

Appendix D

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Table D-1—Percent of income-eligible 1-4-year-old children receiving benefits from the Food Stamp Program

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children									
1 year old	659	61.4	3.4	335	72.8	3.9	287	>>> 48.0	4.6
2 years old	652	65.6	2.6	215	78.4	3.0	413	>>> 57.2	3.7
3 years old	614	63.8	3.4	174	71.0	7.3	407	58.7	3.8
4 years old	592	59.7	3.9	118	65.4 *	6.4	445	55.6	4.9
Total, age-adjusted	2,517	62.6	2.4	842	71.9	3.4	1,552	>>> 54.9	3.0

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview files. 'Total' column includes children with missing WIC participation or income.

Table D-2—Distribution of 1-4-year-old children by household food sufficiency status

	Total Children				Currently Receiving WIC Benefits				Income-eligible Nonparticipants				Higher-income Nonparticipants			
	Sample size	Enough food to eat	Sometimes not enough	Often not enough	Sample size	Enough food to eat	Sometimes not enough	Often not enough	Sample size	Enough food to eat	Sometimes not enough	Often not enough	Sample size	Enough food to eat	Sometimes not enough	Often not enough
Percent distribution																
Children																
1 year old	1,253	93.1	6.6	0.3	418	88.9	11.0	0.1	389	85.4	13.6	1.1	357	99.5	0.5	0.0
2 years old	1,268	92.6	6.7	0.7	253	83.4	15.3	1.3	545	86.5	11.9	1.6	387	99.4	0.6	0.0
3 years old	1,119	93.9	5.7	0.4	201	90.9	7.5	1.7	513	88.3	11.3	0.4	325	99.7	0.3	0.0
4 years old	1,098	93.0	6.5	0.5	137	87.2	9.0	3.8	547	88.0	11.7	0.3	342	99.4	0.6	0.0
Total, age-adjusted	4,738	93.2	6.4	0.5	1,009	87.6	10.7	1.7	1,994	87.1	12.1	0.8	1,411	99.5	0.5	0.0
Standard errors																
Children																
1 year old	1,253	0.9	0.9	0.1	418	2.2	2.2	0.1	389	2.1	2.1	0.5	357	0.4	0.4	0.0
2 years old	1,268	1.0	1.0	0.3	253	4.6	4.4	0.8	545	2.0	2.1	0.9	387	0.4	0.4	0.0
3 years old	1,119	0.7	0.8	0.2	201	2.4	1.7	1.5	513	2.1	2.1	0.2	325	0.2	0.2	0.0
4 years old	1,098	0.9	1.0	0.2	137	4.0	2.7	2.8	547	1.9	1.9	0.2	342	0.4	0.4	0.0
Total, age-adjusted	4,738	0.7	0.7	0.1	1,009	1.7	1.7	0.8	1,994	1.2	1.2	0.3	1,411	0.2	0.2	0.0

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation. Significant differences, compared to WIC participants, are noted by > (.05 level), >> (.01 level), or >>> (.001 level). The Bonferroni adjustment was used to adjust for the multiplicity of tests when examining multiple outcome categories.

Source: NHANES-III, 1988-94: Youth interview files. 'Total' column includes children with missing WIC participation or income.

Table D-3—Percent of 1-4-year-old children eating fewer than three meals per day

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	1,105	13.1	1.53	367	15.1	2.14	347	14.8	1.96	308	11.1	2.51
2 years old	1,174	10.2	1.06	241	12.0	2.00	513	15.5	2.35	344	» 6.0	1.22
3 years old	998	14.2	1.54	181	20.2	3.77	474	15.1	2.42	272	11.1	3.11
4 years old	998	14.3	1.70	130	18.4	5.04	492	14.7	1.90	314	10.4	2.88
Total, age-adjusted	4,275	13.0	0.76	919	16.4	1.96	1,826	15.0	1.13	1,238	» 9.7	1.08

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Table D-4—Average number of meals consumed per day: Children 1-4 years old

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Children												
1 year old	1,105	3.0	0.03	367	3.0	0.05	347	3.0	0.04	308	3.1	0.05
2 years old	1,174	3.0	0.02	241	3.0	0.04	513	2.9	0.04	344	3.0	0.03
3 years old	998	3.0	0.03	181	2.9	0.07	474	3.0	0.04	272	3.0	0.04
4 years old	998	2.9	0.02	130	3.0	0.09	492	3.0	0.03	314	2.9	0.04
Total, age-adjusted	4,275	3.0	0.02	919	3.0	0.04	1,826	3.0	0.03	1,238	3.0	0.02

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Exam file, 24-hour dietary recall. 'Total' column includes children with missing WIC participation or income.

Table D-5—Percent of 1-4-year-old children who eat breakfast every day

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	1,255	95.0	0.8	417	92.9 *	1.7	390	93.9 *	1.8	357	* 96.7 *	0.7
2 years old	1,269	91.3	0.9	253	85.7	3.8	545	89.6	1.9	387	93.6	1.1
3 years old	1,119	90.3	1.4	201	88.5 *	2.7	513	90.7	2.1	325	90.3	2.3
4 years old	1,096	91.9	1.5	137	85.0 *	7.2	547	88.8	2.7	341	96.1 *	1.1
Total, population adjusted	4,739	92.2	0.6	1,008	88.0	2.2	1,995	90.8	1.3	1,410	* 94.2	0.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by * (.05 level), ** (.01 level), or *** (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview files. 'Total' column includes children with missing WIC participation or income.

Table D-6—Percent of 1-4-year-old children eating at least one snack per day

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	1,105	97.0	0.6	367	96.6 *	1.2	347	94.5	1.7	308	98.4 *	0.8
2 years old	1,174	96.3	0.7	241	97.0 *	1.0	513	93.4	1.8	344	98.0 *	0.8
3 years old	998	94.1	1.1	181	92.7 *	3.0	474	92.0	1.7	272	95.8 *	2.0
4 years old	998	93.4	1.2	130	96.9 *	2.1	492	92.7	1.3	314	93.2	2.1
Total, age-adjusted	4,275	95.2	0.5	919	95.8	1.0	1,826	93.2	1.0	1,238	96.3	0.9

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Table D-7—Average number of snacks consumed per day: Children 1-4 years old

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Children												
1 year old	1,105	3.2	0.09	367	3.2	0.14	347	> 2.9	0.12	308	3.3	0.12
2 years old	1,174	2.9	0.06	241	3.0	0.15	513	> 2.7	0.09	344	3.1	0.09
3 years old	998	2.6	0.08	181	2.4	0.13	474	2.4	0.14	272	> 2.9	0.15
4 years old	998	2.4	0.06	130	2.6	0.15	492	2.4	0.09	314	2.4	0.10
Total, age-adjusted	4,275	2.8	0.04	919	2.8	0.08	1,826	>> 2.6	0.07	1,238	2.9	0.06

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Exam file, 24-hour dietary recall. 'Total' column includes children with missing WIC participation or income.

Table D-8—Mean usual intake of food energy in kilocalories: Children 1-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
1 year old	1,135	1,218	12.2	380	1,215	21.5	355	1,268	21.8	315	1,199	20.6
2 years old	1,175	1,398	11.9	242	1,480	36.4	513	» 1,370	14.1	344	1,406	20.1
3 years old	999	1,487	15.2	181	1,556	28.3	475	1,502	29.1	272	» 1,463	20.1
4 years old	1,000	1,603	22.5	130	1,659	40.3	494	1,654	27.5	314	1,580	30.7
Total, age-adjusted ...	4,309	1,428	8.7	933	1,473	17.2	1,837	1,449	15.0	1,245	» 1,412	11.0

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

Total column includes children with missing WIC participation or income.

Table D-9—Mean usual intake of food energy as a percent of the 1989 Recommended Energy Allowance: Children 1-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
1 year old	1,135	93.7	0.9	380	93.5	1.6	355	97.5	1.7	315	92.2	1.6
2 years old	1,175	107.6	0.9	242	113.9	2.8	513	» 105.4	1.1	344	108.2	1.6
3 years old	999	114.4	1.2	181	119.7	2.2	475	115.5	2.2	272	» 112.5	1.6
4 years old	1,000	89.0	1.2	130	92.2	2.2	494	91.9	1.5	314	87.8	1.7
Total, age-adjusted ...	4,309	100.6	0.6	933	107.2	1.2	1,837	»» 101.0	1.0	1,245	»» 98.8	0.8

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

Total column includes children with missing WIC participation or income.

Table D-10—Distribution of usual food energy intake in kilocalories: Children 1-4 years old

	1989 REA (kcal)	Percentiles									Standard errors of percentiles								
		5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																			
1 year old	1,300	773	856	914	1,004	1,188	1,400	1,525	1,614	1,758	8.42	7.81	7.98	8.89	11.00	16.10	20.80	23.90	27.90
2 years old	1,300	945	1,035	1,097	1,192	1,378	1,580	1,698	1,784	1,920	9.61	9.34	9.20	9.13	10.30	14.30	18.10	21.30	27.10
3 years old	1,300	1,024	1,115	1,178	1,274	1,460	1,670	1,798	1,892	2,042	14.30	14.00	13.90	13.80	14.30	18.20	22.10	25.60	32.60
4 years old	1,800	1,100	1,198	1,266	1,370	1,578	1,808	1,943	2,040	2,192	21.40	20.40	20.20	20.70	22.80	25.70	27.40	28.70	31.10
Total, age-adjusted ...	na	921	1,018	1,086	1,190	1,398	1,630	1,771	1,873	2,038	6.80	6.77	6.91	7.28	8.48	10.90	12.90	14.60	17.70
Receiving WIC Benefits																			
1 year old	1,300	725	820	885	983	1,186	1,416	1,551	1,648	1,804	28.60	22.70	20.20	18.90	20.50	24.20	28.30	32.70	42.60
2 years old	1,300	1,009	1,098	1,159	1,253	1,443	1,665	1,804	1,908	2,080	26.90	25.50	25.00	25.30	30.00	45.70	60.20	72.40	92.60
3 years old	1,300	1,060	1,147	1,209	1,306	1,508	1,752	1,907	2,024	2,218	27.00	29.30	30.30	30.10	26.60	31.90	38.60	46.30	65.30
4 years old	1,800	1,191	1,286	1,353	1,453	1,641	1,847	1,971	2,059	2,193	31.30	33.00	34.60	36.50	40.20	48.20	54.30	58.80	65.00
Total, age-adjusted ...	na	925	1,031	1,107	1,221	1,440	1,687	1,841	1,955	2,139	13.80	12.50	12.30	12.80	16.00	22.80	28.40	33.30	42.80
Income-eligible Nonparticipant																			
1 year old	1,300	751	841	908	1,015	1,236	1,479	1,621	1,725	1,894	13.70	14.50	15.50	17.50	22.50	28.30	33.60	39.10	49.60
2 years old	1,300	880	973	1,040	1,143	1,352	1,575	1,697	1,782	1,917	16.30	16.70	16.80	16.70	15.50	14.50	15.00	16.50	20.70
3 years old	1,300	1,030	1,122	1,186	1,283	1,477	1,694	1,823	1,915	2,060	24.50	23.00	22.40	22.20	25.70	35.40	43.10	49.50	61.10
4 years old	1,800	1,101	1,210	1,285	1,401	1,629	1,879	2,026	2,131	2,296	35.20	32.30	30.60	28.50	26.40	29.10	32.30	35.40	41.70
Total, age-adjusted ...	na	912	1,014	1,086	1,198	1,421	1,668	1,813	1,918	2,084	12.80	12.80	13.00	13.40	14.50	17.40	20.80	24.00	30.20
Higher-income Nonparticipant																			
1 year old	1,300	823	894	944	1,022	1,176	1,346	1,449	1,526	1,654	14.10	15.40	16.20	17.20	19.80	25.10	29.30	33.00	40.50
2 years old	1,300	987	1,068	1,125	1,213	1,389	1,581	1,690	1,767	1,885	16.60	16.10	15.70	15.20	16.90	23.50	28.70	33.00	41.00
3 years old	1,300	1,031	1,111	1,168	1,257	1,438	1,642	1,761	1,846	1,979	19.10	19.60	19.80	19.90	19.90	23.50	27.60	31.70	41.20
4 years old	1,800	1,118	1,206	1,269	1,365	1,559	1,772	1,896	1,983	2,117	29.30	27.00	26.40	26.70	30.40	36.10	39.90	42.90	48.00
Total, age-adjusted ...	na	949	1,036	1,097	1,191	1,382	1,599	1,730	1,825	1,977	9.85	9.60	9.64	9.94	11.10	13.30	15.30	17.10	21.10

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants. The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*. 'Total' column includes children with missing WIC participation or income.

