dogs (Portion)
326	FQHIC	Num	8	FFQ3X.	3.	Food Freq: Hi-C
384	FQHICSZ	Num	8	SIZE4X.	3.	Food Freq: Hi-C (Portion)

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
317	FQICEC	Num	8	FFQ2X.	3.	Food Freq: Ice Cream
378	FQICECSZ	Num	8	SIZE4X.	3.	Food Freq: Ice Cream (Portion)
531	FQIEEC	Num	8	FFQ2X.	6.	FFQ How often eat/ice cream, ice milk...
532	FQIEECSZ	Num	8	SIZE4X.	6.	FFQ Portion size/ice cream, ice milk...
302	FQKTCH	Num	8	FFQ2X.	3.	Food Freq: Ketchup salsa
307	FQKTCHSZ	Num	8	SIZE3X.	3.	Food Freq: Ketchup salsa (Portion)
398	FQLARD	Num	8	YNDKSP.	4.	Food Freq: Lard
265	FQLIVR	Num	8	FFQ1X.	3.	Food Freq: Liver
292	FQLIVRSZ	Num	8	SIZE5X.	3.	Food Freq: Liver (Portion)
399	FQLOWFAT	Num	8	YNDKSP.	4.	Food Freq: Low fat margarine
280	FQMACA	Num	8	FFQ1X.	3.	Food Freq: Cheese dishes
365	FQMACASZ	Num	8	SIZE4X.	3.	Food Freq: Cheese dishes (Portion)
299	FQMARG	Num	8	FFQ2X.	3.	Food Freq: Butter margarine
394	FQMARGST	Num	8	YNDKSP.	4.	Food Freq: Stick margarine
310	FQMARGSZ	Num	8	SIZE3X.	3.	Food Freq: Butter margarine (Portion)
396	FQMARGTB	Num	8	YNDKSP.	4.	Food Freq: Soft tub margarine
300	FQMAYO	Num	8	FFQ2X.	3.	Food Freq: Mayonnaise
309	FQMAYOSZ	Num	8	SIZE3X.	3.	Food Freq: Mayonnaise (Portion)
274	FQMEAT	Num	8	FFQ1X.	3.	Food Freq: Lunch meats
279	FQMEATSZ	Num	8	SIZE3X.	3.	Food Freq: Lunch meats (Portion)
389	FQMILK	Num	8	FFQ1X.	3.	Food Freq: Milk on cereal
337	FQMILK3	Num	8	FFQ8X.	3.	Food Freq: Type of milk
267	FQMIXD	Num	8	FFQ1X.	3.	Food Freq: Mixed dish w meat
289	FQMIXDSZ	Num	8	SIZE4X.	3.	Food Freq: Mixed dish w meat (Portion)
329	FQMLK2	Num	8	FFQ3X.	3.	Food Freq: Milk cocoa
347	FQMLK4	Num	8	FFQ3X.	3.	Food Freq: Milk w coffee,tea
387	FQMLK2SZ	Num	8	SIZE4X.	3.	Food Freq: Milk cocoa (Portion)
343	FQMLK4SZ	Num	8	SIZE3X.	3.	Food Freq: Milk w coffee,tea (Portion)
294	FQMUFF	Num	8	FFQ2X.	3.	Food Freq: Biscuit muffin
374	FQMUFFSZ	Num	8	SIZE4X.	3.	Food Freq: Biscuit muffin (Portion)
248	FQMVEG	Num	8	FFQ1X.	3.	Food Freq: Carrots mixed veg
357	FQMVEGSZ	Num	8	SIZE4X.	3.	Food Freq: Carrots mixed veg (Portion)
304	FQNUTS	Num	8	FFQ2X.	3.	Food Freq: Nuts seeds
371	FQNUTSSZ	Num	8	SIZE4X.	3.	Food Freq: Nuts seeds (Portion)
232	FQOATM	Num	8	FFQ1X.	3.	Food Freq: Cooked cereal
216	FQOATMSZ	Num	8	SIZE4X.	3.	Food Freq: Cooked cereal (Portion)
325	FQOJ	Num	8	FFQ3X.	3.	Food Freq: Orange juice
336	FQOJC	Num	8	FFQ5X.	3.	Food Freq: Calc-fortified orange juice
383	FQOJSZ	Num	8	SIZE4X.	3.	Food Freq: Orange juice (Portion)
397	FQOLVOIL	Num	8	YNDKSP.	4.	Food Freq: Olive Canola oil
410	FQORAN	Num	8	FFQ1X.	3.	Food Freq: Oranges Tangerines
421	FQORANSZ	Num	8	SIZE1X.	3.	Food Freq: Oranges Tangerines (Portion)
416	FQOTH	Num	8	FFQ1X.	3.	Food Freq: Other fruit

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
272	FQOTHF	Num	8	FFQ1X.	3.	Food Freq: Other fish
277	FQOTHFSZ	Num	8	SIZE5X.	3.	Food Freq: Other fish (Portion)
319	FQOTHP	Num	8	FFQ2X.	3.	Food Freq: Other pie
380	FQOTHPSZ	Num	8	SIZE4X.	3.	Food Freq: Other pie (Portion)
258	FQOTHS	Num	8	FFQ1X.	3.	Food Freq: Other soup
261	FQOTHSSZ	Num	8	SIZE4X.	3.	Food Freq: Other soup (Portion)
407	FQOTHSZ	Num	8	SIZE4X.	3.	Food Freq: Other fruit (Portion)
256	FQOTHV	Num	8	FFQ1X.	3.	Food Freq: Other vegetables
363	FQOTHVSZ	Num	8	SIZE4X.	3.	Food Freq: Other vegetables (Portion)
404	FQPAM	Num	8	YNDKSP.	4.	Food Freq: PAM
231	FQPANC	Num	8	FFQ1X.	3.	Food Freq: Pancakes
224	FQPANCSZ	Num	8	SIZE3X.	3.	Food Freq: Pancakes (Portion)
284	FQPAST	Num	8	FFQ1X.	3.	Food Freq: Pasta w tomato sauce
364	FQPASTSZ	Num	8	SIZE4X.	3.	Food Freq: Pasta w tomato sauce(Portion)
413	FQPEAC	Num	8	FFQ1X.	3.	Food Freq: Peaches apricots
418	FQPEACSZ	Num	8	SIZE1X.	3.	Food Freq: Peaches Apricots (Portion)
247	FQPEAS	Num	8	FFQ1X.	3.	Food Freq: Green beans peas
355	FQPEASSZ	Num	8	SIZE4X.	3.	Food Freq: Green beans peas (Portion)
318	FQPIES	Num	8	FFQ2X.	3.	Food Freq: Pumpkin pie
379	FQPIESSZ	Num	8	SIZE4X.	3.	Food Freq: Pumpkin pie (Portion)
281	FQPIZZ	Num	8	FFQ1X.	3.	Food Freq: Pizza
282	FQPIZZSZ	Num	8	SIZE3X.	3.	Food Freq: Pizza (Portion)
301	FQPNUT	Num	8	FFQ2X.	3.	Food Freq: Peanut butter
308	FQPNUTSZ	Num	8	SIZE3X.	3.	Food Freq: Peanut butter (Portion)
266	FQPORK	Num	8	FFQ1X.	3.	Food Freq: Pork
293	FQPORKSZ	Num	8	SIZE5X.	3.	Food Freq: Pork (Portion)
241	FQPOTA	Num	8	FFQ1X.	3.	Food Freq: Potatoes
349	FQPOTASZ	Num	8	SIZE4X.	3.	Food Freq: Potatoes (Portion)
320	FQPUDD	Num	8	FFQ2X.	3.	Food Freq: Pudding
381	FQPUDDSZ	Num	8	SIZE4X.	3.	Food Freq: Pudding (Portion)
431	FQRELY	Num	8	FFQ9X.	3.	Food Freq: How reliable
243	FQRICE	Num	8	FFQ1X.	3.	Food Freq: Rice
351	FQRICESZ	Num	8	SIZE4X.	3.	Food Freq: Rice (Portion)
527	FQRIEE	Num	8	FFQ1X.	6.	FFQ How often eat/rice, dishes w/ rice
528	FQRIEESZ	Num	8	SIZE4X.	6.	FFQ Portion size/rice
295	FQROLL	Num	8	FFQ2X.	3.	Food Freq: Rolls buns bagels
313	FQROLLSZ	Num	8	SIZE3X.	3.	Food Freq: Rolls buns bagels (Portion)
230	FQSAUS	Num	8	FFQ1X.	3.	Food Freq: Sausage
223	FQSAUSSZ	Num	8	SIZE3X.	3.	Food Freq: Sausage (Portion)
335	FQSHOT	Num	8	FFQ3X.	3.	Food Freq: Shots of liquor
251	FQSLAW	Num	8	FFQ1X.	3.	Food Freq: Cole slaw
360	FQSLAWSZ	Num	8	SIZE4X.	3.	Food Freq: Cole slaw (Portion)
303	FQSNCK	Num	8	FFQ2X.	3.	Food Freq: Snacks
370	FQSNCKSZ	Num	8	SIZE4X.	3.	Food Freq: Snacks (Portion)
330	FQSOFT	Num	8	FFQ3X.	3.	Food Freq: Soft drinks

