

WHI Nutritional Biomarkers Study (NBS)
 Data file with biomarker and visit variables for use in calibration studies
 Data file contents and means/SD (updated 10/12/2017)

The CONTENTS Procedure

Data Set Name	NBS_INV	Observations	544
Member Type	DATA	Variables	29
Engine	V9	Indexes	0
Created	10/12/2017 16:12:37	Observation Length	232

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat	Label
27	agev1	Num	8			Age at NBS visit 1 (estimated)
25	alcswk	Num	8	BEST12.	BEST32.	Alcohol servings per week at NBS visit 1 from Form 35 Personal Habits Update
4	bioenergy_TEE	Num	8	BEST12.	BEST32.	Doubly labeled water total energy expenditure (TEE), kcal
22	biopotassium	Num	8			Urinary Potassium Biomarker Estimate, mg/day
24	bioprotein	Num	8			Urinary Protein Biomarker Estimate, g/day
28	bioprpt	Num	8			Biomarker daily %energy from protein estimate
23	biosodium	Num	8			Urinary Sodium Biomarker Estimate, mg/day
5	black	Num	8	BEST12.	BEST32.	Black race/ethnicity (reference=White)
3	bmi	Num	8	BEST12.	BEST32.	BMI at NBS visit 1
17	cigsday	Num	8	CIGSDAY.		How many cigarettes per day at NBS visit 1 from Form 35 Personal Habits Update
9	educcoll	Num	8	BEST12.	BEST32.	College degree or more (reference=Some college)
8	educlehs	Num	8	BEST12.	BEST32.	High school/GED or less (reference=Some college)
18	ffqenergy	Num	8	BEST12.	BEST32.	FFQ Daily total energy intake at NBS visit 1, kcal
20	ffqpotassium	Num	8	BEST12.	BEST32.	FFQ Daily potassium intake at NBS visit 1, mg
19	ffqprotein	Num	8	BEST12.	BEST32.	FFQ Daily protein intake at NBS visit 1, g
29	ffqprpt	Num	8			FFQ Daily %energy from protein at NBS visit 1
21	ffqsodium	Num	8	BEST12.	BEST32.	FFQ Daily sodium intake at NBS visit 1, mg
16	height	Num	8	BEST12.	BEST32.	Height(cm) at NBS visit 1
6	hispanic	Num	8	BEST12.	BEST32.	Hispanic race/ethnicity (reference=White)
14	id	Num	8	BEST12.	BEST32.	WHI Participant ID
11	inc20to35	Num	8	BEST12.	BEST32.	Income \$20-<\$35K (reference=\$35-<\$50K)
12	inc50to75	Num	8	BEST12.	BEST32.	Income \$50-<\$75K (reference=\$35-<\$50K)
13	incge75	Num	8	BEST12.	BEST32.	Income = \$75K (reference=\$35-<\$50K)
10	incl20	Num	8	BEST12.	BEST32.	Income < \$20K (reference=\$35-<\$50K)
26	nbsv1dy	Num	8			Days from WHI enrollment to NBS visit 1
7	othrace	Num	8	BEST12.	BEST32.	Other race/ethnicity (reference=White)
1	smknow	Num	8	BEST12.	BEST32.	Current smoker at NBS visit 1 from Form 35 Personal Habits Update
2	texpwk	Num	8	BEST12.	BEST32.	Physical activity (metabolic equiv/week) at NBS visit 1 from Form 35 Personal Habits Update
15	weight	Num	8	BEST12.	BEST32.	Weight(kg) at NBS visit 1

The MEANS Procedure

Variable	Label	N	Mean	Std Dev
Minimum	Maximum			
smknow	Current smoker at NBS visit 1 from Form 35 Personal Habits Update	543	0.0349908	0.1839259
0	1.0000000			
texpwk	Physical activity (metabolic equiv/week) at NBS visit 1 from Form 35 Personal Habits Update	544	13.8511796	13.8850907
0	106.8333300			
bmi	BMI at NBS visit 1	544	28.2284813	5.5469903
18.2793809	48.1340677			

bioenergy_TEE	Doubly labeled water total energy expenditure (TEE), kcal	507	2071.91	311.8479659
1060.00	3257.00			
black	Black race/ethnicity (reference=White)	544	0.1084559	0.3112415
0	1.0000000			
hispanic	Hispanic race/ethnicity (reference=White)	544	0.0477941	0.2135267
0	1.0000000			
othrace	Other race/ethnicity (reference=White)	544	0.0202206	0.1408836
0	1.0000000			
educlehs	High school/GED or less (reference=Some college)	542	0.1881919	0.3912264
0	1.0000000			
educcoll	College degree or more (reference=Some college)	542	0.4298893	0.4955174
0	1.0000000			
inclt20	Income < \$20K (reference=\$35-<\$50K)	517	0.1160542	0.3206001
0	1.0000000			
inc20to35	Income \$20-<\$35K (reference=\$35-<\$50K)	517	0.2572534	0.4375436
0	1.0000000			
inc50to75	Income \$50-<\$75K (reference=\$35-<\$50K)	517	0.2069632	0.4055213
0	1.0000000			
incge75	Income = \$75K (reference=\$35-<\$50K)	517	0.1818182	0.3860682
0	1.0000000			
id	WHI Participant ID	544	200267.67	56642.09
100172.00	299776.00			
weight	Weight(kg) at NBS visit 1	544	73.1895221	14.9517364
44.2000000	137.0000000			
height	Height(cm) at NBS visit 1	544	161.0330882	6.2940769
143.9000000	183.2000000			
cigsday	How many cigarettes per day at NBS visit 1 from Form 35 Personal Habits Update	18	2.9444444	0.8023658
1.0000000	4.0000000			
ffqenergy	FFQ Daily total energy intake at NBS visit 1, kcal	544	1545.25	594.1499187
330.7713200	7569.52			
ffqprotein	FFQ Daily protein intake at NBS visit 1, g	544	67.8577037	29.2462765
8.1337600	420.8823400			
ffqpotassium	FFQ Daily potassium intake at NBS visit 1, mg	544	2670.85	973.9075716
210.4217200	11103.82			
ffqsodium	FFQ Daily sodium intake at NBS visit 1, mg	544	2586.03	1181.43
439.6170300	17814.01			
biopotassium	Urinary Potassium Biomarker Estimate, mg/day	544	2450.83	823.4427943
290.1600000	5528.64			
biosodium	Urinary Sodium Biomarker Estimate, mg/day	542	3026.79	1166.50
792.3500000	8289.20			
bioprotein	Urinary Protein Biomarker Estimate, g/day	538	74.9858013	21.1676287
16.4351852	156.2500000			
alcswk	Alcohol servings per week at NBS visit 1 from Form 35 Personal Habits Update	544	2.3502374	4.8576805
0	69.7500000			
nbsv1dy	Days from WHI enrollment to NBS visit 1	544	3072.04	371.8082885
2219.00	3843.00			
agev1	Age at NBS visit 1 (estimated)	544	69.7169118	6.3420611
58.0000000	88.0000000			
bioprprct	Biomarker daily %energy from protein estimate	502	14.5855520	4.0533423
3.0960452	34.1849057			
ffqprprct	FFQ Daily %energy from protein at NBS visit 1	544	17.6514101	3.4293478
4.7087027	30.0512029			