Table D-11—Mean usual intake of Vitamin C in milligrams: Children 1-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
1 year old	1,135	86	2.2	380	87	3.0	355	85	3.5	315	87	4.0
2 years old	1,175	96	1.9	242	102	6.1	513	90	3.6	344	99	2.4
3 years old	999	93	2.4	181	129	11.0	475	>>>89	3.8	272	>>>87	2.9
4 years old	1,000	101	2.3	130	103	6.2	494	107	3.9	314	99	3.5
Total, age-adjusted ...	4,309	94	0.9	933	105	3.4	1,837	>> 93	2.2	1,245	>>>93	1.2

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using C-SIDE: Software for Intake Distribution Estimation, accounting for within-person variance as estimated from the Continuing Survey of Food Intakes by Individuals (CSFII).

'Total' column includes children with missing WIC participation or income.

Table D-12—Percent of 1-4-year-old children with adequate usual intake of Vitamin C¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
1 year old	1,135	99.8	0.03	380	100.0	0.05	355	> 99.8	0.06	315	99.9	0.05
2 years old	1,175	99.9	0.04	242	100.0	0.00	513	> 99.9	0.06	344	99.9	0.05
3 years old	999	99.9	0.03	181	100.0	0.00	475	100.0	0.03	272	>> 99.8	0.06
4 years old	1,000	99.8	0.04	130	100.0	0.08	494	> 99.8	0.07	314	>> 99.6	0.10
Total, age-adjusted ...	4,309	99.9	0.02	933	100.0	0.02	1,837	>>>99.9	0.03	1,245	>>>99.8	0.03

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Estimated Average Requirements (EARs) were used to assess the adequacy of intake in groups, using the EAR cut-point method described in IOM, *Dietary Reference Intakes: Applications in Dietary Assessment*, Chapter 4. EARs are defined separately for age groups as listed in appendix B.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using C-SIDE: Software for Intake Distribution Estimation, accounting for within-person variance as estimated from the Continuing Survey of Food Intakes by Individuals (CSFII).

'Total' column includes children with missing WIC participation or income.

Table D-13—Distribution of usual Vitamin C intake in milligrams: Children 1-4 years old

	EAR (mg/dy)	Percentiles									Standard errors of percentiles								
		5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																			
1 year old	13	30	37	43	53	76	108	130	147	177	0.84	0.97	1.07	1.26	1.80	2.74	3.59	4.42	6.18
2 years old	13	34	43	49	60	86	121	143	161	189	1.00	1.09	1.17	1.31	1.69	2.40	3.06	3.67	4.92
3 years old	13	36	45	52	62	87	117	136	150	173	1.20	1.39	1.54	1.77	2.17	2.90	3.64	4.26	5.38
4 years old	22	44	53	60	71	96	125	143	157	178	1.16	1.25	1.33	1.50	1.99	2.83	3.50	4.08	5.14
Total, age-adjusted ...	na	36	44	51	62	87	118	139	154	179	0.54	0.59	0.63	0.70	0.87	1.15	1.40	1.65	2.22
Receiving WIC Benefits																			
1 year old	13	34	42	48	59	81	108	125	137	158	1.53	1.71	1.85	2.13	2.97	3.95	4.65	5.32	6.63
2 years old	13	39	48	55	66	92	128	151	169	198	2.04	2.48	2.85	3.54	5.38	8.16	10.30	12.00	15.50
3 years old	13	59	71	78	90	117	154	181	202	237	4.93	5.34	5.57	6.10	9.10	14.60	18.50	21.60	27.70
4 years old	22	53	61	68	78	100	125	140	150	167	5.14	5.46	5.64	5.85	6.18	6.87	7.54	8.12	9.16
Total, age-adjusted ...	na	45	54	61	73	98	130	150	165	190	2.08	2.34	2.47	2.63	3.07	4.32	5.26	5.93	6.95
Income-eligible Nonparticipant																			
1 year old	13	29	36	42	> 51	74	106	129	148	181	1.26	1.35	1.43	1.61	2.35	4.22	6.20	8.19	12.60
2 years old	13	33	40	46	57	81	113	134	150	177	1.52	1.65	1.76	2.03	2.98	4.61	5.84	6.89	8.87
3 years old	13	>>>37	>>>45	>>>51	>>>61	>> 83	> 111	129	142	164	2.08	2.34	2.54	2.88	3.73	4.80	5.46	6.00	7.20
4 years old	22	46	56	63	75	101	133	153	167	190	1.91	2.16	2.40	2.83	3.85	5.02	5.74	6.28	7.17
Total, age-adjusted ...	na	>>>36	>> 44	>> 51	>>>61	>> 85	116	136	152	178	1.02	1.12	1.22	1.43	2.01	2.90	3.51	4.00	4.93
Higher-income Nonparticipant																			
1 year old	13	29	36	42	51	75	109	132	151	184	1.30	1.54	1.73	2.06	3.03	5.01	6.93	8.76	12.50
2 years old	13	35	44	50	62	89	125	148	167	197	1.54	1.66	1.77	1.95	2.35	3.11	3.98	4.89	6.90
3 years old	13	>>>34	>>>42	>>>48	>>>58	>> 81	> 110	> 127	> 140	160	1.53	1.73	1.87	2.13	2.86	3.90	4.47	4.89	5.87
4 years old	22	42	51	58	69	94	122	140	153	174	1.88	2.02	2.15	2.41	3.06	4.18	5.29	6.37	8.65
Total, age-adjusted ...	na	>>>35	>>>43	>>>49	>>>60	>>>85	> 117	137	152	177	0.76	0.84	0.90	0.99	1.20	1.59	2.02	2.48	3.51

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

na EAR is specified for particular age groups, but is not applicable to pooled data.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

Total column includes children with missing WIC participation or income.

Table D-14—Mean usual intake of iron in milligrams: Children 1-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
1 year old	1,135	9.5	0.15	380	10.1	0.27	355	>> 9.0	0.24	315	9.7	0.24
2 years old	1,175	10.6	0.13	242	11.6	0.43	513	>>> 10.0	0.24	344	11.0	0.20
3 years old	999	10.9	0.14	181	12.4	0.43	475	>>> 10.7	0.25	272	>>> 10.8	0.21
4 years old	1,000	12.2	0.26	130	12.2	0.38	494	12.3	0.27	314	12.4	0.44
Total, age-adjusted ...	4,309	10.8	0.09	933	11.6	0.20	1,837	>>> 10.5	0.13	1,245	> 11.0	0.16

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

'Total' column includes children with missing WIC participation or income.

Table D-15—Percent of 1-4-year-old children with adequate usual intake of iron¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
1 year old	1,135	99.3	0.10	380	98.8	0.35	355	99.2	0.16	315	> 99.7	0.08
2 years old	1,175	100.0	0.00	242	100.0	0.00	513	>>> 99.8	0.07	344	100.0	0.00
3 years old	999	100.0	0.00	181	100.0	0.00	475	100.0	0.00	272	100.0	0.00
4 years old	1,000	100.0	0.02	130	100.0	0.00	494	100.0	0.05	314	100.0	0.01
Total, age-adjusted ...	4,309	99.8	0.03	933	99.7	0.09	1,837	99.7	0.05	1,245	> 99.9	0.02

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Estimated Average Requirements (EARs) were used to assess the adequacy of intake in groups, using the EAR cut-point method described in IOM, *Dietary Reference Intakes: Applications in Dietary Assessment*, Chapter 4. EARs are defined separately for age groups as listed in appendix B.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

'Total' column includes children with missing WIC participation or income.

Table D-16—Distribution of usual iron intake in milligrams: Children 1-4 years old

	EAR (mg/dy)	Percentiles									Standard errors of percentiles								
		5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																			
1 year old	3.0	4.5	5.2	5.8	6.7	8.7	11.4	13.2	14.6	17.1	0.09	0.10	0.10	0.11	0.13	0.20	0.26	0.30	0.38
2 years old	3.0	5.9	6.7	7.2	8.1	10.0	12.4	14.1	15.3	17.5	0.09	0.09	0.09	0.09	0.12	0.17	0.21	0.24	0.28
3 years old	3.0	6.6	7.3	7.8	8.7	10.5	12.7	14.1	15.2	16.9	0.11	0.11	0.11	0.11	0.13	0.17	0.20	0.22	0.24
4 years old	na	7.4	8.1	8.7	9.6	11.7	14.2	15.8	16.9	18.9	0.13	0.14	0.14	0.16	0.23	0.35	0.42	0.47	0.53
Total, age-adjusted ...	na	5.8	6.6	7.2	8.2	10.2	12.8	14.4	15.7	17.9	0.06	0.06	0.06	0.06	0.07	0.12	0.15	0.18	0.23
Receiving WIC Benefits																			
1 year old	3.0	4.3	5.2	5.8	6.8	9.0	12.1	14.3	16.1	19.3	0.20	0.20	0.20	0.22	0.26	0.35	0.46	0.55	0.71
2 years old	3.0	6.6	7.5	8.1	9.0	11.1	13.6	15.2	16.4	18.4	0.27	0.29	0.31	0.33	0.40	0.53	0.63	0.70	0.81
3 years old	3.0	7.3	8.2	8.8	9.8	12.0	14.6	16.1	17.3	19.2	0.35	0.36	0.37	0.38	0.42	0.51	0.59	0.67	0.80
4 years old	na	8.3	9.1	9.6	10.4	12.0	13.8	14.9	15.7	16.9	0.28	0.30	0.31	0.32	0.36	0.48	0.56	0.62	0.72
Total, age-adjusted ...	na	6.1	7.0	7.7	8.7	10.9	13.6	15.4	16.8	19.3	0.14	0.15	0.15	0.16	0.18	0.25	0.31	0.35	0.42
Income-eligible Nonparticipant																			
1 year old	3.0	4.2	5.0	5.5	6.4	8.4	11.0	12.7	» 13.9	» 15.9	0.10	0.11	0.12	0.15	0.23	0.33	0.41	0.48	0.59
2 years old	3.0	»» 5.0	»» 5.8	»» 6.3	»» 7.2	»» 9.2	» 11.8	13.6	15.0	17.4	0.14	0.14	0.14	0.15	0.19	0.30	0.40	0.50	0.72
3 years old	3.0	7.0	7.6	8.1	8.8	» 10.4	»» 12.2	»» 13.3	»» 14.2	»» 15.5	0.20	0.20	0.20	0.20	0.24	0.30	0.34	0.38	0.44
4 years old	na	7.4	8.3	8.9	9.9	11.8	14.2	15.7	16.8	18.5	0.21	0.20	0.20	0.20	0.24	0.32	0.39	0.44	0.54
Total, age-adjusted ...	na	5.7	6.5	» 7.1	» 8.0	»» 10.0	»» 12.4	» 14.0	» 15.2	»» 17.1	0.11	0.11	0.11	0.10	0.12	0.16	0.19	0.22	0.28
Higher-income Nonparticipant																			
1 year old	3.0	4.8	5.5	6.1	7.0	9.1	11.7	13.4	14.7	16.8	0.12	0.13	0.13	0.15	0.20	0.31	0.40	0.48	0.64
2 years old	3.0	6.5	7.3	7.8	8.6	10.4	12.8	14.3	15.5	17.5	0.16	0.15	0.15	0.16	0.20	0.27	0.32	0.36	0.42
3 years old	3.0	6.3	» 7.0	» 7.6	» 8.4	» 10.3	» 12.6	» 14.1	» 15.2	17.0	0.15	0.16	0.16	0.18	0.21	0.26	0.29	0.32	0.38
4 years old	na	7.5	8.2	8.8	9.7	11.7	14.4	16.2	17.5	19.7	0.20	0.21	0.23	0.26	0.41	0.60	0.71	0.80	0.96
Total, age-adjusted ...	na	6.1	6.8	7.4	8.3	10.3	12.9	14.6	15.9	18.1	0.07	0.07	0.08	0.09	0.14	0.21	0.27	0.32	0.42

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

na EAR is specified for particular age groups, but is not applicable to pooled data.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

Total column includes children with missing WIC participation or income.