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
338	FQSOFTSZ	Num	8	SIZE6X.	3.	Food Freq: Soft drinks (Portion)
257	FQSOUF	Num	8	FFQ1X.	3.	Food Freq: Vegetable soup
260	FQSOUFSZ	Num	8	SIZE4X.	3.	Food Freq: Vegetable soup (Portion)
236	FQSPEK	Num	8	FFQ1X.	3.	Food Freq: Corn Flakes Special K
219	FQSPEKSZ	Num	8	SIZE4X.	3.	Food Freq: Corn Flakes Sp K (Portion)
249	FQSPIN	Num	8	FFQ1X.	3.	Food Freq: Spinach
358	FQSPINSZ	Num	8	SIZE4X.	3.	Food Freq: Spinach (Portion)
427	FQSPRAY	Num	8	FFQ6X.	3.	Food Freq: PAM non-stick spray
262	FQSTEW	Num	8	FFQ1X.	3.	Food Freq: Chicken stew
366	FQSTEWSZ	Num	8	SIZE4X.	3.	Food Freq: Chicken stew (Portion)
214	FQSTFID	Char	3	\$3.	\$3.	Staff ID (Food Frequency)
244	FQSTUF	Num	8	FFQ1X.	3.	Food Freq: Stuffing dressing
352	FQSTUFSZ	Num	8	SIZE4X.	3.	Food Freq: Stuffing dressing (Portion)
348	FQSUGR	Num	8	FFQ3X.	3.	Food Freq: Sugar w coffee,tea
344	FQSUGRSZ	Num	8	SIZE3X.	3.	Food Freq: Sugar w coffee,tea (Portion)
345	FQSUPL	Num	8	FFQ3X.	3.	Food Freq: Instant breakfast
334	FQTEA	Num	8	FFQ3X.	3.	Food Freq: Tea ice tea
341	FQTEASZ	Num	8	SIZE4X.	3.	Food Freq: Tea ice tea (Portion)
253	FQTOMA	Num	8	FFQ1X.	3.	Food Freq: Tomatoes
362	FQTOMASZ	Num	8	SIZE4X.	3.	Food Freq: Tomatoes (Portion)
235	FQTOTL	Num	8	FFQ1X.	3.	Food Freq: Product 19 Total
218	FQTOTLSZ	Num	8	SIZE4X.	3.	Food Freq: Product 19 Total (Portion)
270	FQTUNA	Num	8	FFQ1X.	3.	Food Freq: Tuna
368	FQTUNASZ	Num	8	SIZE4X.	3.	Food Freq: Tuna (Portion)
327	FQV8	Num	8	FFQ3X.	3.	Food Freq: Tomato juice V8
385	FQV8SZ	Num	8	SIZE4X.	3.	Food Freq: Tomato juice V8 (Portion)
392	FQVEG	Num	8	FFQ4X.	3.	Food Freq: Vegetable servings
400	FQVEGOIL	Num	8	YNDKSP.	4.	Food Freq: Corn Vegetable oil
296	FQWBRD	Num	8	FFQ2X.	3.	Food Freq: White bread
312	FQWBRDSZ	Num	8	SIZE3X.	3.	Food Freq: White bread (Portion)
426	FQWBUTTR	Num	8	FFQ6X.	3.	Food Freq: Bread,rolls, butter,margarine
332	FQWINE	Num	8	FFQ3X.	3.	Food Freq: Wine
388	FQWINESZ	Num	8	SIZE4X.	3.	Food Freq: Wine (Portion)
533	FQY2STID	Char	3	\$3.	\$3.	Staff ID# of year 2 FFQ examiner
242	FQYAMS	Num	8	FFQ1X.	3.	Food Freq: Sweet potatoes yams
350	FQYAMSSZ	Num	8	SIZE4X.	3.	Food Freq: Sweet potatoes yams (Portion)
390	FQYOGR	Num	8	FFQ1X.	3.	Food Freq: Yogurt
227	FQYOGRSZ	Num	8	SIZE4X.	3.	Food Freq: Yogurt (Portion)
563	GENDER	Num	8	GENDER.	11.	Gender
14	HABCID	Num	8	11.	11.	HABC Enrollment ID #
561	MCSD	Num	8			Marlowe-Crowne Social Desirability Score
29	PECLAUST	Num	8	YNDK.	3.	Q7.Do you think you will be comfortable?

## The CONTENTS Procedure

## Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
19	PEDATE	Num	8	MMDDYY10.	DATETIME22.3	Date Pre-Visit Energy Exp form completed
23	PEDIAB	Num	8	YNDK.	3.	Q1.Are you currently using insulin?
32	PEELIG	Num	8	YNDK.	6.	Q8.Ppt eligible for EE substudy?
28	PEIV	Num	8	YNDK.	3.	Q6.Have you received a blood tranfusion?
21	PEMORE	Num	8	YNDK.	3.	Q0.Would you like to hear more about EE?
24	PEOXY	Num	8	YNDK.	3.	Q2.Are you taking supplemental oxygen?
22	PEPART	Num	8	YNDK.	3.	Q0a.Would you like to participate?
30	PESCHED	Num	8	YNDK.	3.	Q8.Has ppt been scheduled for EE Visit 2
20	PESTFID	Char	3	\$3.	\$3.	Pre-Visit Energy Exp Staff ID
27	PESURG	Num	8	YNDK.	3.	Q5.Are you scheduled for major surgery?
25	PETRAV1	Num	8	YNDK.	3.	Q3.Have you traveled more than 200 mi?
26	PETRAV2	Num	8	YNDK.	3.	Q4.Are you planning a trip next 4 wks?
31	PEV2DATE	Num	8	MMDDYY10.	DATETIME22.3	Q8a.Date of EE Visit 2
562	RACE	Num	8	RACE.	11.	Race
15	SITE	Num	8	SITE.	11.	Clinic Site 1=Memphis 2=Pittsburgh
564	VERSION	Num	8	8.3		Data Analysis File Version #
523	YEAR	Num	8			Year of EE Visit

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
1	EESTFID	Char	8	\$8.	\$8.	Staff ID (Energy Expenditure)
2	EERMUR	Num	8	BEST.		Resting metabolic rate (mj/day)
3	EERMURSD	Num	8	BEST.		Resting metabolic rate (mj/day) Std Dev
4	EERQ	Num	8	BEST.		Respiratory quotient during RMR
5	EERQSD	Num	8	BEST.		Respiratory quotient during RMR Std Dev
6	EEQCRMUR	Char	4	\$4.	\$4.	Quality assessment of the RMR data
7	EETEE	Num	8	BEST.		Total daily energy expenditure (mj/day)
8	EEQCTEE	Char	4	\$4.	\$4.	Quality assessment of the TEE data
9	EENONBAS	Num	8	BEST.		Expended in excess of RMR (mj/day)
10	EETBW	Num	8	BEST.		Total body water measured (kg)
11	EEFFMTBW	Num	8	BEST.		Fat-free mass calculated (kg)
12	EEH2O	Num	8	BEST.		Water turnover (kg/day)
13	COMMENT	Char	50	\$50.	\$50.	Comment from EE Reading Center
14	HABCID	Num	8	11.	11.	HABC Enrollment ID #
15	SITE	Num	8	SITE.	11.	Clinic Site 1=Memphis 2=Pittsburgh
16	EDATE	Num	8	MMDDYY.		Exam Date
17	EEDATE	Num	8	MMDDYY.		EE visit date
18	EEFLAG	Num	8	YNDK.		Indicates ppt has EE laboratory data
19	PEDATE	Num	8	MMDDYY10.	DATETIME22.3	Date Pre-Visit Energy Exp form completed
20	PESTFID	Char	3	\$3.	\$3.	Pre-Visit Energy Exp Staff ID
21	PEMORE	Num	8	YNDK.	3.	Q0.Would you like to hear more about EE?
22	PEPART	Num	8	YNDK.	3.	Q0a.Would you like to participate?
23	PEDIAB	Num	8	YNDK.	3.	Q1.Are you currently using insulin?
24	PEOXY	Num	8	YNDK.	3.	Q2.Are you taking supplemental oxygen?
25	PETRAV1	Num	8	YNDK.	3.	Q3.Have you traveled more than 200 mi?
26	PETRAV2	Num	8	YNDK.	3.	Q4.Are you planning a trip next 4 wks?
27	PESURG	Num	8	YNDK.	3.	Q5.Are you scheduled for major surgery?
28	PEIV	Num	8	YNDK.	3.	Q6.Have you received a blood tranfusion?
29	PECLAUST	Num	8	YNDK.	3.	Q7.Do you think you will be comfortable?
30	PESCHED	Num	8	YNDK.	3.	Q8.Has ppt been scheduled for EE Visit 2
31	PEV2DATE	Num	8	MMDDYY10.	DATETIME22.3	Q8a.Date of EE Visit 2
32	PEELIG	Num	8	YNDK.	6.	Q8.Ppt eligible for EE substudy?
33	EETRAV1	Num	8	YNDK.	3.	Q2.EE:Traveled >200 miles in past week
34	EEDLW	Num	8	5.	5.	Q6.EE:Dose of DLW (grams)
35	EEIV1	Num	8	YNDK.	3.	Q3.EE:Rec d blood transfusion IV past wk
36	EEHRS1	Num	8	3.	3.	Q4.EE:How many hrs last eat drink?

