

# Appendix E

## Standard Errors for Selected Exhibits in Chapter 4

### Exhibit E.1

#### Standard Errors for Estimates of Average Food Energy and Nutrients Consumed in CACFP Care and Over 24 Hours in Exhibit 4.2<sup>a</sup>

	Family Child Care Homes		Head Start Centers		Child Care Centers	
	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP
Food energy (1989 REA)						
1-2 years	6.69	4.45	--	--	4.36	4.62
3-5 years	3.59	2.78	2.37	1.90	4.37	4.30
6-10 years	3.46	2.38	--	--	7.46	4.98
Protein (1989 RDA)						
1-2 years	31.22	16.67	--	--	15.17	14.55
3-5 years	15.38	10.79	10.31	6.91	19.66	14.19
6-10 years	11.33	9.40	--	--	26.48	18.28
Vitamin A (1989 RDA)						
1-2 years	18.39	13.16	--	--	15.14	10.57
3-5 years	14.06	10.12	15.58	15.91	16.22	13.79
6-10 years	25.26	7.33	--	--	13.93	6.33
Vitamin C (2000 RDA)						
1-2 years	53.98	21.56	--	--	68.01	38.96
3-5 years	30.15	18.71	26.78	13.41	30.09	20.99
6-10 years	29.61	15.70	--	--	69.13	32.67
Calcium (1997 AI)						
1-2 years	14.64	14.67	--	--	8.28	9.03
3-5 years	9.74	6.17	4.50	4.45	8.51	8.62
6-10 years	7.76	4.61	--	--	21.53	12.71
Calcium (1989 RDA)						
1-2 years	9.15	9.17	--	--	5.17	5.64
3-5 years	6.19	5.89	4.02	3.78	5.45	6.94
6-10 years	6.99	5.03	--	--	15.40	12.11
Iron (2001 RDA)						
1-2 years	15.33	8.87	--	--	4.58	5.53
3-5 years	13.14	4.32	4.49	3.41	8.47	5.19
6-10 years	9.11	4.94	--	--	7.38	4.50

**Exhibit E.1**
**Standard Errors for Estimates of Average Food Energy and Nutrients Consumed in CACFP Care and Over 24 Hours in Exhibit 4.2<sup>a</sup>**

	Family Child Care Homes		Head Start Centers		Child Care Centers	
	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP
Zinc (2001 RDA)						
1-2 years	21.56	11.61	--	--	8.41	11.20
3-5 years	11.96	7.05	9.82	4.52	14.73	10.31
6-10 years	12.91	5.74	--	--	20.81	12.17
Number of child days						
1-2 years	128	128	--	--	73	73
3-5 years	161	161	574	574	352	352
6-10 years	59	59	--	--	41	41

a All values are expressed as a percent of age-weighted RDAs. Calcium is also presented as a percent of the DRI-based AI value.

**Exhibit E.2**
**Standard Errors for Estimates of Average Intake of Selected Macronutrients Consumed in CACFP Care and Over 24 Hours in Exhibit 4.3**

	Daily Recommendation (% food energy)	Family Child Care Homes		Head Start Centers		Child Care Centers	
		% Total Food Energy in 24 Hours	% Total Food Energy from CACFP	% Total Food Energy in 24 Hours	% Total Food Energy from CACFP	% Total Food Energy in 24 Hours	% Total Food Energy from CACFP
Total fat							
3-5 years	≤ 30% <sup>a</sup>	0.65	1.12	0.33	0.77	0.80	1.33
6-10 years	≤ 30	0.81	1.73	--	--	0.85	3.51
Saturated fat							
3-5 years	< 10% <sup>a</sup>	0.40	0.55	0.15	0.40	0.33	0.56
6-10 years	< 10	0.38	0.64	--	--	0.59	1.78
Carbohydrate							
3-5 years	> 55% <sup>b</sup>	0.85	1.29	0.40	0.84	1.04	1.91
6-10 years	> 55	0.79	1.68	--	--	0.90	6.07
Number of child days							
3-5 years		161	161	574	574	352	352
6-10 years		59	59	--	--	41	39

a *Dietary Guidelines* recommendation (USDHHS/USDA, 2000).

b NRC recommendation (NRC, 1989b).

**Exhibit E.3****Standard Errors for Estimates of Average Cholesterol, Sodium, and Dietary Fiber Consumed in CACFP Care and Over 24 Hours in Exhibit 4.4<sup>a</sup>**

	Daily Recommendation	Family Child Care Homes			Head Start Centers			Child Care Centers		
		% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP	% Total from Meals in Care Relative to % Total Energy from Meals in Care	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP	% Total from Meals in Care Relative to % Total Energy from Meals in Care	% Daily Recommendation in 24 Hours	% Daily Recommendation from CACFP	% Total from Meals in Care Relative to % Total Energy from Meals in Care
Cholesterol										
3-5 years	≤ 300 mg <sup>a</sup>	3.37	3.20	0.03	2.52	2.03	0.03	3.66	2.80	0.04
6-10 years	≤ 300 mg	5.72	6.38	0.12	--	--	--	6.27	3.33	0.12
Sodium										
3-5 years	≤ 2,400 mg <sup>a</sup>	4.37	3.51	0.02	2.35	1.93	0.02	4.05	4.50	0.05
6-10 years	≤ 2,400 mg	3.92	3.50	0.04	--	--	--	9.12	6.40	0.08
Dietary fiber										
3-5 years	> 8-10 g <sup>b</sup>	7.63	5.32	0.04	4.05	3.23	0.03	5.01	5.28	0.05
6-10 years	> 11-15 g <sup>b</sup>	4.26	3.46	0.07	--	--	--	12.69	7.97	0.23
Number of child days										
3-5 years		161	161	161	574	574	574	352	352	352
6-10 years		59	59	59	0	0	0	41	41	41

a NRC recommendation (NRC, 1989b).

b Based on American Health Foundation recommendation of “age-plus-five” grams per day (Williams, 1995).