Table D-17—Mean usual intake of zinc in milligrams: Children 1-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
1 year old	1,135	6.4	0.08	380	6.5	0.15	355	6.6	0.15	315	6.2	0.10
2 years old	1,175	7.1	0.09	242	7.8	0.22	513	>> 7.1	0.12	344	>> 7.0	0.16
3 years old	999	7.3	0.10	181	7.9	0.26	475	7.6	0.16	272	>> 7.0	0.12
4 years old	1,000	8.1	0.19	130	8.4	0.43	494	8.6	0.28	314	7.8	0.25
Total, age-adjusted ...	4,309	7.2	0.07	933	7.6	0.15	1,837	7.5	0.11	1,245	>>> 7.0	0.08

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

'Total' column includes children with missing WIC participation or income.

Table D-18—Percent of 1-4-year-old children with adequate usual intake of zinc¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
1 year old	1,135	99.9	0.05	380	99.6	0.20	355	100.0	0.00	315	100.0	0.00
2 years old	1,175	100.0	0.00	242	100.0	0.00	513	100.0	0.00	344	100.0	0.00
3 years old	999	100.0	0.00	181	100.0	0.00	475	100.0	0.00	272	100.0	0.00
4 years old	1,000	99.4	0.17	130	100.0	0.08	494	99.8	0.10	314	99.3	0.36
Total, age-adjusted ...	4,309	99.8	0.04	933	99.9	0.05	1,837	99.9	0.03	1,245	99.8	0.09

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Estimated Average Requirements (EARs) were used to assess the adequacy of intake in groups, using the EAR cut-point method described in IOM, *Dietary Reference Intakes: Applications in Dietary Assessment*, Chapter 4. EARs are defined separately for age groups as listed in appendix B.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

'Total' column includes children with missing WIC participation or income.

Table D-19—Distribution of usual zinc intake in milligrams: Children 1-4 years old

	EAR (mg/dy)	Percentiles									Standard errors of percentiles								
		5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																			
1 year old	2.2	3.9	4.3	4.6	5.1	6.2	7.4	8.1	8.6	9.5	0.05	0.05	0.05	0.06	0.08	0.09	0.11	0.12	0.15
2 years old	2.2	4.5	4.9	5.2	5.7	6.8	8.2	9.0	9.6	10.7	0.07	0.07	0.07	0.07	0.08	0.10	0.12	0.14	0.17
3 years old	2.2	4.8	5.3	5.6	6.1	7.2	8.4	9.1	9.6	10.5	0.08	0.08	0.08	0.09	0.10	0.12	0.14	0.16	0.20
4 years old	4.1	5.1	5.7	6.0	6.6	7.8	9.3	10.3	11.0	12.2	0.12	0.12	0.13	0.14	0.17	0.23	0.28	0.32	0.41
Total, age-adjusted ...	na	4.5	5.0	5.3	5.8	7.0	8.3	9.2	9.8	10.9	0.04	0.04	0.04	0.05	0.07	0.09	0.11	0.12	0.15
Receiving WIC Benefits																			
1 year old	2.2	3.6	4.1	4.5	5.1	6.2	7.6	8.4	9.1	10.1	0.14	0.12	0.12	0.12	0.13	0.17	0.21	0.24	0.33
2 years old	2.2	4.7	5.2	5.5	6.1	7.3	8.9	10.0	10.8	12.3	0.16	0.16	0.16	0.16	0.19	0.26	0.33	0.40	0.55
3 years old	2.2	5.3	5.7	6.0	6.6	7.7	9.0	9.8	10.4	11.3	0.17	0.18	0.19	0.21	0.26	0.34	0.38	0.40	0.44
4 years old	4.1	5.6	6.1	6.4	7.0	8.2	9.6	10.5	11.1	12.2	0.25	0.28	0.30	0.34	0.41	0.52	0.59	0.65	0.76
Total, age-adjusted ...	na	4.5	5.1	5.4	6.0	7.3	8.8	9.8	10.6	11.9	0.07	0.07	0.08	0.10	0.14	0.20	0.25	0.28	0.34
Income-eligible Nonparticipant																			
1 year old	2.2	4.0	4.4	4.8	5.3	6.4	7.7	8.4	9.0	9.8	0.08	0.09	0.10	0.11	0.15	0.20	0.23	0.25	0.29
2 years old	2.2	4.5	5.0	5.3	5.8	6.9	8.1	8.9	9.4	10.2	0.10	0.10	0.10	0.10	0.11	0.13	0.15	0.17	0.21
3 years old	2.2	5.2	5.6	6.0	6.5	7.5	8.6	9.3	9.8	10.6	0.14	0.14	0.14	0.14	0.16	0.19	0.22	0.25	0.30
4 years old	4.1	5.6	6.2	6.5	7.2	8.4	9.9	10.8	11.4	12.4	0.19	0.19	0.20	0.21	0.26	0.33	0.38	0.42	0.50
Total, age-adjusted ...	na	4.7	5.2	5.6	6.1	7.3	8.6	9.4	10.0	11.0	0.07	0.07	0.08	0.08	0.10	0.14	0.16	0.19	0.23
Higher-income Nonparticipant																			
1 year old	2.2	4.1	4.5	4.8	5.2	6.0	7.1	7.7	8.2	8.9	0.08	0.08	0.08	0.09	0.10	0.12	0.14	0.16	0.22
2 years old	2.2	4.4	4.9	5.2	5.7	6.8	8.0	8.8	9.4	10.4	0.11	0.11	0.11	0.12	0.14	0.19	0.23	0.27	0.33
3 years old	2.2	4.5	5.0	5.4	5.9	6.9	8.0	8.7	9.1	9.9	0.10	0.10	0.09	0.10	0.12	0.14	0.16	0.17	0.20
4 years old	4.1	5.0	5.5	5.8	6.3	7.5	8.9	9.8	10.6	11.7	0.17	0.17	0.17	0.17	0.22	0.31	0.39	0.46	0.61
Total, age-adjusted ...	na	4.4	4.9	5.2	5.7	6.8	8.0	8.8	9.4	10.4	0.05	0.05	0.05	0.05	0.07	0.11	0.14	0.16	0.21

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

na EAR is specified for particular age groups, but is not applicable to pooled data.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Food intake does not account for vitamin/mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intake of Individuals (CSFII)*.

Table D-20—Mean usual intake of calcium in milligrams: Children 1-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
1 year old	1,135	903	15.8	380	899	21.5	355	887	32.7	315	902	20.9
2 years old	1,175	783	11.5	242	833	27.8	513	» 734	11.5	344	809	21.9
3 years old	999	824	15.1	181	849	27.6	475	783	25.8	272	847	20.5
4 years old	1,000	843	15.2	130	842	30.0	494	832	21.9	314	868	23.7
Total, age-adjusted ...	4,309	838	8.1	933	854	16.6	1,837	811	15.1	1,245	857	10.4

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

Total column includes children with missing WIC participation or income.

Table D-21—Mean usual intake of calcium as a percent of Adequate Intake (AI): Children 1-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
1 year old	1,135	180.7	3.2	380	179.7	4.3	355	177.3	6.5	315	180.4	4.2
2 years old	1,175	156.6	2.3	242	166.6	5.6	513	» 146.8	2.3	344	161.9	4.4
3 years old	999	164.8	3.0	181	169.7	5.5	475	156.6	5.2	272	169.4	4.1
4 years old	1,000	105.4	1.9	130	105.2	3.8	494	104.0	2.7	314	108.5	3.0
Total, age-adjusted ...	4,309	146.7	1.4	933	157.5	3.0	1,837	»» 139.9	2.6	1,245	» 148.5	1.8

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

Total column includes children with missing WIC participation or income.

Table D-22—Distribution of usual calcium intake in milligrams: Children 1-4 years old

	AI (mg/dy)	Percentiles									Standard errors of percentiles								
		5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																			
1 year old	500	418	507	571	670	870	1,101	1,242	1,345	1,507	9.58	10.60	11.30	12.40	15.00	20.40	25.10	28.90	35.10
2 years old	500	400	467	516	594	757	945	1,055	1,133	1,254	8.24	8.36	8.65	9.52	12.30	15.00	16.10	17.10	19.40
3 years old	500	431	501	551	630	793	983	1,099	1,185	1,322	9.02	10.10	10.80	12.00	14.40	18.80	22.80	26.00	32.10
4 years old	800	479	546	594	671	826	996	1,093	1,162	1,268	11.10	12.10	12.80	13.90	15.40	17.50	19.20	20.50	22.50
Total, age-adjusted ...	na	432	504	557	640	812	1,007	1,122	1,206	1,336	4.70	5.16	5.52	6.12	7.70	9.93	11.80	13.50	16.50
Receiving WIC Benefits																			
1 year old	500	414	501	562	659	864	1,107	1,250	1,349	1,499	20.90	18.90	18.10	18.40	22.20	27.90	31.10	33.80	38.90
2 years old	500	421	498	554	640	814	1,005	1,115	1,192	1,310	24.40	25.40	25.80	26.60	29.40	32.30	34.50	36.40	39.60
3 years old	500	464	529	578	657	822	1,011	1,121	1,200	1,323	21.10	22.90	23.60	24.50	28.30	33.20	36.30	39.50	47.80
4 years old	800	555	608	646	705	824	959	1,039	1,098	1,190	18.50	20.80	22.50	25.30	30.50	36.10	40.00	42.90	47.20
Total, age-adjusted ...	na	450	524	576	659	829	1,023	1,137	1,218	1,342	11.90	12.60	13.30	14.80	17.30	19.20	20.70	22.30	26.30
Income-eligible Nonparticipant																			
1 year old	500	346	437	506	618	853	1,113	1,263	1,372	1,544	15.50	18.30	20.30	22.50	28.10	43.30	56.50	66.90	83.00
2 years old	500	401	461	504	572	713	874	968	1,035	1,140	9.65	9.93	10.10	10.40	11.40	13.90	16.40	18.70	23.50
3 years old	500	441	499	542	610	753	921	1,025	1,102	1,230	16.90	18.00	18.60	19.60	22.90	30.50	37.10	42.70	52.90
4 years old	800	487	548	593	663	813	981	1,076	1,142	1,243	17.80	19.10	20.00	21.40	23.10	24.40	25.40	26.30	28.50
Total, age-adjusted ...	na	425	491	540	618	782	970	1,083	1,166	1,297	8.76	9.75	10.50	11.60	14.10	18.80	22.80	26.10	31.80
Higher-income Nonparticipant																			
1 year old	500	456	537	594	684	868	1,082	1,213	1,310	1,466	15.60	16.20	16.60	17.60	20.70	25.90	29.00	31.30	35.80
2 years old	500	408	478	529	610	784	981	1,095	1,176	1,299	15.70	16.10	16.90	18.80	23.40	26.90	28.80	30.70	34.50
3 years old	500	432	508	563	648	821	1,018	1,134	1,218	1,351	15.20	16.10	17.00	18.30	20.70	24.60	27.50	30.30	37.00
4 years old	800	488	561	613	693	853	1,027	1,126	1,195	1,300	19.40	20.00	20.40	21.30	23.50	27.40	30.40	32.80	37.10
Total, age-adjusted ...	na	445	520	573	658	832	1,029	1,144	1,226	1,353	7.67	7.81	8.08	8.71	10.40	12.50	14.10	15.40	17.90

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

na Adequate Intake (AI) is specified for particular age groups, but is not applicable to pooled data.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Food intake does not account for vitamin/mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intake of Individuals (CSFII)*.

Table D-23—Mean daily intake of milk (grams) by 1-4-year-old children

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Children												
1 year old	1,105	414.8	18.9	367	404.8	24.2	347	423.0	33.2	308	393.9	26.9
2 years old	1,174	273.2	12.0	241	300.6	25.2	513	246.8	12.4	344	284.9	23.5
3 years old	998	268.9	15.0	181	261.8	32.3	474	251.1	26.3	272	284.9	17.3
4 years old	998	234.0	12.6	130	241.7	42.0	492	228.8	18.3	314	242.6	22.8
Total, age-adjusted	4,275	297.7	7.8	919	302.2	19.5	1,826	287.5	15.1	1,238	301.5	11.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Table D-24—Mean number of 8-ounce servings of milk consumed per day by 1-4-year-old children

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Children												
1 year old	1,105	1.7	0.08	367	1.7	0.10	347	1.8	0.14	308	1.6	0.11
2 years old	1,174	1.1	0.05	241	1.2	0.10	513	1.0	0.05	344	1.2	0.10
3 years old	998	1.1	0.06	181	1.1	0.13	474	1.0	0.11	272	1.2	0.07
4 years old	998	1.0	0.05	130	1.0	0.18	492	1.0	0.08	314	1.0	0.10
Total, age-adjusted	4,275	1.2	0.03	919	1.3	0.08	1,826	1.2	0.06	1,238	1.3	0.05

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Exam file, 24-hour dietary recall. 'Total' column includes children with missing WIC participation or income.