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
37	EEHRSREF	Num	8	YNDK.	3.	Q4.EE:How many hrs last eat drink:DK Ref
38	EE4HRS	Num	8	YNDK.	3.	Q4a.EE:<4 hrs since last eat drink
39	EESPILL	Num	8	YNDK.	3.	Q6.EE:Spillage of DLW?
40	EESTFID1	Char	3	\$3.	\$3.	Staff ID (Energy Expenditure)
41	EEDATE1	Num	8	MMDDYY10.	DATETIME22.3	EE Visit 1 Date form completed
42	EESUS	Num	8	YNDK.	3.	Q11.EE:Fluids after dose:sustical
43	EEVOLSU	Num	8	4.	4.	Q11.EE:Fluids after dose:sustical vol ml
44	EEOTH	Num	8	YNDK.	3.	Q11.EE:Fluids after dose:other
45	EEVOLOT1	Num	8	4.	4.	Q11a.EE:Fluids after dose:other volume 1
46	EEVOLOT2	Num	8	4.	4.	Q11b.EE:Fluids after dose:other volume 2
47	EEVOLOT3	Num	8	4.	4.	Q11c.EE:Fluids after dose:other volume 3
48	EESTFID2	Char	3	\$3.	\$3.	Staff ID (EE Visit 2)
49	EEAC12MO	Num	8	YNDK.	3.	Q21.Do any aerobics,calisthenics
50	EETR12MO	Num	8	YNDK.	3.	Q22.Do any weight circuit training
51	EEHINDEX	Num	8	MREAS1X.	3.	Q23.Main reason for no hi int exer
52	EEHIABE	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:bicycling
53	EEHIASWM	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:swimming
54	EEHIAJOG	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:jogging
55	EEHIAAER	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:aerobics
56	EEHIARS	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:racquet sport
57	EEHIAROW	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:rowing mach
58	EEHIASKI	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:cc ski mach
59	EEHIAOTH	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:other
60	EEHIASS	Num	8	YNDKSP.	4.	Q23a.Hi intensity exercise:stair-step
61	EEHIA2EF	Num	8	EFFORT.	3.	Q23e.Effort spent on 2nd hi int exer
62	EEHIA3EF	Num	8	EFFORT.	3.	Q23g.Effort spent on 3rd hi int exer
63	EEHIA1EF	Num	8	EFFORT.	3.	Q23c.Effort spent on 1st hi int exer
64	EEHIA4EF	Num	8	EFFORT.	3.	Q23i.Effort spent on 4th hi int exer
65	EEMINDEX	Num	8	MREAS1X.	3.	Q24.Main reason for no mod int exer
66	EEMIGOLF	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:golf
67	EEMIBOWL	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:bowling
68	EEMIDANC	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:dancing
69	EEMISKAT	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:skate
70	EEMIBOCC	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:bocce
71	EEMITENN	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:table tennis
72	EEMIOT1	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:other

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
73	EEMIPPOOL	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:pool
74	EEMIHUNT	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:hunting
75	EEMIBOAT	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:boating
76	EEMIFISH	Num	8	YNDKSP.	4.	Q24a.Mod intensity exercise:fishing
77	EEMIA1EF	Num	8	EFFORT.	3.	Q24c.Effort spent on 1st mod int exer
78	EEMIA2EF	Num	8	EFFORT.	3.	Q24e.Effort spent on 2nd mod int exer
79	EEMIA3EF	Num	8	EFFORT.	3.	Q24g.Effort spent on 3rd mod int exer
80	EEMIA4EF	Num	8	EFFORT.	3.	Q24i.Effort spent on 4th mod int exer
81	EEAT1	Num	8	YNDK.	3.	Q39.1:Before voting, I investigate..
82	EEAT2	Num	8	YNDK.	3.	Q39.2:I never hesitate to help someone
83	EEAT3	Num	8	YNDK.	3.	Q39.3:Sometimes hard to go on with work
84	EEAT4	Num	8	YNDK.	3.	Q39.4:Never intensely disliked someone
85	EEAT5	Num	8	YNDK.	3.	Q39.5:I have doubts about my ability
86	EEAT6	Num	8	YNDK.	3.	Q39.6:Resentful when I don t get my way
87	EEAT7	Num	8	YNDK.	3.	Q39.7:Careful about my manner of dress
88	EEAT8	Num	8	YNDK.	3.	Q39.8:Table manner at home are as good..
89	EEAT9	Num	8	YNDK.	3.	Q39.9:If I could get into a movie..
90	EEAT10	Num	8	YNDK.	3.	Q39.10:I have given up doing something..
91	EEAT11	Num	8	YNDK.	3.	Q39.11:I like to gossip at times
92	EEAT12	Num	8	YNDK.	3.	Q39.12:I felt like rebellng against..
93	EEAT13	Num	8	YNDK.	3.	Q39.13:I m always a good listener..
94	EEAT14	Num	8	YNDK.	3.	Q39.14:Remember playing sick to get..
95	EEAT15	Num	8	YNDK.	3.	Q39.15:I took advantage of someone
96	EEAT16	Num	8	YNDK.	3.	Q39.16:Willing to admit to my mistakes..
97	EEAT17	Num	8	YNDK.	3.	Q39.17:Try to practice what I preach
98	EEAT18	Num	8	YNDK.	3.	Q39.18:Get along with obnoxious people..
99	EEAT19	Num	8	YNDK.	3.	Q39.19:Try to get even rather to forgive
100	EEAT20	Num	8	YNDK.	3.	Q39.20:When I don t know something..
101	EEAT21	Num	8	YNDK.	3.	Q39.21:I am always courteous, even to ..

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
102	EEAT22	Num	8	YNDK.	3.	Q39.22:I have really insisted having..
103	EEAT23	Num	8	YNDK.	3.	Q39.23:I felt like smashing things..
104	EEAT24	Num	8	YNDK.	3.	Q39.24:Letting someone else be punished
105	EEAT25	Num	8	YNDK.	3.	Q39.25:Never resent being asked a favor
106	EEAT26	Num	8	YNDK.	3.	Q39.26:Never irked at ideas different..
107	EEAT27	Num	8	YNDK.	3.	Q39.27:Never make long trips without..
108	EEAT28	Num	8	YNDK.	3.	Q39.28:Times when I was quite jealous..
109	EEAT29	Num	8	YNDK.	3.	Q39.29:Never felt urge to tell someone..
110	EEAT30	Num	8	YNDK.	3.	Q39.30:Irritated by people who ask favor
111	EEAT31	Num	8	YNDK.	3.	Q39.31:Never felt punished without cause
112	EEAT32	Num	8	YNDK.	3.	Q39.32:When people have a misfortune..
113	EEAT33	Num	8	YNDK.	3.	Q39.33:Never deliberately said..to hurt
114	EETRAV2	Num	8	YNDK.	3.	Q3.EE V2:Traveled >200 miles?
115	EEIV2	Num	8	YNDK.	3.	Q4.EE V2:blood tranfusion iv?
116	EEHRS2	Num	8	3.	3.	Q5.EE V2:hrs since last eat drink
117	EEHRSRF	Num	8	YNDK.	3.	Q5.EE V2:hrs since last eat drink:DK ref
118	EECUT	Num	8	YNDK.	3.	Q2.EE V2:cut down due to illness injury
119	EESMOKE	Num	8	YNDK.	3.	Q6.EE V2:smoked in past 2 hrs
120	EECOFFEE	Num	8	YNDK.	3.	Q7.EE V2:coffee caffeine past 2 hrs
121	EE6HRS	Num	8	YNDK.	3.	Q5.EE V2:<6 hrs since last eat drink
122	EERTEMP	Num	8	3.	3.	Q13.EE V2:resting EE summary room temp C
123	EEDTCV	Num	8	MMDDYY10.	DATETIME22.3	Date of Year 2 Clinic Visit
124	EEDATE2	Num	8	MMDDYY10.	DATETIME22.3	EE Visit 2 date form completed
125	EEFSNUM	Num	8	4.	4.	Q18a.How many flights walked
126	EEFSLOAD	Num	8	4.	4.	Q18a.How many flight walked with load
127	EEFS12MO	Num	8	YNDK.	3.	Q18.Walk up a flight of stairs?
128	EEFSNUMD	Num	8	YNDKSP.	4.	Q18a.How many flight walked
129	EEFSLOADDK	Num	8	YNDKSP.	4.	Q18a.How many flight walked with load:DK
130	EEEWREAS	Num	8	MREAS1X.	3.	Q19e.Main reason no walking for exercise
131	EEEWTIME	Num	8	3.	3.	Q19a.How many times walking for exercise

