

Appendix table 1—Estimated variance-covariance matrices for error components

	Meats	Fruits	Vegetables	Grains	Dairy	Added sugars	Total fats
Individual error component:							
Meats	5.196*	0.130	1.263*	1.999*	0.329*	0.444*	4.196*
Fruits	.130	1.768*	.130*	.224*	.069*	.098*	.254*
Vegetables	1.263*	.130*	2.973*	1.083*	.175*	.262*	2.311*
Grains	1.999*	.224*	1.083*	6.746*	.686*	.875*	4.477*
Dairy	.329*	.069*	.175*	.686*	.928*	.157*	1.268*
Added sugars	.444*	.098*	.262*	.875*	.157*	1.250*	1.115*
Total fats	4.196*	.254*	2.311*	4.477*	1.268*	1.115*	8.098*
Household error component:							
Meats	2.218*	.079	.232*	.216	-.087	.128	1.097*
Fruits	.079	.769*	.246*	.069	.075*	-.062	.010
Vegetables	.232*	.246*	1.153*	.321*	.052	.127*	.585*
Grains	.216	.069	.321*	2.783*	.227*	.515*	1.559*
Dairy	-.087	.075*	.052	.227*	.356*	.062*	.341*
Added sugars	.128	-.062	.127*	.515*	.062*	.507*	.625*
Total fats	1.097*	.010	.585*	1.559*	.341*	.625*	2.748*

Notes: Asterisks denote significance: * = 5-percent level, two-tailed test. The test statistic is the absolute value of the variance-covariance in appendix table 1, divided by the corresponding estimated standard error in appendix table 2.

Data source: Continuing Survey of Food Intakes by Individuals, 1994-96.

Appendix table 2 -- Standard errors of estimated variance-covariance matrices for error components

	Meats	Fruits	Vegetables	Grains	Dairy	Added sugars	Total fats
Individual error component:							
Meats	0.169	0.071	0.095	0.142	0.051	0.059	0.176
Fruits	.071	.059	.054	.080	.030	.034	.088
Vegetables	.095	.054	.098	.105	.039	.045	.124
Grains	.142	.080	.105	.217	.059	.069	.197
Dairy	.051	.030	.039	.059	.030	.025	.069
Added sugars	.059	.034	.045	.069	.025	.040	.077
Total fats	.176	.088	.124	.197	.069	.077	.262
Household error component:							
Meats	.191	.081	.104	.156	.056	.066	.185
Fruits	.081	.069	.062	.091	.034	.039	.097
Vegetables	.104	.062	.109	.116	.043	.050	.131
Grains	.156	.091	.116	.240	.065	.078	.211
Dairy	.056	.034	.043	.065	.033	.027	.073
Added sugars	.066	.039	.050	.078	.027	.044	.086
Total fats	.185	.097	.131	.211	.073	.086	.275

Data source: Continuing Survey of Food Intakes by Individuals, 1994-96.