Table D-25—Mean daily intake of soft drinks (grams) by 1-4-year-old children

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Children												
1 year old	1,105	109.8	7.26	367	116.9	12.96	347	128.4	13.63	308	96.5	9.49
2 years old	1,174	181.2	9.66	241	180.3	26.59	513	225.3	17.46	344	150.1	16.17
3 years old	998	207.3	14.78	181	223.4	31.02	474	234.7	19.56	272	177.5	23.30
4 years old	998	250.8	17.31	130	248.5	44.05	492	288.3	19.42	314	228.4	25.17
Total, age-adjusted	4,275	187.4	7.68	919	192.4	16.72	1,826	219.3	10.49	1,238	163.3	9.47

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Table D-26—Mean number of 8-ounce servings of soft drinks consumed per day by 1-4-year-old children

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Children												
1 year old	1,105	0.5	0.03	367	0.5	0.05	347	0.5	0.06	308	0.4	0.04
2 years old	1,174	0.8	0.04	241	0.8	0.11	513	0.9	0.07	344	0.6	0.07
3 years old	998	0.9	0.06	181	0.9	0.13	474	1.0	0.08	272	0.7	0.10
4 years old	998	1.0	0.07	130	1.0	0.18	492	1.2	0.08	314	1.0	0.10
Total, age-adjusted	4,275	0.8	0.03	919	0.8	0.07	1,826	0.9	0.04	1,238	0.7	0.04

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Exam file, 24-hour dietary recall. 'Total' column includes children with missing WIC participation or income.

Table D-27—Prevalence of dietary supplement use in the past month among 1-4-year-old children

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	1,254	37.1	2.2	416	28.4	3.4	391	36.4	3.7	356	» 44.0	4.5
2 years old	1,267	46.9	1.9	253	47.8	3.8	543	» 32.4	2.9	387	' 56.5	2.5
3 years old	1,113	50.7	3.3	201	40.9	6.0	510	44.6	4.0	322	» 59.2	3.9
4 years old	1,093	47.2	2.6	136	38.3	8.0	546	36.3	3.7	340	» 60.0	3.3
Total, age-adjusted	4,727	45.5	1.4	1,006	38.8	3.3	1,990	37.4	1.8	1,405	»» 54.9	2.1

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview files. 'Total' column includes children with missing WIC participation or income.

Table D-28—Number of dietary supplements taken by 1-4-year-old children using dietary supplements in past month

	Total Children				Currently Receiving WIC Benefits				Income-eligible Nonparticipants				Higher-income Nonparticipants			
	Sample size	Number supplements used			Sample size	Number supplements used			Sample size	Number supplements used			Sample size	Number supplements used		
		One	Two	Three +		One	Two	Three +		One	Two	Three +		One	Two	Three +
Percent distribution																
Children																
1 year old	423	91.9	6.7	1.4 *	112	93.7	6.3	0.0	126	94.4	5.2	0.4 *	159	91.5	7.0	1.5 *
2 years old	524	93.4	5.5	1.0 *	96	92.3	7.7	0.0	173	94.5	4.3	1.3 *	216	93.0	5.7	1.3 *
3 years old	458	87.8	11.3	0.8 *	62	97.4	2.3	0.3 *	192	92.2	7.6	0.2 *	183	82.7	15.9	1.4 *
4 years old	435	92.4	7.3	0.4 *	43	95.2	4.8	0.0 *	183	95.7	4.3	0.0	191	90.2	9.1	0.6 *
Total, age-adjusted	1,840	91.4	7.7	0.9 *	313	94.6	5.3	0.1 *	674	94.2	5.3	0.5 *	749	89.4	9.4	1.2 *
Standard errors																
Children																
1 year old	423	1.8	1.7	0.7	112	2.7	2.7	0.0	126	2.4	2.3	0.4	159	2.7	2.6	1.1
2 years old	524	1.5	1.4	0.8	96	3.3	3.3	0.0	173	2.0	1.7	1.1	216	2.5	2.2	1.3
3 years old	458	1.9	1.9	0.6	62	1.4	1.4	0.3	192	3.4	3.4	0.2	183	3.1	2.9	1.0
4 years old	435	1.8	1.8	0.4	43	3.1	3.1	0.0	183	2.0	2.0	0.0	191	2.6	2.5	0.6
Total, age-adjusted	1,840	0.9	0.9	0.3	313	1.7	1.6	0.1	674	1.2	1.2	0.3	749	1.2	1.2	0.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Source: NHANES-III, 1988-94: Youth interview files. 'Total' column includes children with missing WIC participation or income.

Table D-29—Types of dietary supplements taken by 1-4-year-old children using dietary supplements in past month¹

	Sample size	Single vitamin		Multiple vitamin		Single mineral		Vitamin/mineral combo		Other supplements	
		Percent	Std Error	Percent	Std Error	Percent	Std Error	Percent	Std Error	Percent	Std Error
Total Children											
Children											
1 year old	423	2.6 *	1.0	54.7	3.0	8.8	1.7	39.5	3.3	0.4 *	0.4
2 years old	524	3.4 *	1.1	48.1	3.2	8.6	2.1	43.0	2.9	0.3 *	0.3
3 years old	458	7.4	1.9	55.5	3.2	6.1	1.8	41.2	3.2	0.4 *	0.3
4 years old	435	6.4	1.8	53.9	3.0	5.1	1.5	37.9	2.3	0.0	0.0
Total, age-adjusted	1,840	5.0	0.9	53.1	1.6	7.1	1.2	40.4	1.6	0.3 *	0.1
Receiving WIC Benefits											
Children											
1 year old	112	2.8 *	2.7	57.6	5.8	12.2 *	2.9	29.8	6.7	0.0	0.0
2 years old	96	1.1 *	1.0	45.5	7.1	9.8 *	3.1	45.7	6.4	0.0	0.0
3 years old	62	2.5 *	1.5	37.3 *	8.8	4.5 *	2.5	57.4 *	9.7	0.0	0.0
4 years old	43	0.0 *	0.0	59.0 *	9.6	12.7 *	4.1	17.0 *	8.2	0.0 *	0.0
Total, age-adjusted	313	1.6 *	0.8	49.9	3.5	9.8	1.7	37.4	3.8	0.0	0.0
Income-eligible Nonparticipants											
Children											
1 year old	126	0.0	0.0	50.0	6.8	14.0	4.4	38.4	6.3	0.0	0.0
2 years old	173	3.7 *	1.2	57.2	4.4	7.4 *	2.9	34.9	4.0	0.0	0.0
3 years old	192	2.0 *	1.3	56.1	5.3	2.6 *	1.0	44.6	6.8	0.2 *	0.2
4 years old	183	8.6 *	5.0	54.6	5.4	4.5 *	1.6	35.0	4.9	0.0	0.0
Total, age-adjusted	674	3.6	1.3	54.5	3.4	7.1	1.8	38.2	3.1	>0	>0
Higher-income Nonparticipants											
Children											
1 year old	159	3.0 *	1.4	56.1	4.9	4.1 *	1.6	42.2	5.0	0.7 *	0.7
2 years old	216	4.2 *	1.8	44.2	4.6	9.2	3.5	45.7	4.2	0.6 *	0.6
3 years old	183	12.0	3.5	57.2	4.4	8.6 *	3.0	37.4	4.4	0.6 *	0.5
4 years old	191	6.2 *	1.8	52.4	3.6	4.5 *	1.9	42.4	3.6	0.0	0.0
Total, age-adjusted	749	6.4	1.3	52.5	2.3	6.6	1.6	41.9	2.4	0.5 *	0.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Percents do not sum to 100 because some respondents took two or more supplements.

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Source: NHANES-III, 1988-94: Youth interview files.

Table D-30—Total Healthy Eating Index score: Children 2-4 years old

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Children												
2 years old	1,175	72.6	0.6	242	71.6	1.6	513	69.5	0.8	344	* 75.6	1.0
3 years old	999	71.9	0.6	181	71.8	2.3	475	70.9	0.9	272	72.7	1.0
4 years old	1,000	66.8	0.8	130	65.9	1.6	494	65.4	1.0	314	68.4	1.2
Total, age-adjusted	3,174	70.4	0.5	553	69.7	1.3	1,482	68.6	0.7	930	72.2	0.8

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.
HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. 'Total' column includes children with missing WIC participation or income.

Table D-31—Percent of 2-4-year-old children by Healthy Eating Index ratings

	Total Children				Currently Receiving WIC Benefits				Income-eligible Nonparticipants				Higher-income Nonparticipants			
	Sample size	Poor	Needs Improvement	Good	Sample size	Poor	Needs Improvement	Good	Sample size	Poor	Needs Improvement	Good	Sample size	Poor	Needs Improvement	Good
Percent distribution																
Children																
2 years old	1,175	6.5	61.2	32.2	242	9.3	60.3	30.4	513	10.4	64.9	24.7	344	2.8	58.3	38.9
3 years old	999	5.0	65.0	29.9	181	7.1	58.6	34.4	475	5.7	69.9	24.3	272	4.0	63.3	32.7
4 years old	1,000	13.0	72.1	14.9	130	23.5	57.0	19.5	494	15.0	70.9	14.1	314	9.6	75.5	14.9
Total, age-adjusted	3,174	8.2	66.2	25.6	553	13.4	58.6	28.0	1,482	10.4	68.6	21.0	930	5.5	65.8	28.7
Standard errors																
Children																
2 years old	1,175	1.0	2.0	2.2	242	2.9	3.8	3.8	513	1.8	3.1	2.8	344	1.1	3.9	4.2
3 years old	999	1.0	2.4	2.4	181	3.6	5.8	6.8	475	1.6	3.2	3.1	272	1.4	4.8	4.3
4 years old	1,000	1.9	2.5	1.8	130	5.5	7.1	5.9	494	2.8	3.9	2.4	314	2.8	3.3	2.7
Total, age-adjusted	3,174	0.9	1.5	1.4	553	3.1	3.8	3.6	1,482	1.5	2.2	1.9	930	1.2	2.3	2.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. "Total" column includes children with missing WIC participation or income.

Table D-32—Healthy Eating Index component scores and food pyramid servings for grains: Children 2-4 years old¹

	Mean HEI score				Mean # food pyramid servings				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children												
2 years old	8.2	7.9	7.9	8.6	6.3	6.2	6.1	6.7	46.9	47.6	41.8	52.0
3 years old	8.6	8.8	8.7	8.5	7.1	7.2	7.3	7.1	57.2	56.9	59.4	56.6
4 years old	6.8	7.2	6.9	6.7	5.1	5.6	5.2	5.1	19.3	25.7 *	20.1	18.0
Total, age-adjusted	7.9	8.0	7.8	8.0	6.2	6.3	6.2	6.3	41.0	43.3	40.3	42.0
Standard errors												
Children												
2 years old	0.10	0.25	0.17	0.16	0.13	0.36	0.19	0.22	2.2	5.0	3.3	3.6
3 years old	0.10	0.18	0.16	0.16	0.16	0.31	0.29	0.25	2.5	5.8	4.2	4.1
4 years old	0.13	0.25	0.21	0.21	0.13	0.30	0.17	0.20	2.3	8.3	2.8	3.2
Total, age-adjusted	0.07	0.14	0.13	0.11	0.09	0.21	0.14	0.12	1.4	4.0	2.0	1.9

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. 'Total' column includes children with missing WIC participation or income.

Table D-33—Healthy Eating Index component scores and food pyramid servings for vegetables: Children 2-4 years old¹

	Mean HEI score				Mean # food pyramid servings				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children												
2 years old	5.4	6.0	5.5	5.2	2.0	2.2	2.0	» 1.9	21.9	29.1	21.6	» 19.0
3 years old	5.4	5.8	5.8	5.0	2.1	2.2	2.3	1.8	23.7	21.8	26.7	21.4
4 years old	4.2	3.7	4.5	4.1	1.6	1.4	1.7	1.5	10.7	6.0 *	» 12.2	11.2
Total, age-adjusted	5.0	5.1	5.3	4.8	1.9	1.9	2.0	1.7	18.7	18.9	20.2	17.2
Standard errors												
Children												
2 years old	0.15	0.38	0.25	0.25	0.07	0.15	0.11	0.11	1.9	4.3	2.9	2.8
3 years old	0.22	0.50	0.30	0.34	0.10	0.22	0.14	0.16	2.4	4.8	3.7	3.2
4 years old	0.20	0.52	0.33	0.23	0.09	0.17	0.14	0.11	1.3	1.3	2.5	2.5
Total, age-adjusted	0.12	0.27	0.22	0.15	0.06	0.11	0.10	0.07	1.2	2.4	2.3	1.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. 'Total' column includes children with missing WIC participation or income.