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
132	EEEEBLOX	Num	8	3.	3.	Q19.Blocks walked when walking for exer
133	EEEWPACE	Num	8	WALK.	3.	Q19c.Pace when walking for exercise
134	EEEWUNIT	Char	10	\$10.	\$10.	Q19i.Walking for exercise other units
135	EEEWNUMU	Num	8	4.	4.	Q19ii.Walking for exercise how many unit
136	EEEWBLUK	Num	8	YNDKSP.	4.	Q19.Blocks when walking for exer:unknown
137	EEEW12MO	Num	8	YNDK.	3.	Q19.Did go walking for exercise?
138	EEEWKNOW	Num	8	YNDK.	3.	Q19i.Walking for exercise other units
139	EEEW TMDK	Num	8	YNDKSP.	4.	Q19a.How many times walking for exer:DK
140	EEEW TDK	Num	8	YNDKSP.	4.	Q19c.Time spent walking for exercise:DK
141	EEEWUNDK	Num	8	YNDKSP.	4.	Q19ii.Walking for exercise how many unkn
142	EEOW7DNW	Num	8	MREAS1X.	3.	Q20e.Main reason for no other walking
143	EEOWTIME	Num	8	3.	3.	Q20a.How many time other walking?
144	EEOWBLOX	Num	8	3.	3.	Q20d.How many blocks other walking
145	EEOWUNIT	Char	10	\$10.	\$10.	Q20i.Units for other walking
146	EEOWNUMU	Num	8	4.	4.	Q20ii.How many units for other walking
147	EEOWBLUK	Num	8	YNDKSP.	4.	Q20d.How many blocks other walking:DK
148	EEOWDIST	Num	8	YNDK.	3.	Q20i.Other unit known for other walking?
149	EEOW TMDK	Num	8	YNDKSP.	4.	Q20a.How many time other walking:DK
150	EEOW TDK	Num	8	YNDKSP.	4.	Q20b.Time spent other walking:DK
151	EEOWPACE	Num	8	WALK.	3.	Q20c.Pace when other walking
152	EEOWUNDK	Num	8	YNDKSP.	4.	Q20ii.How many unit for other walking:DK
153	EEOW12MO	Num	8	YNDK.	3.	Q20.Do any other type of walking?
154	EEHI12MO	Num	8	YNDK.	3.	Q23.Do any high intensity exercise?
155	EEMI12MO	Num	8	YNDK.	3.	Q24.Do any moderate intensity exercise?
156	EEVWAHWR	Num	8	3.	3.	Q25a.Hours spent on work for pay
157	EEVWVACT	Num	8	ACTIV1X.	3.	Q25b.Type of activity in work for pay
158	EEVWAHVW	Num	8	3.	3.	Q26a.Hours spent on volunteer work
159	EEVWCURJ	Num	8	YNDK.	3.	Q25.Work for pay at job consult odd jobs
160	EEVWCURV	Num	8	YNDK.	3.	Q26.Do any volunteer work?
161	EEVWAHAW	Num	8	4.	4.	Q27.Hours spent on care child ill adult
162	EEVWCURA	Num	8	YNDK.	3.	Q27.Any care of child disabled ill adult
163	EEVWVACT	Num	8	ACTIV1X.	3.	Q26b.Type of activity in volunteer work

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
164	EEAEBQUO	Num	8	YNDK.	3.	Q29a.When I have eaten my quota of cal..
165	EEAEBSH	Num	8	YNDK.	3.	Q29b.I deliberately take small helpings.
166	EEAEBLIF	Num	8	YNDK.	3.	Q29c.Life is too short to worry about..
167	EEAEFCAL	Num	8	YNDK.	3.	Q29d.I have a pretty good idea of the..
168	EEAEBELS	Num	8	YNDK.	3.	Q29e.While on a diet, if I eat food..
169	EEAEBENJ	Num	8	YNDK.	3.	Q29f.I enjoy eating too much to spoil..
170	EEAEBSTP	Num	8	YNDK.	3.	Q29g.I often stop eating when I am not..
171	EEAEBHLD	Num	8	YNDK.	3.	Q29h.I consciously hold back at meals..
172	EEAEBANY	Num	8	YNDK.	3.	Q29i.I eat anything I want, any time..
173	EEAEBCNT	Num	8	YNDK.	3.	Q29j.I count calories as a conscious..
174	EEAEBFAT	Num	8	YNDK.	3.	Q29k.I do not eat some foods because..
175	EEAEBFIG	Num	8	YNDK.	3.	Q29l.I pay a great deal of attention..
176	EEEATLS	Num	8	FFQ10X.	3.	Q28.EE V2:Eat less due to weight concern
177	EEAEBDIE	Num	8	TIME10X.	3.	Q30.How often dieting to control weight
178	EEAEBFLU	Num	8	STAT14X.	3.	Q31.Would 5 lb weight flux affect life?
179	EEAEBOVR	Num	8	TIME12X.	3.	Q32.Feeling of guilt control food intake
180	EEAEBLCL	Num	8	STAT16X.	3.	Q35.Likely to shop for low cal foods
181	EEAEBSLW	Num	8	STAT16X.	3.	Q36.Likely to eat slowly to cut down
182	EEAEBCON	Num	8	STAT14X.	3.	Q33.How conscious are you of what eat
183	EEAEBSTK	Num	8	TIME11X.	3.	Q34.Frequently avoid stocking up on food
184	EEAEBLSS	Num	8	STAT16X.	3.	Q37.Likely to eat less than you want
185	EEAEBSCS	Num	8	APPET.	3.	Q38.Eating restraint:0-5:none to total
186	EEDYEL	Num	8	3.	3.	Days elapsed since Y2 Clinic Visit
187	EEACDK	Num	8	YNDKSP.	4.	Q21.Time spent on aerobics..DK
188	EETRDK	Num	8	YNDKSP.	4.	Q22.Time spent on weight training..(DK)
189	EEHIA1DK	Num	8	YNDKSP.	4.	Q23b.Time spent 1st Hi intense exer:DK