Table D-34—Healthy Eating Index component scores and food pyramid servings for fruit: Children 2-4 years old¹

	Mean HEI score				Mean # food pyramid servings				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children												
2 years old	6.9	6.7	5.8	» 7.8	3.0	2.9	2.4	3.6	55.2	54.3	42.9	64.4
3 years old	6.5	7.1	» 5.6	7.2	2.7	3.2	» 2.1	3.2	49.0	57.8	» 41.6	52.6
4 years old	5.2	5.6	» 4.6	5.7	1.7	1.7	1.5	1.9	28.0	21.2 *	26.5	31.1
Total, age-adjusted	6.2	6.4	» 5.3	6.9	2.5	2.6	» 2.0	2.9	44.0	44.3	36.9	49.3
Standard errors												
Children												
2 years old	0.19	0.40	0.29	0.26	0.12	0.33	0.16	0.20	2.2	4.7	3.1	3.2
3 years old	0.25	0.49	0.35	0.37	0.20	0.41	0.20	0.34	3.1	5.8	4.3	4.7
4 years old	0.26	0.36	0.31	0.40	0.13	0.16	0.13	0.23	2.9	5.0	3.4	5.2
Total, age-adjusted	0.17	0.28	0.22	0.22	0.11	0.21	0.11	0.17	1.8	3.5	2.4	2.5

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. 'Total' column includes children with missing WIC participation or income.

Table D-35—Healthy Eating Index component scores and food pyramid servings for dairy: Children 2-4 years old¹

	Mean HEI score				Mean # food pyramid servings				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children												
2 years old	7.8	7.7	7.7	8.0	2.3	2.4	2.1	2.4	51.8	55.2	46.1	55.9
3 years old	7.9	7.6	7.6	* 8.3	2.4	2.3	2.3	2.5	50.3	46.8	43.5	56.1
4 years old	8.0	7.9	7.8	8.2	2.5	2.2	2.3	2.7	52.5	43.2	49.3	58.2
Total, age-adjusted	7.9	7.8	7.7	* 8.2	2.4	2.3	2.2	2.5	51.5	48.3	46.3	56.8
Standard errors												
Children												
2 years old	0.12	0.29	0.17	0.20	0.06	0.16	0.07	0.11	1.9	4.5	3.0	3.6
3 years old	0.14	0.25	0.28	0.19	0.08	0.16	0.16	0.13	2.9	4.8	4.2	4.2
4 years old	0.11	0.24	0.22	0.20	0.10	0.19	0.09	0.21	2.1	8.4	3.8	3.6
Total, age-adjusted	0.06	0.16	0.15	0.10	0.05	0.11	0.07	0.09	1.5	3.7	2.5	2.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. 'Total' column includes children with missing WIC participation or income.

Table D-36—Healthy Eating Index component scores and food pyramid servings for meat: Children 2-4 years old¹

	Mean HEI score				Mean # food pyramid servings				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children												
2 years old	6.5	7.5	7.1	>>>5.8	1.5	1.8	1.7	>>>1.3	29.8	42.0	37.6	>>>20.9
3 years old	7.0	7.7	7.3	>>6.5	1.7	2.0	1.8	1.6	35.4	39.3	42.2	29.9
4 years old	5.5	5.8	6.1	4.9	1.3	1.4	1.4	1.1	17.0	25.7 *	22.1	10.7
Total, age-adjusted	6.3	7.0	6.8	>>>5.7	1.5	1.7	1.6	>>1.3	27.4	35.6	33.9	>>20.4
Standard errors												
Children												
2 years old	0.13	0.28	0.24	0.17	0.05	0.12	0.08	0.05	1.6	4.7	2.9	2.6
3 years old	0.16	0.33	0.20	0.29	0.07	0.20	0.08	0.11	2.5	5.9	3.7	4.0
4 years old	0.16	0.70	0.19	0.21	0.05	0.21	0.06	0.07	1.8	7.8	2.6	2.6
Total, age-adjusted	0.09	0.32	0.16	0.09	0.03	0.12	0.05	0.04	1.3	4.4	2.2	1.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. 'Total' column includes children with missing WIC participation or income.

Table D-37—Healthy Eating Index component scores for variety: Children 2-4 years old¹

	Mean HEI score				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children								
2 years old	7.5	7.3	7.1	7.9	49.8	50.2	40.9	56.0
3 years old	7.4	7.6	7.3	7.4	46.6	43.9	45.4	47.9
4 years old	7.8	7.8	7.6	8.1	53.8	55.0	50.5	57.9
Total, age-adjusted	7.6	7.6	7.3	7.8	50.1	49.8	45.6	54.0
Standard errors								
Children								
2 years old	0.12	0.33	0.17	0.22	1.8	4.4	2.4	3.4
3 years old	0.18	0.36	0.24	0.33	2.5	5.6	3.8	4.8
4 years old	0.18	0.30	0.33	0.24	2.8	5.0	4.0	4.8
Total, age-adjusted	0.11	0.20	0.18	0.18	1.6	3.0	2.3	3.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. "Total" column includes children with missing WIC participation or income.

Table D-38—Healthy Eating Index component scores for total fat: Children 2-4 years old¹

	Mean HEI score				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children								
2 years old	7.0	6.5	6.4	>> 7.7	35.8	26.7	28.2	>> 45.6
3 years old	6.8	6.4	6.7	7.0	31.4	35.3	28.7	31.6
4 years old	7.2	7.1	6.8	7.6	36.8	39.7	27.5	44.9
Total, age-adjusted	7.0	6.6	6.6	> 7.4	34.7	33.9	28.1	40.8
Standard errors								
Children								
2 years old	0.14	0.39	0.21	0.20	2.1	5.2	2.9	3.7
3 years old	0.16	0.49	0.27	0.23	2.0	6.3	2.7	3.8
4 years old	0.20	0.38	0.25	0.29	3.4	6.3	4.0	5.1
Total, age-adjusted	0.11	0.31	0.17	0.14	1.5	3.7	2.4	2.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. "Total" column includes children with missing WIC participation or income.

Table D-39—Healthy Eating Index component scores for saturated fat: Children 2-4 years old¹

	Mean HEI score				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children								
2 years old	5.2	4.9	4.6	5.7	26.5	27.0	19.8	32.1
3 years old	5.0	4.7	5.1	5.0	24.5	27.0	21.4	26.7
4 years old	5.4	4.9	5.0	5.7	28.5	26.6	22.0	35.5
Total, age-adjusted	5.2	4.8	4.9	5.5	26.5	26.8	21.1	31.5
Standard errors								
Children								
2 years old	0.20	0.43	0.26	0.37	2.0	4.9	2.3	3.3
3 years old	0.20	0.56	0.30	0.33	1.6	6.0	3.0	3.2
4 years old	0.25	0.56	0.28	0.46	2.6	6.4	3.0	4.9
Total, age-adjusted	0.13	0.36	0.17	0.21	1.3	4.3	1.8	2.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. "Total" column includes children with missing WIC participation or income.

Table D-40—Healthy Eating Index component scores for cholesterol: Children 2-4 years old¹

	Mean HEI score				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children								
2 years old	9.1	8.5	8.8	>>>9.6	85.2	77.2	81.5	>>>91.2
3 years old	8.8	8.1	8.5	>>9.2	80.9	76.7	75.2	>86.4
4 years old	8.7	7.8	8.5	9.0	82.6	71.3	80.4	>87.2
Total, age-adjusted	8.9	8.1	8.6	>>>9.3	82.9	75.0	79.0	>>>88.2
Standard errors								
Children								
2 years old	0.09	0.23	0.16	0.10	1.4	2.7	2.2	2.1
3 years old	0.14	0.34	0.30	0.18	1.9	3.5	3.8	3.1
4 years old	0.17	0.70	0.19	0.24	2.0	7.7	2.3	2.9
Total, age-adjusted	0.09	0.32	0.14	0.12	1.2	3.3	1.8	1.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. "Total" column includes children with missing WIC participation or income.

Table D-41—Healthy Eating Index component scores for sodium: Children 2-4 years old¹

	Mean HEI score				Percent meeting HEI recommendations			
	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant	Total persons	Currently Receiving WIC	Income eligible non-participant	Higher income non-participant
Children								
2 years old	9.0	8.6	8.7	⁹ 9.2	69.8	65.2	62.7	75.2
3 years old	8.4	8.0	8.2	8.6	60.1	51.5	55.3	⁹ 65.0
4 years old	8.1	8.1	7.7	8.2	54.0	55.1	48.0	55.6
Total, age-adjusted	8.5	8.2	8.2	8.7	61.2	57.2	55.3	65.2
Standard errors								
Children								
2 years old	0.09	0.27	0.15	0.13	1.4	4.5	3.0	2.2
3 years old	0.16	0.27	0.29	0.24	2.6	5.7	3.8	3.9
4 years old	0.18	0.59	0.26	0.20	2.8	9.5	4.8	3.8
Total, age-adjusted	0.09	0.22	0.15	0.10	1.4	4.5	2.5	2.0

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by ⁹ (.05 level), ⁱⁱ (.01 level), or ⁱⁱⁱ (.001 level). Differences are tested in comparison to WIC participants.

¹ See Table D-30 for sample sizes.

HEI scores were not computed for children under 2 years old because dietary guidelines are not applicable to those ages.

Source: NHANES-III, 1988-94: Healthy Eating Index Data File. "Total" column includes children with missing WIC participation or income.

Table D-42—Mean percent of usual energy intake from total fat: Children 2-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
2 years old	1,175	32.8	0.24	242	33.7	0.56	513	34.0	0.41	344	***31.3	0.34
3 years old	999	33.1	0.23	181	34.3	0.80	475	33.8	0.31	272	> 32.4	0.38
4 years old	1,000	32.5	0.28	130	33.2	0.54	494	33.6	0.41	314	>> 31.3	0.38
Total, age-adjusted ...	3,174	32.8	0.17	553	33.6	0.41	1,482	33.8	0.28	930	***31.7	0.20

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or *** (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-43—Percent of 2-4-year-old children meeting Dietary Guidelines recommendation for usual intake of total fat¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
2 years old	1,175	26.0	1.88	242	19.8	3.87	513	17.2	2.59	344	***37.4	3.10
3 years old	999	21.8	1.69	181	17.5	4.32	475	13.7	1.90	272	27.3	3.12
4 years old	1,000	23.8	2.71	130	14.3	4.16	494	15.0	2.97	314	***35.4	4.27
Total, age-adjusted ...	3,174	23.9	1.24	553	17.2	2.38	1,482	15.3	1.46	930	***33.4	2.05

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or *** (.001 level). Differences are tested in comparison to WIC participants.

¹ Recommended intake of total fat is less than or equal to 30 percent of total calories.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-44—Distribution of usual intake of total fat as a percent of usual energy intake: Children 2-4 years old

	Percentiles									Standard errors of percentiles								
	5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																		
2 years old	25.6	27.2	28.3	29.9	32.8	35.7	37.2	38.2	39.8	0.32	0.29	0.27	0.26	0.24	0.23	0.24	0.24	0.26
3 years old	26.2	27.8	28.9	30.4	33.2	35.9	37.3	38.2	39.6	0.29	0.26	0.25	0.24	0.23	0.24	0.24	0.25	0.26
4 years old	26.7	28.0	28.9	30.1	32.5	34.9	36.2	37.0	38.3	0.30	0.30	0.31	0.30	0.29	0.28	0.28	0.28	0.27
Total, age-adjusted ...	26.2	27.7	28.7	30.1	32.8	35.5	36.9	37.8	39.2	0.20	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.17
Receiving WIC Benefits																		
2 years old	26.1	27.9	29.1	30.8	33.9	36.8	38.3	39.2	40.6	0.74	0.71	0.69	0.65	0.57	0.51	0.49	0.49	0.48
3 years old	27.0	28.5	29.5	31.2	34.4	37.5	38.9	39.9	41.3	0.83	0.79	0.79	0.80	0.83	0.90	1.04	1.18	1.50
4 years old	28.5	29.4	30.1	31.1	33.1	35.2	36.4	37.2	38.4	0.49	0.51	0.52	0.53	0.56	0.58	0.60	0.61	0.65
Total, age-adjusted ...	27.0	28.4	29.4	30.8	33.6	36.4	37.9	38.8	40.2	0.43	0.44	0.44	0.45	0.44	0.40	0.38	0.37	0.37
Income-eligible																		
Nonparticipant																		
2 years old	26.7	28.5	29.6	31.2	34.1	37.0	38.5	39.5	41.0	0.59	0.52	0.48	0.43	0.38	0.38	0.39	0.41	0.44
3 years old	28.0	29.3	30.2	31.5	33.8	36.2	37.4	38.3	39.5	0.35	0.32	0.31	0.30	0.31	0.34	0.36	0.37	0.40
4 years old	27.7	29.1	30.0	31.3	33.7	36.0	37.2	38.0	39.2	0.51	0.49	0.47	0.45	0.42	0.39	0.38	0.37	0.36
Total, age-adjusted ...	27.5	29.0	30.0	31.4	33.9	36.4	37.7	38.6	39.9	0.36	0.33	0.32	0.30	0.28	0.28	0.28	0.28	0.28
Higher-income																		
Nonparticipant																		
2 years old	24.8	26.2	27.2	» 28.6	»» 31.3	»»» 34.0	»»» 35.5	»»» 36.5	»»» 38.0	0.41	0.36	0.35	0.33	0.33	0.35	0.36	0.37	0.40
3 years old	25.1	26.9	28.0	» 29.7	32.6	35.4	36.8	37.7	39.1	0.48	0.46	0.45	0.43	0.39	0.36	0.36	0.36	0.38
4 years old	»» 25.8	» 27.0	» 27.8	» 29.0	31.3	33.6	34.9	35.8	37.1	0.39	0.38	0.38	0.38	0.39	0.42	0.43	0.44	0.46
Total, age-adjusted ...	» 25.2	» 26.6	» 27.6	» 29.1	» 31.7	»» 34.4	»» 35.8	»» 36.7	»» 38.1	0.21	0.20	0.20	0.20	0.21	0.22	0.22	0.23	0.25

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants. The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 Total column includes children with missing WIC participation or income.

Table D-45—Mean percent of usual energy intake from saturated fat: Children 2-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
2 years old	1,175	12.6	0.13	242	12.9	0.30	513	13.1	0.18	344	› 12.0	0.20
3 years old	999	12.5	0.12	181	12.9	0.38	475	12.5	0.15	272	› 12.3	0.18
4 years old	1,000	12.3	0.14	130	12.9	0.31	494	12.7	0.16	314	›› 11.8	0.24
Total, age-adjusted ...	3,174	12.5	0.08	553	12.9	0.21	1,482	12.8	0.11	930	››› 12.1	0.11

Notes: Significant differences in means and proportions are noted by › (.05 level), ›› (.01 level), or ››› (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
'Total' column includes children with missing WIC participation or income.

Table D-46—Percent of 2-4-year-old children meeting Dietary Guidelines recommendation for usual intake of saturated fat¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
2 years old	1,175	13.6	1.21	242	8.5	2.24	513	8.7	1.55	344	››› 20.6	2.31
3 years old	999	11.4	1.13	181	8.2	2.71	475	7.9	1.16	272	› 14.8	1.91
4 years old	1,000	9.1	1.48	130	2.4	1.31	494	4.2	0.96	314	››› 15.5	3.40
Total, age-adjusted ...	3,174	11.3	0.74	553	6.4	1.25	1,482	6.9	0.72	930	››› 17.0	1.52

Notes: Significant differences in means and proportions are noted by › (.05 level), ›› (.01 level), or ››› (.001 level). Differences are tested in comparison to WIC participants.

¹ Recommended intake of saturated fat is less than 10 percent of total calories.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
'Total' column includes children with missing WIC participation or income.

Table D-47—Distribution of usual intake of saturated fat as a percent of usual energy intake: Children 2-4 years old

	Percentiles									Standard errors of percentiles								
	5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																		
2 years old	8.8	9.6	10.1	10.9	12.5	14.1	15.0	15.6	16.5	0.13	0.13	0.12	0.12	0.13	0.14	0.15	0.16	0.17
3 years old	9.1	9.8	10.4	11.1	12.5	13.9	14.7	15.2	15.9	0.13	0.12	0.12	0.12	0.12	0.13	0.14	0.14	0.15
4 years old	9.5	10.1	10.5	11.1	12.2	13.4	14.1	14.5	15.2	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15
Total, age-adjusted ...	9.2	9.9	10.4	11.1	12.4	13.8	14.6	15.1	15.9	0.08	0.08	0.08	0.07	0.07	0.08	0.08	0.08	0.09
Receiving WIC Benefits																		
2 years old	9.5	10.2	10.7	11.4	12.8	14.3	15.1	15.6	16.5	0.26	0.27	0.28	0.29	0.31	0.34	0.34	0.35	0.34
3 years old	9.5	10.2	10.7	11.4	12.8	14.3	15.1	15.6	16.4	0.38	0.36	0.36	0.35	0.37	0.43	0.49	0.56	0.68
4 years old	10.4	10.9	11.3	11.8	12.8	13.9	14.4	14.8	15.4	0.30	0.32	0.33	0.34	0.33	0.31	0.31	0.31	0.32
Total, age-adjusted ...	9.8	10.5	10.9	11.6	12.9	14.2	14.9	15.4	16.1	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.24
Income-eligible																		
Nonparticipant																		
2 years old	9.4	10.2	10.7	11.5	13.1	14.7	15.5	16.1	17.0	0.24	0.21	0.20	0.18	0.17	0.19	0.21	0.23	0.25
3 years old	9.6	10.2	10.7	11.3	12.5	13.7	14.4	14.9	15.6	0.15	0.14	0.14	0.14	0.15	0.17	0.18	0.20	0.22
4 years old	10.1	10.7	11.0	11.6	12.6	13.7	14.3	14.7	15.3	0.15	0.15	0.15	0.15	0.17	0.18	0.19	0.19	0.20
Total, age-adjusted ...	9.7	10.4	10.8	11.5	12.7	14.0	14.7	15.2	16.0	0.13	0.12	0.11	0.11	0.10	0.11	0.12	0.12	0.13
Higher-income																		
Nonparticipant																		
2 years old	>>>8.2	>>9.0	>>9.5	>10.3	11.9	13.6	14.5	15.2	16.2	0.20	0.19	0.19	0.19	0.21	0.23	0.24	0.24	0.26
3 years old	8.6	9.4	10.0	10.9	12.4	13.9	14.7	15.2	16.0	0.22	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19
4 years old	>>>9.0	>>9.6	>>10.0	>10.6	11.8	13.0	13.7	14.1	14.8	0.21	0.22	0.22	0.23	0.25	0.25	0.25	0.25	0.25
Total, age-adjusted ...	>>>8.6	>>>9.3	>>>9.9	>>>10.6	>>12.0	>13.5	14.3	14.8	15.6	0.12	0.11	0.11	0.11	0.11	0.12	0.13	0.13	0.13

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants. The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using C-SIDE: Software for Intake Distribution Estimation, accounting for within-person variance as estimated from the Continuing Survey of Food Intakes by Individuals (CSFII). "Total" column includes children with missing WIC participation or income.

Table D-48—Mean usual intake of cholesterol in milligrams: Children 2-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
2 years old	1,175	176	3.7	242	221	7.0	513	» 195	5.9	344	»» 145	4.2
3 years old	999	196	4.2	181	228	11.7	475	216	5.5	272	»» 171	6.1
4 years old	1,000	202	5.4	130	240	17.3	494	214	7.6	314	» 183	8.1
Total, age-adjusted ...	3,174	191	2.9	553	231	8.1	1,482	» 208	4.6	930	»» 166	4.1

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-49—Percent of 2-4-year-old children meeting Dietary Guidelines recommendation for usual intake of cholesterol¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
2 years old	1,175	95.1	0.7	242	85.4	2.3	513	» 92.8	1.5	344	99.2	0.3
3 years old	999	90.3	1.1	181	82.4	4.0	475	83.9	1.9	272	»» 97.0	0.9
4 years old	1,000	89.0	1.5	130	79.6	7.2	494	87.4	2.3	314	92.4	1.8
Total, age-adjusted ...	3,174	91.4	0.6	553	82.4	2.9	1,482	88.0	1.1	930	»» 96.2	0.7

Notes: Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ National Research Council's Diet and Health recommendation for intake of cholesterol is less than or equal to 300 milligrams.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-50—Distribution of usual intake of cholesterol in milligrams: Children 2-4 years old

	Percentiles									Standard errors of percentiles								
	5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																		
2 years old	87	101	111	128	165	212	242	264	299	2.09	2.21	2.35	2.67	3.72	4.62	5.14	5.64	6.54
3 years old	95	110	121	140	184	239	274	298	337	2.60	2.80	2.98	3.35	4.30	5.32	5.88	6.25	6.84
4 years old	98	114	126	145	189	244	279	306	350	3.02	3.27	3.48	3.85	4.92	6.97	8.29	9.21	10.60
Total, age-adjusted ...	93	108	120	138	179	231	265	290	330	1.48	1.61	1.74	2.02	2.77	3.70	4.33	4.83	5.65
Receiving WIC Benefits																		
2 years old	117	133	145	166	211	265	299	322	360	4.58	4.99	5.31	5.78	6.76	8.49	9.91	11.10	13.20
3 years old	118	135	148	169	216	275	311	338	380	7.01	7.95	8.54	9.45	11.50	14.30	16.20	17.50	19.60
4 years old	134	151	164	185	230	286	320	345	382	8.58	9.77	10.80	12.70	17.30	22.50	24.80	26.20	27.40
Total, age-adjusted ...	121	139	152	173	220	278	313	338	378	4.08	4.74	5.22	6.02	7.91	10.30	11.70	12.60	13.80
Income-eligible																		
Nonparticipant																		
2 years old	103	118	129	146	185	233	262	283	318	3.56	3.87	4.11	4.55	5.59	7.22	8.34	9.19	10.60
3 years old	100	117	131	153	205	268	305	330	370	2.83	3.18	3.53	4.21	5.89	7.33	8.03	8.51	9.40
4 years old	110	127	140	160	204	257	290	314	353	4.87	5.35	5.69	6.11	7.09	8.89	10.30	11.30	13.00
Total, age-adjusted ...	103	120	132	152	197	252	286	311	351	2.54	2.85	3.12	3.61	4.68	5.68	6.25	6.69	7.42
Higher-income																		
Nonparticipant																		
2 years old	75	86	95	108	138	174	196	212	238	2.99	3.07	3.13	3.27	3.92	5.26	6.19	6.91	8.13
3 years old	91	104	113	129	163	204	230	249	279	3.98	4.22	4.43	4.87	6.16	7.79	8.72	9.36	10.30
4 years old	88	102	113	130	168	220	254	282	329	3.84	4.12	4.46	5.22	7.37	10.60	13.00	15.00	18.90
Total, age-adjusted ...	84	97	107	122	156	200	228	249	283	1.73	1.89	2.04	2.39	3.52	5.39	6.73	7.79	9.60

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants. The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using C-SIDE: Software for Intake Distribution Estimation, accounting for within-person variance as estimated from the Continuing Survey of Food Intakes by Individuals (CSFII).
 Total column includes children with missing WIC participation or income.

Table D-51—Mean usual intake of sodium in milligrams: Children 2-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
2 years old	1,175	2,147	21.8	242	2,334	79.2	513	2,197	43.7	344	[»] 2,068	40.1
3 years old	999	2,373	37.0	181	2,644	65.8	475	[»] 2,453	53.9	272	^{»»} 2,265	52.3
4 years old	1,000	2,567	45.3	130	2,596	121.3	494	2,720	69.1	314	2,501	56.4
Total, age-adjusted ...	3,174	2,362	20.7	553	2,513	56.4	1,482	2,460	37.3	930	^{»»} 2,277	24.0

Notes: Significant differences in means and proportions are noted by [»] (.05 level), [»] (.01 level), or ^{»»} (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-52—Percent of 2-4-year-old children meeting Dietary Guidelines recommendation for usual intake of sodium¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
2 years old	1,175	70.2	1.4	242	59.7	5.0	513	64.5	2.6	344	[»] 76.8	2.6
3 years old	999	55.8	2.4	181	42.3	3.4	475	50.1	3.4	272	^{»»} 62.9	3.7
4 years old	1,000	43.9	2.8	130	40.8	8.6	494	35.0	3.9	314	47.4	3.8
Total, age-adjusted ...	3,174	56.6	1.3	553	47.5	3.5	1,482	49.8	1.9	930	^{»»} 62.3	2.0

Notes: Significant differences in means and proportions are noted by [»] (.05 level), [»] (.01 level), or ^{»»} (.001 level). Differences are tested in comparison to WIC participants.