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
190	EEHIA2DK	Num	8	YNDKSP.	4.	Q23d.Time spent 2nd Hi intense exer:DK
191	EEHIA3DK	Num	8	YNDKSP.	4.	Q23f.Time spent 3rd Hi intense exer:DK
192	EEHIA4DK	Num	8	YNDKSP.	4.	Q23h.Time spent 4th Hi intense exer:DK
193	EEMIA1DK	Num	8	YNDKSP.	4.	Q24b.Time spent 1st Mod intense exer:DK
194	EEMIA2DK	Num	8	YNDKSP.	4.	Q24d.Time spent 2nd Mod intense exer:DK
195	EEMIA3DK	Num	8	YNDKSP.	4.	Q24f.Time spent 3rd Mod intense exer:DK
196	EEMIA4DK	Num	8	YNDKSP.	4.	Q24h.Time spent 4th Mod intense exer:DK
197	EEVWAHDK	Num	8	YNDKSP.	4.	Q27.Hrs spent on care child ill adult:DK
198	EEVWDK	Num	8	YNDKSP.	4.	Q25a.Hours spent on work for pay:DK
199	EEVWADK	Num	8	YNDKSP.	4.	Q26a.Hours spent on volunteer work:DK
200	EEPA12MO	Num	8	YNDK.	3.	Q14.Any gardening yardwork
201	EEHC12MO	Num	8	YNDK.	3.	Q15.Any heavy major chores
202	EEPADK	Num	8	YNDKSP.	4.	Q14.How much time gardening yardwork:DK
203	EEHCDK	Num	8	YNDKSP.	4.	Q15.How much time doing heavy chores:DK
204	EELW12MO	Num	8	YNDK.	3.	Q16.Any light work around house?
205	EELDLOAD	Num	8	3.	3.	Q17a.How many loads of laundry
206	EELDFOLD	Num	8	3.	3.	Q17b.How many loads of laundry folded
207	EELD12MO	Num	8	YNDK.	3.	Q17.Do or help with laundry
208	EELWDK	Num	8	YNDKSP.	4.	Q16.Time spent doing light work:DK
209	EELDDK	Num	8	YNDKSP.	4.	Q17a.How many loads of laundry:DK
210	EELDFODK	Num	8	YNDKSP.	4.	Q17b.How many loads of laundry folded:DK
211	EEWEIGHT	Num	8	8.1	8.1	Q1.EE V2:Weight (kgs)
212	EEEWMEAS	Num	8	WALK9XA.	6.	Q19ei. Units for distance walked
213	EEOWMEAS	Num	8	WALK9XA.	6.	Q20ei. Distance walked..not in blocks
214	FQSTFID	Char	3	\$3.	\$3.	Staff ID (Food Frequency)
215	FQBACNSZ	Num	8	SIZE3X.	3.	Food Freq: Bacon (Portion)
216	FQOATMSZ	Num	8	SIZE4X.	3.	Food Freq: Cooked cereal (Portion)
217	FQFIBRSZ	Num	8	SIZE4X.	3.	Food Freq: Fiber bran cereal (Portion)
218	FQTOTLSZ	Num	8	SIZE4X.	3.	Food Freq: Product 19 Total (Portion)
219	FQSPEKSZ	Num	8	SIZE4X.	3.	Food Freq: Corn Flakes Sp K (Portion)
220	FQCOTT	Num	8	FFQ1X.	3.	Food Freq: Cottage cheese
221	FQFAT1	Num	8	FFQ5X.	3.	Food Freq: Cheese (fat content)
222	FQFAT2	Num	8	FFQ5X.	3.	Food Freq: Yogurt (fat content)
223	FQSAUSSZ	Num	8	SIZE3X.	3.	Food Freq: Sausage (Portion)

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
224	FQPANCSZ	Num	8	SIZE3X.	3.	Food Freq: Pancakes (Portion)
225	FQCOTTSZ	Num	8	SIZE4X.	3.	Food Freq: Cottage cheese (Portion)
226	FQCHESSZ	Num	8	SIZE3X.	3.	Food Freq: Other cheese (Portion)
227	FQYOGRSZ	Num	8	SIZE4X.	3.	Food Freq: Yogurt (Portion)
228	FQEGGS	Num	8	FFQ1X.	3.	Food Freq: Eggs
229	FQBACN	Num	8	FFQ1X.	3.	Food Freq: Bacon
230	FQSAUS	Num	8	FFQ1X.	3.	Food Freq: Sausage
231	FQPANC	Num	8	FFQ1X.	3.	Food Freq: Pancakes
232	FQOATM	Num	8	FFQ1X.	3.	Food Freq: Cooked cereal
233	FQCERE	Num	8	FFQ1X.	3.	Food Freq: Cold cereal
234	FQFIBR	Num	8	FFQ1X.	3.	Food Freq: Fiber bran cereal
235	FQTOTL	Num	8	FFQ1X.	3.	Food Freq: Product 19 Total
236	FQSPEK	Num	8	FFQ1X.	3.	Food Freq: Corn Flakes Special K
237	FQCHES	Num	8	FFQ1X.	3.	Food Freq: Other cheese
238	FQBROC	Num	8	FFQ1X.	3.	Food Freq: Broccoli
239	FQFAT4	Num	8	FFQ5X.	3.	Food Freq: Salad dressing (fat content)
240	FQFRYS	Num	8	FFQ1X.	3.	Food Freq: French fries
241	FQPOTA	Num	8	FFQ1X.	3.	Food Freq: Potatoes
242	FQYAMS	Num	8	FFQ1X.	3.	Food Freq: Sweet potatoes yams
243	FQRICE	Num	8	FFQ1X.	3.	Food Freq: Rice
244	FQSTUF	Num	8	FFQ1X.	3.	Food Freq: Stuffing dressing
245	FQBEAN	Num	8	FFQ1X.	3.	Food Freq: Baked beans
246	FQCORN	Num	8	FFQ1X.	3.	Food Freq: Corn
247	FQPEAS	Num	8	FFQ1X.	3.	Food Freq: Green beans peas
248	FQMVEG	Num	8	FFQ1X.	3.	Food Freq: Carrots mixed veg
249	FQSPIN	Num	8	FFQ1X.	3.	Food Freq: Spinach
250	FQGRNS	Num	8	FFQ1X.	3.	Food Freq: Collard other greens
251	FQSLAW	Num	8	FFQ1X.	3.	Food Freq: Cole slaw
252	FQGSAL	Num	8	FFQ1X.	3.	Food Freq: Green salad
253	FQTOMA	Num	8	FFQ1X.	3.	Food Freq: Tomatoes
254	FQDRES	Num	8	FFQ1X.	3.	Food Freq: Salad dressing
255	FQFRYSSZ	Num	8	SIZE4X.	3.	Food Freq: French fries (Portion)
256	FQOTHV	Num	8	FFQ1X.	3.	Food Freq: Other vegetables
257	FQSOUF	Num	8	FFQ1X.	3.	Food Freq: Vegetable soup
258	FQOTHS	Num	8	FFQ1X.	3.	Food Freq: Other soup
259	FQDRESSZ	Num	8	SIZE4X.	3.	Food Freq: Salad dressing (Portion)
260	FQSOUFSZ	Num	8	SIZE4X.	3.	Food Freq: Vegetable soup (Portion)
261	FQOTHSSZ	Num	8	SIZE4X.	3.	Food Freq: Other soup (Portion)
262	FQSTEW	Num	8	FFQ1X.	3.	Food Freq: Chicken stew
263	FQBURG	Num	8	FFQ1X.	3.	Food Freq: Hamburger
264	FQBEEF	Num	8	FFQ1X.	3.	Food Freq: Beef
265	FQLIVR	Num	8	FFQ1X.	3.	Food Freq: Liver
266	FQPORK	Num	8	FFQ1X.	3.	Food Freq: Pork
267	FQMIXD	Num	8	FFQ1X.	3.	Food Freq: Mixed dish w meat
268	FQFRCH	Num	8	FFQ1X.	3.	Food Freq: Fried chicken
269	FQCRAB	Num	8	FFQ1X.	3.	Food Freq: Shellfish
270	FQTUNA	Num	8	FFQ1X.	3.	Food Freq: Tuna
271	FQFISH	Num	8	FFQ1X.	3.	Food Freq: Fried fish
272	FQOTHF	Num	8	FFQ1X.	3.	Food Freq: Other fish
273	FQHDOG	Num	8	FFQ1X.	3.	Food Freq: Hot dogs