¹ National Research Council's Diet and Health recommendation for intake of sodium is less than or equal to 2400 milligrams.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-53—Distribution of usual sodium intake in milligrams: Children 2-4 years old

	Percentiles									Standard errors of percentiles								
	5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																		
2 years old	1,299	1,450	1,559	1,733	2,089	2,491	2,732	2,910	3,199	17.00	16.40	16.50	17.30	20.40	27.00	33.10	38.40	48.40
3 years old	1,472	1,637	1,754	1,936	2,311	2,745	3,006	3,194	3,488	27.90	28.00	28.60	30.40	35.70	42.80	49.10	54.60	64.60
4 years old	1,640	1,808	1,926	2,110	2,493	2,945	3,222	3,425	3,749	32.60	33.60	34.60	37.10	45.30	54.40	59.70	64.10	72.10
Total, age-adjusted ...	1,444	1,611	1,728	1,911	2,289	2,733	3,005	3,206	3,529	15.30	15.40	15.70	16.50	19.40	24.70	28.90	32.50	39.20
Receiving WIC Benefits																		
2 years old	1,453	1,606	1,715	1,888	2,251	2,687	2,961	3,164	3,497	52.50	54.10	55.00	58.20	73.50	98.40	118.00	134.00	163.00
3 years old	1,687	1,841	1,951	2,127	2,525	3,032	3,355	3,598	4,001	44.60	43.50	43.50	46.00	58.30	79.40	105.00	130.00	182.00
4 years old	1,874	1,989	2,073	2,209	2,515	2,902	3,144	3,319	3,594	54.10	64.80	73.20	87.30	118.00	154.00	175.00	189.00	210.00
Total, age-adjusted ...	1,614	1,766	1,874	2,044	2,412	2,874	3,171	3,393	3,755	26.50	28.70	31.50	37.60	53.00	71.50	86.10	98.70	123.00
Income-eligible																		
Nonparticipant																		
2 years old	***1,183	**1,370	*1,505	1,715	2,144	2,621	2,896	3,091	3,391	37.50	37.00	37.50	39.30	44.50	52.40	58.20	62.70	70.80
3 years old	1,520	1,694	1,817	2,007	2,398	2,844	3,105	3,290	3,573	45.90	44.30	44.30	45.50	51.60	65.60	75.50	82.50	92.30
4 years old	1,701	1,888	2,020	2,226	2,647	3,132	3,426	3,642	3,988	64.60	63.70	63.70	64.70	68.70	77.00	84.00	89.80	99.60
Total, age-adjusted ...	**1,453	*1,638	1,769	1,972	2,390	2,873	3,164	3,374	3,708	33.40	33.00	32.90	33.30	36.50	43.20	48.00	51.80	57.90
Higher-income																		
Nonparticipant																		
2 years old	1,334	1,464	1,557	*1,704	*2,011	*2,366	*2,583	*2,742	2,998	25.90	26.20	27.10	29.90	38.70	46.60	55.30	64.20	82.50
3 years old	***1,425	***1,584	***1,695	***1,867	***2,214	***2,607	***2,842	**3,011	**3,280	39.40	39.90	40.70	42.70	50.40	64.20	74.20	81.90	94.70
4 years old	**1,605	1,772	1,889	2,070	2,437	2,861	3,119	3,310	3,617	44.40	44.30	45.40	47.90	55.00	66.20	75.10	82.70	97.10
Total, age-adjusted ...	***1,427	***1,582	***1,691	***1,861	**2,211	**2,621	*2,871	*3,056	*3,352	17.60	17.90	18.60	20.00	23.80	29.60	34.50	39.40	49.30

Notes: Significant differences in means and proportions are noted by * (.05 level), ** (.01 level), or *** (.001 level). Differences are tested in comparison to WIC participants. The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using C-SIDE: Software for Intake Distribution Estimation, accounting for within-person variance as estimated from the Continuing Survey of Food Intakes by Individuals (CSFII). "Total" column includes children with missing WIC participation or income.

Table D-54—Percent of 2-4-year-old children using table salt

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Ordinary salt	Sample size	Percent	Ordinary salt	Sample size	Percent	Ordinary salt	Sample size	Percent	Ordinary salt
Children												
2 years old	1,159	23.9	2.2	238	37.1	5.0	503	» 25.9	3.1	342	»» 19.0	3.0
3 years old	989	28.8	2.7	180	27.2	5.6	469	31.5	3.6	269	28.9	4.6
4 years old	988	29.5	2.7	128	26.0	5.8	486	29.1	3.9	313	31.1	3.9
Total, age-adjusted	3,136	27.4	1.6	546	30.1	3.6	1,458	28.8	2.4	924	26.4	2.5

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Exam file, 24-hour dietary recall. 'Total' column includes children with missing WIC participation or income.

Table D-55—Mean usual intake of dietary fiber in grams: Children 2-4 years old

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error	Sample size	Mean	Standard error
Children												
2 years old	1,175	10.0	0.14	242	10.5	0.40	513	⁂ 9.6	0.18	344	10.5	0.23
3 years old	999	10.2	0.20	181	10.9	0.61	475	10.2	0.35	272	9.9	0.22
4 years old	1,000	11.2	0.23	130	10.3	0.45	494	⁂⁂ 12.0	0.31	314	10.8	0.34
Total, age-adjusted ...	3,174	10.5	0.11	553	10.6	0.32	1,482	10.6	0.19	930	10.4	0.16

Notes: Significant differences in means and proportions are noted by ⁂ (.05 level), ⁂⁂ (.01 level), or ⁂⁂⁂ (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-56—Percent of 2-4-year-old children with usual intake of dietary fiber at or above reference standard¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Children												
2 years old	1,175	81.1	1.12	242	83.6	2.82	513	⁂ 76.0	1.56	344	86.5	1.59
3 years old	999	76.2	1.83	181	79.4	3.77	475	78.9	3.39	272	76.2	2.65
4 years old	1,000	72.9	2.26	130	65.2	6.79	494	⁂ 80.1	2.67	314	70.1	3.43
Total, age-adjusted ...	3,174	76.7	1.04	553	76.0	2.77	1,482	78.4	1.53	930	77.6	1.55

Notes: Significant differences in means and proportions are noted by ⁂ (.05 level), ⁂⁂ (.01 level), or ⁂⁂⁂ (.001 level). Differences are tested in comparison to WIC participants.

¹ Recommended fiber intake (in gm) is equivalent to age in years plus five

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.
 'Total' column includes children with missing WIC participation or income.

Table D-57—Distribution of usual dietary fiber intake in grams: Children 2-4 years old

	Std ¹ (g/dy)	Percentiles									Standard errors of percentiles								
		5th	10th	15th	25th	50th	75th	85th	90th	95th	5th	10th	15th	25th	50th	75th	85th	90th	95th
Total Children																			
1 year old	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 years old	7.0	5.2	6.0	6.6	7.6	9.6	12.0	13.5	14.6	16.4	0.09	0.10	0.11	0.12	0.15	0.18	0.20	0.21	0.24
3 years old	8.0	6.0	6.7	7.3	8.1	9.9	11.9	13.1	13.9	15.3	0.14	0.13	0.13	0.14	0.18	0.26	0.30	0.33	0.40
4 years old	9.0	6.2	7.1	7.8	8.8	10.9	13.2	14.5	15.6	17.1	0.17	0.18	0.19	0.20	0.23	0.28	0.31	0.33	0.36
Total, age-adjusted ...	na	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Receiving WIC Benefits																			
1 year old	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 years old	7.0	5.3	6.2	6.8	7.9	10.1	12.8	14.4	15.5	17.2	0.29	0.30	0.31	0.33	0.40	0.51	0.57	0.60	0.64
3 years old	8.0	6.1	6.9	7.5	8.4	10.4	12.9	14.4	15.5	17.4	0.29	0.30	0.32	0.36	0.53	0.79	1.00	1.19	1.56
4 years old	9.0	6.2	6.9	7.5	8.3	10.0	12.0	13.2	14.1	15.5	0.42	0.44	0.45	0.46	0.46	0.50	0.54	0.58	0.65
Total, age-adjusted ...	na	5.7	6.6	7.2	8.1	10.2	12.5	14.0	15.1	16.8	0.20	0.22	0.22	0.24	0.30	0.41	0.49	0.56	0.68
Income-eligible Nonparticipant																			
1 year old	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 years old	7.0	4.8	5.6	6.2	7.1	9.1	11.5	13.1	14.2	16.1	0.14	0.14	0.14	0.14	0.16	0.24	0.29	0.34	0.41
3 years old	8.0	6.2	7.0	7.5	8.3	10.0	11.8	12.9	13.6	14.8	0.22	0.22	0.23	0.26	0.35	0.44	0.50	0.55	0.63
4 years old	9.0	6.9	7.8	8.5	9.5	11.7	14.2	15.6	16.7	18.3	0.28	0.28	0.28	0.29	0.32	0.35	0.38	0.40	0.42
Total, age-adjusted ...	na	5.9	6.7	7.3	8.3	10.3	12.6	14.0	15.0	16.6	0.15	0.14	0.15	0.15	0.19	0.24	0.27	0.30	0.34
Higher-income Nonparticipant																			
1 year old	6.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 years old	7.0	5.8	6.6	7.2	8.1	10.1	12.4	13.8	14.8	16.4	0.18	0.18	0.19	0.20	0.23	0.28	0.31	0.33	0.38
3 years old	8.0	6.0	6.8	7.3	8.1	9.7	11.5	12.6	13.4	14.6	0.21	0.20	0.19	0.19	0.21	0.25	0.28	0.30	0.36
4 years old	9.0	6.1	7.0	7.6	8.6	10.6	12.9	14.1	15.0	16.4	0.24	0.26	0.27	0.29	0.34	0.41	0.45	0.48	0.50
Total, age-adjusted ...	na	5.9	6.7	7.3	8.2	10.2	12.3	13.6	14.5	16.0	0.12	0.13	0.14	0.15	0.16	0.19	0.21	0.23	0.26

Notes: Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

The Bonferroni adjustment was used to adjust levels of significant and control for multiplicity in the number of tests.

¹ Recommended fiber intake (in gm) is equivalent to age in years plus five

— Estimate of usual intake could not be obtained for the age group cell. The cell was pooled with a neighboring age group to determine its contribution to the 'Total, age-adjusted' row.

na Fiber standard is specific to year of age and is not shown for the pooled age group.

Source: NHANES-III, 1988-94 Exam file, 24-hour dietary recall. Data reflect nutrient intake from foods. Does not include the contribution of vitamin and mineral supplements. Usual intake was estimated using *C-SIDE: Software for Intake Distribution Estimation*, accounting for within-person variance as estimated from the *Continuing Survey of Food Intakes by Individuals (CSFII)*.

'Total' column includes children with missing WIC participation or income.