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
274	FQMEAT	Num	8	FFQ1X.	3.	Food Freq: Lunch meats
275	FQFAT8	Num	8	FFQ5X.	3.	Food Freq: Lunch meat (fat content)
276	FQFISHSZ	Num	8	SIZE5X.	3.	Food Freq: Fried fish (Portion)
277	FQOTHFSZ	Num	8	SIZE5X.	3.	Food Freq: Other fish (Portion)
278	FQHDOGSZ	Num	8	SIZE3X.	3.	Food Freq: Hot dogs (Portion)
279	FQMEATSZ	Num	8	SIZE3X.	3.	Food Freq: Lunch meats (Portion)
280	FQMACA	Num	8	FFQ1X.	3.	Food Freq: Cheese dishes
281	FQPIZZ	Num	8	FFQ1X.	3.	Food Freq: Pizza
282	FQPIZZSZ	Num	8	SIZE3X.	3.	Food Freq: Pizza (Portion)
283	FQFAT5	Num	8	FFQ6X.	3.	Food Freq: Red meat with fat trimmed
284	FQPAST	Num	8	FFQ1X.	3.	Food Freq: Pasta w tomato sauce
285	FQFAT7	Num	8	FFQ7X.	3.	Food Freq: Chicken with skin
286	FQFRCHSZ	Num	8	SIZE5X.	3.	Food Freq: Fried chicken (Portion)
287	FQCHIK	Num	8	FFQ1X.	3.	Food Freq: Chicken turkey
288	FQCHIKSZ	Num	8	SIZE5X.	3.	Food Freq: Chicken turkey (Portion)
289	FQMIXDSZ	Num	8	SIZE4X.	3.	Food Freq: Mixed dish w meat (Portion)
290	FQBURGSZ	Num	8	SIZE5X.	3.	Food Freq: Hamburger (Portion)
291	FQBEEFSZ	Num	8	SIZE5X.	3.	Food Freq: Beef (Portion)
292	FQLIVRSZ	Num	8	SIZE5X.	3.	Food Freq: Liver (Portion)
293	FQPORKSZ	Num	8	SIZE5X.	3.	Food Freq: Pork (Portion)
294	FQMUFF	Num	8	FFQ2X.	3.	Food Freq: Biscuit muffin
295	FQROLL	Num	8	FFQ2X.	3.	Food Freq: Rolls buns bagels
296	FQWRD	Num	8	FFQ2X.	3.	Food Freq: White bread
297	FQDBRD	Num	8	FFQ2X.	3.	Food Freq: Dark bread
298	FQCBRD	Num	8	FFQ2X.	3.	Food Freq: Corn bread
299	FQMARG	Num	8	FFQ2X.	3.	Food Freq: Butter margarine
300	FQMAYO	Num	8	FFQ2X.	3.	Food Freq: Mayonnaise
301	FQPNUT	Num	8	FFQ2X.	3.	Food Freq: Peanut butter
302	FQKTCH	Num	8	FFQ2X.	3.	Food Freq: Ketchup salsa
303	FQSNCK	Num	8	FFQ2X.	3.	Food Freq: Snacks
304	FQNUTS	Num	8	FFQ2X.	3.	Food Freq: Nuts seeds
305	FQCRCK	Num	8	FFQ2X.	3.	Food Freq: Crackers
306	FQGRAV	Num	8	FFQ2X.	3.	Food Freq: Gravy
307	FQKTCHSZ	Num	8	SIZE3X.	3.	Food Freq: Ketchup salsa (Portion)
308	FQPNUTSZ	Num	8	SIZE3X.	3.	Food Freq: Peanut butter (Portion)
309	FQMAYOSZ	Num	8	SIZE3X.	3.	Food Freq: Mayonnaise (Portion)
310	FQMARGSZ	Num	8	SIZE3X.	3.	Food Freq: Butter margarine (Portion)
311	FQDBRDSZ	Num	8	SIZE3X.	3.	Food Freq: Dark bread (Portion)
312	FQWRBDSZ	Num	8	SIZE3X.	3.	Food Freq: White bread (Portion)
313	FQROLLSZ	Num	8	SIZE3X.	3.	Food Freq: Rolls buns bagels (Portion)
314	FQDONU	Num	8	FFQ2X.	3.	Food Freq: Donuts danish
315	FQCAKE	Num	8	FFQ2X.	3.	Food Freq: Cake
316	FQCOOK	Num	8	FFQ2X.	3.	Food Freq: Cookies
317	FQICEC	Num	8	FFQ2X.	3.	Food Freq: Ice Cream
318	FQPIES	Num	8	FFQ2X.	3.	Food Freq: Pumpkin pie
319	FQOTHP	Num	8	FFQ2X.	3.	Food Freq: Other pie
320	FQPUDD	Num	8	FFQ2X.	3.	Food Freq: Pudding

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
321	FQCHOC	Num	8	FFQ2X.	3.	Food Freq: Chocolate candy
322	FQFAT9	Num	8	FFQ5X.	3.	Food Freq: Cake (fat content)
323	FQFAT10	Num	8	FFQ5X.	3.	Food Freq: Cookies (fat content)
324	FQFAT11	Num	8	FFQ5X.	3.	Food Freq: Ice Cream (fat content)
325	FQOJ	Num	8	FFQ3X.	3.	Food Freq: Orange juice
326	FQHIC	Num	8	FFQ3X.	3.	Food Freq: Hi-C
327	FQV8	Num	8	FFQ3X.	3.	Food Freq: Tomato juice V8
328	FQFRUT	Num	8	FFQ3X.	3.	Food Freq: Other fruit juice
329	FQMLK2	Num	8	FFQ3X.	3.	Food Freq: Milk cocoa
330	FQSOFT	Num	8	FFQ3X.	3.	Food Freq: Soft drinks
331	FQBEER	Num	8	FFQ3X.	3.	Food Freq: Beer
332	FQWINE	Num	8	FFQ3X.	3.	Food Freq: Wine
333	FQCOFF	Num	8	FFQ3X.	3.	Food Freq: Coffee
334	FQTEA	Num	8	FFQ3X.	3.	Food Freq: Tea ice tea
335	FQSHOT	Num	8	FFQ3X.	3.	Food Freq: Shots of liquor
336	FQOJC	Num	8	FFQ5X.	3.	Food Freq: Calc-fortified orange juice
337	FQMILK3	Num	8	FFQ8X.	3.	Food Freq: Type of milk
338	FQSOFTSZ	Num	8	SIZE6X.	3.	Food Freq: Soft drinks (Portion)
339	FQBEERSZ	Num	8	SIZE6X.	3.	Food Freq: Beer (Portion)
340	FQCOFFSZ	Num	8	SIZE4X.	3.	Food Freq: Coffee (Portion)
341	FQTEASZ	Num	8	SIZE4X.	3.	Food Freq: Tea ice tea (Portion)
342	FQCRMSZ	Num	8	SIZE3X.	3.	Food Freq: Cream w coffee,tea (Portion)
343	FQMLK4SZ	Num	8	SIZE3X.	3.	Food Freq: Milk w coffee,tea (Portion)
344	FQSUGRSZ	Num	8	SIZE3X.	3.	Food Freq: Sugar w coffee,tea (Portion)
345	FQSUPL	Num	8	FFQ3X.	3.	Food Freq: Instant breakfast
346	FQCRM	Num	8	FFQ3X.	3.	Food Freq: Cream w coffee,tea
347	FQMLK4	Num	8	FFQ3X.	3.	Food Freq: Milk w coffee,tea
348	FQSUGR	Num	8	FFQ3X.	3.	Food Freq: Sugar w coffee,tea
349	FQPOTASZ	Num	8	SIZE4X.	3.	Food Freq: Potatoes (Portion)
350	FQYAMSSZ	Num	8	SIZE4X.	3.	Food Freq: Sweet potatoes yams (Portion)
351	FQRICESZ	Num	8	SIZE4X.	3.	Food Freq: Rice (Portion)
352	FQSTUFSZ	Num	8	SIZE4X.	3.	Food Freq: Stuffing dressing (Portion)
353	FQBEANSZ	Num	8	SIZE4X.	3.	Food Freq: Baked beans (Portion)
354	FQCORNSZ	Num	8	SIZE4X.	3.	Food Freq: Corn (Portion)
355	FQPEASSZ	Num	8	SIZE4X.	3.	Food Freq: Green beans peas (Portion)
356	FQBROCSZ	Num	8	SIZE4X.	3.	Food Freq: Broccoli (Portion)
357	FQMVEGSZ	Num	8	SIZE4X.	3.	Food Freq: Carrots mixed veg (Portion)
358	FQSPINSZ	Num	8	SIZE4X.	3.	Food Freq: Spinach (Portion)
359	FQGRNSSZ	Num	8	SIZE4X.	3.	Food Freq: Collard other greens (Portion)
360	FQSLAWSZ	Num	8	SIZE4X.	3.	Food Freq: Cole slaw (Portion)
361	FQGSALSZ	Num	8	SIZE4X.	3.	Food Freq: Green salad (Portion)
362	FQTOMASZ	Num	8	SIZE4X.	3.	Food Freq: Tomatoes (Portion)

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
363	FQOTHVSZ	Num	8	SIZE4X.	3.	Food Freq: Other vegetables (Portion)
364	FQPASTSZ	Num	8	SIZE4X.	3.	Food Freq: Pasta w tomato sauce(Portion)
365	FQMACASZ	Num	8	SIZE4X.	3.	Food Freq: Cheese dishes (Portion)
366	FQSTEWSSZ	Num	8	SIZE4X.	3.	Food Freq: Chicken stew (Portion)
367	FQCRABSZ	Num	8	SIZE4X.	3.	Food Freq: Shellfish (Portion)
368	FQTUNASZ	Num	8	SIZE4X.	3.	Food Freq: Tuna (Portion)
369	FQGRAVSZ	Num	8	SIZE3X.	3.	Food Freq: Gravy (Portion)
370	FQSNCKSZ	Num	8	SIZE4X.	3.	Food Freq: Snacks (Portion)
371	FQNUTSSZ	Num	8	SIZE4X.	3.	Food Freq: Nuts seeds (Portion)
372	FQCRCKSZ	Num	8	SIZE4X.	3.	Food Freq: Crackers (Portion)
373	FQCBRDSZ	Num	8	SIZE4X.	3.	Food Freq: Corn bread (Portion)
374	FQMUFFSZ	Num	8	SIZE4X.	3.	Food Freq: Biscuit muffin (Portion)
375	FQDONUSZ	Num	8	SIZE4X.	3.	Food Freq: Donuts danish (Portion)
376	FQCAKESZ	Num	8	SIZE4X.	3.	Food Freq: Cake (Portion)
377	FQCOOKSZ	Num	8	SIZE4X.	3.	Food Freq: Cookies (Portion)
378	FQICECSZ	Num	8	SIZE4X.	3.	Food Freq: Ice Cream (Portion)
379	FQPIESSZ	Num	8	SIZE4X.	3.	Food Freq: Pumpkin pie (Portion)
380	FQOTHPSZ	Num	8	SIZE4X.	3.	Food Freq: Other pie (Portion)
381	FQPUDDSZ	Num	8	SIZE4X.	3.	Food Freq: Pudding (Portion)
382	FQCHOCSZ	Num	8	SIZE4X.	3.	Food Freq: Chocolate candy (Portion)
383	FQOJSZ	Num	8	SIZE4X.	3.	Food Freq: Orange juice (Portion)
384	FQHICSZ	Num	8	SIZE4X.	3.	Food Freq: Hi-C (Portion)
385	FQV8SZ	Num	8	SIZE4X.	3.	Food Freq: Tomato juice V8 (Portion)
386	FQFRUTSZ	Num	8	SIZE4X.	3.	Food Freq: Other fruit juice (Portion)
387	FQMLK2SZ	Num	8	SIZE4X.	3.	Food Freq: Milk cocoa (Portion)
388	FQWINESZ	Num	8	SIZE4X.	3.	Food Freq: Wine (Portion)
389	FQMILK	Num	8	FFQ1X.	3.	Food Freq: Milk on cereal
390	FQYOGR	Num	8	FFQ1X.	3.	Food Freq: Yogurt
391	FQFAT13	Num	8	FFQ4X.	3.	Food Freq: Fat to cook season food
392	FQVEG	Num	8	FFQ4X.	3.	Food Freq: Vegetable servings
393	FQFRUIT	Num	8	FFQ4X.	3.	Food Freq: Fruit servings
394	FQMARGST	Num	8	YNDKSP.	4.	Food Freq: Stick margarine
395	FQBUTTER	Num	8	YNDKSP.	4.	Food Freq: Butter
396	FQMARGTB	Num	8	YNDKSP.	4.	Food Freq: Soft tub margarine
397	FQOLVOIL	Num	8	YNDKSP.	4.	Food Freq: Olive Canola oil
398	FQLARD	Num	8	YNDKSP.	4.	Food Freq: Lard
399	FQLOWFAT	Num	8	YNDKSP.	4.	Food Freq: Low fat margarine
400	FQVEGOIL	Num	8	YNDKSP.	4.	Food Freq: Corn Vegetable oil
401	FQCRISCO	Num	8	YNDKSP.	4.	Food Freq: Crisco shortening
402	FQDK	Num	8	YNDKSP.	4.	Food Freq: Oil use - Don t know
403	FQBLEND	Num	8	YNDKSP.	4.	Food Freq: Butter margarine blend
404	FQPAM	Num	8	YNDKSP.	4.	Food Freq: PAM
405	FQAPASZ	Num	8	SIZE4X.	3.	Food Freq: Applesauce (Portion)
406	FQCNPCHSZ	Num	8	SIZE4X.	3.	Food Freq: Canned peaches (Portion)
407	FQOTHSZ	Num	8	SIZE4X.	3.	Food Freq: Other fruit (Portion)
408	FQBANA	Num	8	FFQ1X.	3.	Food Freq: Bananas

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
409	FQAPPL	Num	8	FFQ1X.	3.	Food Freq: Apples Pears
410	FQORAN	Num	8	FFQ1X.	3.	Food Freq: Oranges Tangerines
411	FQGFRU	Num	8	FFQ1X.	3.	Food Freq: Grapefruit
412	FQCANT	Num	8	FFQ1X.	3.	Food Freq: Canteloupe
413	FQPEAC	Num	8	FFQ1X.	3.	Food Freq: Peaches apricots
414	FQAPA	Num	8	FFQ1X.	3.	Food Freq: Applesauce
415	FQCNPC	Num	8	FFQ1X.	3.	Food Freq: Canned peaches
416	FQOTH	Num	8	FFQ1X.	3.	Food Freq: Other fruit
417	FQCANTSZ	Num	8	SIZE2X.	3.	Food Freq: Canteloupe (Portion)
418	FQPEACSZ	Num	8	SIZE1X.	3.	Food Freq: Peaches Apricots (Portion)
419	FQBANASZ	Num	8	SIZE1X.	3.	Food Freq: Bananas (portion)
420	FQAPPLSZ	Num	8	SIZE1X.	3.	Food Freq: Apples Pears (Portion)
421	FQORANSZ	Num	8	SIZE1X.	3.	Food Freq: Oranges Tangerines (Portion)
422	FQGFRUSZ	Num	8	SIZE1X.	3.	Food Freq: Grapefruit (Portion)
423	FQEGGSSZ	Num	8	SIZE3X.	3.	Food Freq: Eggs (Portion)
424	FQFAT3	Num	8	FFQ6X.	3.	Food Freq: Potatoes without butter
425	FQFAT6	Num	8	FFQ7X.	3.	Food Freq: Beef pork fat
426	FQWBUTTR	Num	8	FFQ6X.	3.	Food Freq: Bread,rolls, butter,margarine
427	FQSPRAY	Num	8	FFQ6X.	3.	Food Freq: PAM non-stick spray
428	FQFAT12	Num	8	FFQ6X.	3.	Food Freq: Butter marg w veg
429	FQFRIED	Num	8	FFQ6X.	3.	Food Freq: Fried vegetables
430	FQDATE	Num	8	MMDDYY10.	DATETIME22.3	Date
431	FQRELY	Num	8	FFQ9X.	3.	Food Freq: How reliable
432	FFQCALS	Num	8			Calories (Kcal)
433	FFQPROT	Num	8			Protein (g)
434	FFQTFAT	Num	8			Total Fat (g)
435	FFQCARB	Num	8			Carbohydrate (g)
436	FFQCALC	Num	8			Calcium (mg)
437	FFQPHOS	Num	8			Phosphorus (mg)
438	FFQIRON	Num	8			Iron (mg)
439	FFQSOD	Num	8			Sodium (mg)
440	FFQPOT	Num	8			Potassium (mg)
441	FFQVITA1	Num	8			Vitamin A (IU)
442	FFQVITA2	Num	8			Vitamin A (RE)
443	FFQTHIA	Num	8			Thiamine (B1) (mg)
444	FFQRIBO	Num	8			Riboflavin (B2) (mg)
445	FFQNIAC	Num	8			Niacin (mg)
446	FFQVITC	Num	8			Vitamin C (mg)
447	FFQSFAT	Num	8			Saturated Fat (g)
448	FFQOLEA	Num	8			Oleic Acid (g)
449	FFQLINA	Num	8			Linoleic Acid (g)
450	FFQCHOL	Num	8			Cholesterol (mg)
451	FFQFIBR	Num	8			Total Dietary Fiber (g)
452	FFQFOL	Num	8			Folate (mg)
453	FFQVITE	Num	8			Vitamin E a-TE
454	FFQZINC1	Num	8			Zinc (mg)
455	FFQZINC2	Num	8			Zinc from animal sources (mg)
456	FFQVITB6	Num	8			Vitamin B6 (mg)

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
457	FFQMAGN	Num	8			Magnesium (mg)
458	FFQACARO	Num	8			Alpha-Carotene (ug)
459	FFQBCARO	Num	8			Beta-Carotene (ug)
460	FFQCRYP	Num	8			Cryptoxanthin (carotenoid) (ug)
461	FFQLUT	Num	8			Lutein (carotenoid) (ug)
462	FFQLYCO	Num	8			Lycopene (carotenoid) (ug)
463	FFQRETN	Num	8			Retinol (preformed Vit A, ug)
464	FFQCARO	Num	8			Carotene Provitamin A carotenoids (ug)
465	FFQGENI	Num	8			Genistein (ug)
466	FFQDAID	Num	8			Daidzein (ug)
467	FFQVITD	Num	8			Vitamin D (IU)
468	FFQGSF	Num	8			Grams of Solid Food (g)
469	FFQPFAT	Num	8			% of Kcal from fat
470	FFQPPRO	Num	8			% of Kcal from protein
471	FFQPCRB	Num	8			% of Kcal from carbohydrate
472	FFQPSWT	Num	8			% of Kcal from sweets and dessert
473	FFQPALCH	Num	8			% of Kcal from alcoholic beverages
474	FFQBPFAT	Num	8			% fat calcs, alcoholic beverages excluded
475	FFQBPPRO	Num	8			% protein calcs, alcoholic beverages excl
476	FFQBPCRB	Num	8			% carb calcs, alcoholic beverages excl
477	FFQFBEAN	Num	8			Dietary fiber from beans (g)
478	FFQFVEG	Num	8			Dietary fiber from veg and fruit (g)
479	FFQFGRN	Num	8			Dietary fiber from grains (g)
480	FFQVEGS	Num	8	11.	11.	Daily servings of vegetables
481	FFQFRTS	Num	8	11.	11.	Daily freq of fruits, fruit juices
482	FFQGRNS	Num	8	11.	11.	Daily servings of grain
483	FFQMEAS	Num	8	11.	11.	Daily servings of meat/protein
484	FFQDRYS	Num	8	11.	11.	Daily servings of milk,yogurt,cheese
485	FFQFATS	Num	8	11.	11.	Daily freq of fats,oils,sweets,sodas
486	FFQSTFID	Char	4	\$4.	\$4.	Staff ID
487	FFQCCER	Num	8	11.	11.	Freq of any kind of cold cereal
488	FFQPOTT	Num	8	11.	11.	How often potatoes w/o toppings
489	FFQTRIM	Num	8	11.	11.	How often trim fat on red meats
490	FFQEFAT	Num	8	FFQ7X.	11.	How often eat fat on beef; pork
491	FFQESKN	Num	8	FFQ7X.	11.	How often eat skin on chicken
492	FFQGVEG	Num	8	11.	11.	#servings of veg per day,week
493	FFQFATVG	Num	8	11.	11.	How often fats added to veg
494	FFQFRYVG	Num	8	11.	11.	How often veg fried
495	FFQGFRT	Num	8	11.	11.	#servings of fruit per day,week
496	FFQFQFAT	Num	8	11.	11.	How often use fat/oil in cooking
497	FFQPAM	Num	8	11.	11.	How often is Pam used instead of fat
498	FFQBUTR	Num	8	11.	11.	How often bread with butter/margarine

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
499	FFQMILK	Num	8	11.	11.	Type of mik consumed
500	FFQRELY	Char	3	\$3.	\$3.	How reliable are ppt responses
501	FFQOUTBP	Char	3	\$OUTLIER.	\$3.	Outlier on calcs before portion size adj
502	FFQOUTAP	Char	3	\$OUTLIER.	\$3.	Outlier on calcs after portion size adj
503	FFQNSKIP	Num	8	11.	11.	Number of food items skipped
504	FFQNNOS	Num	8	11.	11.	# food items w/serv size omitted
505	FFQNFDS	Num	8			Number of solid foods consumed per day
506	FFQPSM	Num	8			% foods marked as small portion
507	FFQPMED	Num	8			% foods marked as medium portion
508	FFQPLRG	Num	8			% foods marked as large portion
509	FFQPXLS	Num	8			% foods marked as x-large portion
510	FFQNONCE	Num	8	11.	11.	# foods marked as <once per> any unit
511	FFQPCOL1	Num	8			% foods marked <never/less than 1/month>
512	FFQPCOL9	Num	8			% foods marked as <twice per day>
513	FFQN2HIF	Num	8	11.	11.	Number of foods with too high freq
514	FFQN2HIG	Num	8	11.	11.	# food groups w/too high total freq
515	FFQFIXYN	Num	8	11.	11.	Was a fix applied to this record
516	FFQNFIX	Num	8	11.	11.	How many items were fixed
517	FFQNWARN	Num	8	11.	11.	# warnings applied
518	FFQNERR	Num	8	11.	11.	# serious errors applied
519	FFQDATE	Num	8	MMDDYY10.	DATETIME22.3	Date Food Frequency Administered
520	FFQTOTPR	Num	8			Total dietary protein (gm)
521	FFQVEGPR	Num	8			Total protein from vegetable sources (gm)
522	FFQANMPR	Num	8			Total protein from animal sources (gm)
523	YEAR	Num	8			Year of EE Visit
524	EEELIG	Num	8	YNDK.	6.	Q4.Ppt eligible for EE substudy?
525	EEHRS	Num	8	6.	6.	Q5. Hours Since Partic. Ate or Drank
526	FQEERE	Num	8	FFQ1X.	6.	FFQ How often eat/any cold cereal
527	FQRIEE	Num	8	FFQ1X.	6.	FFQ How often eat/rice, dishes w/ rice
528	FQRIEESZ	Num	8	SIZE4X.	6.	FFQ Portion size/rice
529	FQEERD	Num	8	FFQ2X.	6.	FFQ How often eat/cornbread...hushpuppies
530	FQEERDSZ	Num	8	SIZE4X.	6.	FFQ Portion size/corn bread...hush puppies
531	FQIEEC	Num	8	FFQ2X.	6.	FFQ How often eat/ice cream, ice milk...
532	FQIEECSZ	Num	8	SIZE4X.	6.	FFQ Portion size/ice cream, ice milk...
533	FQY2STID	Char	3	\$3.	\$3.	Staff ID# of year 2 FFQ examiner
534	EETIMB24	Num	8	TIME5.		CV: Baseline urine specimen time (24 hr time)

## The CONTENTS Procedure

## Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
535	EETM1124	Num	8	TIME5.		CV: 1st Post-dose urine time (24 hr time)
536	EETM2124	Num	8	TIME5.		CV: 2nd Post-dose urine time (24 hr time)
537	EETM1224	Num	8	TIME5.		CV: 1st Post-dose urine time (24 hr time)
538	EETM2224	Num	8	TIME5.		CV: 2nd Post-dose urine time (24 hr time)
539	EETM3124	Num	8	TIME5.		CV: 3rd Post-dose urine time (24 hr time)
540	EETIMS24	Num	8	TIME5.		CV: Post-dose serum time (24 hr time)
541	EETM24SU	Num	8	TIME5.		CV: Sustical time (24 hr time)
542	EETM24O1	Num	8	TIME5.		CV: Other fluids 1 (24 hr time)
543	EETM24O2	Num	8	TIME5.		CV: Other fluids 2 (24 hr time)
544	EETM24O3	Num	8	TIME5.		CV: Other fluids 3 (24 hr time)
545	EEPATIME	Num	8			CV: Time spent on physical activity (in min)
546	EEHCTIME	Num	8			CV: Time spent on heavy chores (in mins)
547	EELWTIME	Num	8			CV: Time spent on light work (in mins)
548	EEEWTIM	Num	8			CV: Time spent walking for exercise (in mins)
549	EEOWTIM	Num	8			CV: Time spent other walking (in mins)
550	EEACTIME	Num	8			CV: Time spent on aerobics.. (in mins)
551	EETRTIME	Num	8			CV: Time spent on weight training (in mins)
552	EEHIA1TM	Num	8			CV: Time spent hi intensity 1 (in mins)
553	EEHIA2TM	Num	8			CV: Time spent hi intensity 2 (in mins)
554	EEHIA3TM	Num	8			CV: Time spent hi intensity 3 (in mins)
555	EEHIA4TM	Num	8			CV: Time spent hi intensity 4 (in mins)
556	EEMIA1TM	Num	8			CV: Time spent med intensity 1 (in mins)
557	EEMIA2TM	Num	8			CV: Time spent med intensity 2 (in mins)
558	EEMIA3TM	Num	8			CV: Time spent med intensity 3 (in mins)
559	EEMIA4TM	Num	8			CV: Time spent med intensity 4 (in mins)
560	AE_SCORE	Num	8			Appetite & Eating Restraint Score
561	MCSD	Num	8			Marlowe-Crowne Social Desirability Score
562	RACE	Num	8	RACE.	11.	Race
563	GENDER	Num	8	GENDER.	11.	Gender

The CONTENTS Procedure

Variables in Creation Order

#	Variable	Type	Len	Format	Informat	Label
564	VERSION	Num	8	8.3		Data Analysis File Version #