Table D-58—Percent of infants and children ever breastfed

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Infants	1,961	55.4	2.3	787	38.8	2.8	348	>>>51.4	2.5	731	>>>70.6	2.4
Children												
1 year old	1,256	54.3	2.4	419	37.4	3.7	391	> 47.5	3.4	355	>>>68.2	2.6
2 years old	1,268	53.3	1.8	253	41.4	4.8	545	44.2	2.6	386	>>>63.8	2.6
3 years old	1,114	54.2	2.8	200	40.4	5.7	509	44.2	4.2	325	>>>69.0	2.9
4 years old	1,096	53.6	1.9	136	45.2	8.8	546	41.8	3.9	342	> 65.3	3.3
All children	4,734	53.9	1.4	1,008	41.1	3.3	1,991	44.4	2.2	1,408	>>>66.6	1.6
Total, age-adjusted	6,695	54.2	1.5	1,795	40.6	2.9	2,339	45.8	2.0	2,139	>>>67.4	1.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-59—Percent of infants and children breastfed for at least 6 months, among those ever breastfed: Ages 7 months and older

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Infants	512	38.5	3.2	141	31.3	5.6	97	38.7	5.0	246	> 42.4	4.0
Children												
1 year old	578	41.3	3.2	152	31.4	6.1	157	34.4	6.3	224	> 46.8	4.5
2 years old	594	39.6	2.5	95	39.1	6.8	214	31.8	4.4	239	44.1	3.1
3 years old	494	46.0	3.0	69	57.9	8.7	192	48.5	5.8	201	43.4	3.9
4 years old	492	41.4	3.8	48	30.1 *	7.4	212	41.6	5.6	200	42.7	4.7
All children	2,158	42.1	1.9	364	39.6	4.1	775	39.1	3.0	864	44.2	2.7
Total, age-adjusted	2,670	41.4	1.8	505	37.9	3.6	872	39.0	2.6	1,110	43.9	2.5

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-60—Percent of children breastfed for at least one year, among those ever breastfed

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Children												
1 year old	578	13.7	2.2	152	14.0	4.6	157	7.9 *	3.2	224	16.7	3.6
2 years old	594	17.5	1.9	95	21.2	5.0	214	14.2	3.2	239	18.5	2.8
3 years old	494	16.5	3.0	69	26.8 *	9.9	192	16.5	3.9	201	15.0	4.4
4 years old	492	16.2	2.1	48	2.6 *	1.9	212	>>> 17.6	4.0	200	>>> 17.2	3.0
Total, age-adjusted	2,158	16.0	1.4	364	16.1	3.0	775	14.0	1.8	864	16.8	2.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-61—Mean duration of breastfeeding among children ever breastfed¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number Breastfed	Mean Duration (weeks)	Standard Error	Number Breastfed	Mean Duration (weeks)	Standard Error	Number Breastfed	Mean Duration (weeks)	Standard Error	Number Breastfed	Mean Duration (weeks)	Standard Error
Children												
1 year old	578	22.9	1.4	152	20.9	2.4	157	18.3	2.1	224	25.4	2.1
2 years old	592	25.7	1.3	94	25.6	3.4	213	21.7	2.2	239	28.0	1.9
3 years old	489	29.1	2.1	68	33.3 *	6.1	190	28.8	3.6	199	28.8	2.8
4 years old	487	25.8	1.9	47	17.3 *	2.9	209	25.2	2.5	199	>> 26.7	2.6
Total, age-adjusted	2,146	25.9	1.0	361	24.2	2.3	769	23.5	1.3	861	27.2	1.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Mean duration of breastfeeding is not shown for infants under 1 year old because estimates are biased by the large percent still breastfeeding.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-62—Percent of breastfed infants and children who were never fed formula

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number Breastfed	Percent	Standard Error	Number Breastfed	Percent	Standard Error	Number Breastfed	Percent	Standard Error	Number Breastfed	Percent	Standard Error
Infants	1,015	18.6	1.7	294	9.3	1.9	174	^{>>} 19.0	2.8	491	^{>>>} 22.0	2.4
Children												
1 year old	575	14.4	1.9	151	9.7 *	3.5	157	10.0 *	3.4	222	18.3	3.5
2 years old	591	16.3	2.0	93	13.3 *	3.6	213	14.4	2.9	239	17.6	3.0
3 years old	490	20.7	3.0	69	29.6 *	9.6	189	21.1	6.0	200	19.3	4.0
4 years old	483	15.0	2.2	47	2.1 *	1.8	209	^{>} 16.4	4.6	197	^{>>>} 15.1	2.9
All children	2,139	16.6	1.2	360	13.6	2.6	768	15.5	1.8	858	17.6	1.9
Total, age-adjusted	3,154	17.0	1.0	654	12.8	2.3	942	16.2	1.6	1,349	^{>} 18.4	1.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by [>] (.05 level), ^{>>} (.01 level), or ^{>>>} (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-63—Mean age when first fed formula on a daily basis, among breastfed infants and children

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number Fed Formula	Mean Age (weeks)	Standard Error	Number Fed Formula	Mean Age (weeks)	Standard Error	Number Fed Formula	Mean Age (weeks)	Standard Error	Number Fed Formula	Mean Age (weeks)	Standard Error
Infants	844	7.9	0.4	264	6.6	0.7	143	6.5	0.8	394	^{>>} 9.1	0.5
Children												
1 year old	502	12.3	0.8	134	10.8	1.7	139	11.8	1.4	189	12.9	1.2
2 years old	498	13.2	0.9	81	12.7	2.3	179	9.4	1.0	200	15.3	1.2
3 years old	402	13.3	0.9	55	12.1	1.9	156	12.6	1.3	166	14.0	1.2
4 years old	409	12.5	1.2	45	11.3 *	1.8	177	13.0	2.7	163	12.4	1.4
All children	1,811	12.8	0.5	315	11.7	0.9	651	11.7	0.8	718	13.6	0.7
Total, age-adjusted	2,655	11.8	0.4	579	10.7	0.8	794	10.7	0.7	1,112	^{>} 12.7	0.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by [>] (.05 level), ^{>>} (.01 level), or ^{>>>} (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-64—Percent of infants and children fed cow's milk on a daily basis before 12 months of age

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Infants	1,961	17.1	0.9	787	11.4	1.2	348	***26.8	2.8	731	***17.5	1.2
Children												
1 year old	1,258	45.9	2.2	419	32.4	3.1	391	***54.1	3.4	357	**48.7	4.1
2 years old	1,269	38.6	2.0	253	31.4	4.1	545	*43.7	2.7	387	37.7	3.5
3 years old	1,119	40.1	2.6	201	26.5	6.2	513	**42.6	4.8	325	40.4	3.4
4 years old	1,098	38.8	3.1	137	33.6	9.0	547	43.3	3.5	342	36.9	3.7
All children	4,744	40.9	1.4	1,010	31.0	2.6	1,996	***45.9	2.1	1,411	**40.9	2.4
Total, age-adjusted	6,705	36.1	1.2	1,797	27.0	2.1	2,344	***42.1	1.8	2,142	**36.2	2.0

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-65—Mean age when first fed cow's milk on a daily basis: Ages 7 months and older^{1,2}

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number Drinking Milk	Mean Age (weeks)	Standard Error	Number Drinking Milk	Mean Age (weeks)	Standard Error	Number Drinking Milk	Mean Age (weeks)	Standard Error	Number Drinking Milk	Mean Age (weeks)	Standard Error
Infants	353	32.1	0.6	95	32.5	1.4	100	30.2	1.1	134	33.0	1.0
Children												
1 year old	1,188	46.0	0.4	392	47.8	0.6	370	***44.2	0.8	335	46.5	0.7
2 years old	1,225	48.2	0.6	246	49.5	1.5	532	46.2	0.9	368	49.5	1.1
3 years old	1,089	48.2	0.9	194	48.9	1.4	502	48.2	1.6	314	48.7	1.3
4 years old	1,057	49.2	1.2	131	50.0	4.2	529	47.9	1.0	330	49.8	1.7
All children	4,559	47.9	0.5	963	49.0	1.3	1,933	46.6	0.6	1,347	48.6	0.8
Total, age-adjusted	4,912	44.7	0.4	1,058	45.7	1.0	2,033	*43.3	0.5	1,481	45.5	0.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Estimates of mean age for infants under 1 year old may be biased by the large percent of infants not yet drinking cow's milk.

² Table excludes infants not reported to have been fed cow's milk on a daily.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-66—Percent of infants and children who ever used a baby bottle

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Infants	1,961	95.9	0.6	787	98.8 *	0.4	348	» 93.1	1.9	731	»» 94.8	0.9
Children												
1 year old	1,258	96.6	0.8	419	99.1 *	0.5	391	98.5 *	0.8	357	» 93.7	1.9
2 years old	1,269	96.4	0.6	253	96.6 *	1.7	545	97.1 *	0.7	387	95.6 *	1.2
3 years old	1,117	94.7	1.5	201	91.9 *	4.6	511	94.8	1.7	325	95.1 *	1.9
4 years old	1,098	96.4	0.8	137	94.6 *	4.5	547	96.8 *	1.1	342	96.2 *	1.0
All children	4,742	96.0	0.5	1,010	95.6	1.5	1,994	96.8	0.6	1,411	95.1	1.0
Total, age-adjusted	6,703	96.0	0.5	1,797	96.2	1.2	2,342	96.1	0.6	2,142	95.1	0.9

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-67—Percent of infants and children still using a baby bottle

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Infants	1,960	94.5	0.8	787	98.3 *	0.5	347	» 91.3	2.3	731	»» 92.6	1.2
Children												
1 year old	1,258	60.5	2.7	419	67.3	2.9	391	67.8	3.9	357	»» 50.0	4.0
2 years old	1,264	22.9	1.7	252	28.3	4.4	544	26.4	2.3	384	» 16.6	2.3
3 years old	1,113	8.5	1.9	201	11.7 *	3.4	508	11.2	3.4	324	» 5.0 *	1.7
4 years old	1,088	4.0	1.2	134	6.5 *	1.8	542	5.5	2.1	340	» 1.5 *	1.0
All children	4,723	24.0	1.3	1,006	28.4	1.8	1,985	27.7	1.9	1,405	»» 18.3	1.5
Total, age-adjusted	6,683	38.2	1.1	1,793	42.5	1.4	2,332	40.5	1.5	2,136	»» 33.2	1.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-68—Percent of children who stopped using a baby bottle before 1 year of age¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Children												
1 year old	1,143	9.3	1.1	378	8.8	1.8	358	10.3	1.8	321	9.6	1.9
2 years old	1,216	12.0	1.3	244	12.1	2.8	527	12.2	2.1	367	12.8	2.1
3 years old	1,072	13.2	1.8	193	13.8	4.6	492	10.6	2.8	312	15.7	3.2
4 years old	1,050	13.3	1.8	132	10.1 *	2.4	524	17.2	3.2	325	10.9	2.4
Total, age-adjusted	4,481	12.0	0.9	947	11.2	1.5	1,901	12.6	1.2	1,325	12.2	1.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Sample for table includes children who ever used a bottle.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-69—Mean age when stopped using a baby bottle¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Mean age (mos)	Standard Error	Number	Mean age (mos)	Standard Error	Number	Mean age (mos)	Standard Error	Number	Mean age (mos)	Standard Error
Children												
1 year old	386	13.5	0.3	113	14.5	1.1	113	13.7	0.9	141	13.1	0.3
2 years old	888	15.8	0.4	181	15.4	0.5	370	15.8	0.4	296	16.0	0.8
3 years old	959	17.7	0.4	170	16.7	0.8	434	17.6	0.7	293	18.0	0.7
4 years old	1,007	18.0	0.6	122	16.0	1.1	498	17.5	0.6	320	18.4	1.0
Total, age-adjusted	3,240	16.3	0.3	586	15.6	0.5	1,415	16.1	0.4	1,050	16.4	0.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Sample for table includes children who ever used a bottle, were not still using a bottle, and reported age when stopped.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-70—Percent of infants and children fed solid foods on a daily basis before 4 months of age

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error	Number	Percent	Standard Error
Infants	1,961	26.9	1.2	787	27.0	2.0	348	28.2	2.0	731	26.2	1.6
Children												
1 year old	1,258	22.1	2.0	419	19.8	2.7	391	26.2	2.9	357	20.9	3.1
2 years old	1,269	21.5	1.8	253	19.7	3.6	545	24.0	2.1	387	18.9	3.0
3 years old	1,119	23.8	2.4	201	15.5	4.3	513	23.1	3.4	325	26.0	3.2
4 years old	1,098	21.0	1.6	137	18.2	5.5	547	19.7	2.1	342	22.4	2.2
All children	4,744	22.1	1.2	1,010	18.3	2.3	1,996	23.2	1.6	1,411	22.0	1.4
Total, age-adjusted	6,705	23.1	1.1	1,797	20.0	2.0	2,344	24.2	1.5	2,142	22.9	1.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-71—Mean age when first fed solid foods on a daily basis¹

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Number Fed Solids	Mean Age (mos)	Standard Error	Number Fed Solids	Mean Age (mos)	Standard Error	Number Fed Solids	Mean Age (mos)	Standard Error	Number Fed Solids	Mean Age (mos)	Standard Error
Infants	1,546	4.1	0.1	596	4.1	0.1	277	4.4	0.2	596	4.0	0.1
Children												
1 year old	1,247	5.5	0.1	415	6.0	0.2	390	5.6	0.2	352	>> 5.3	0.1
2 years old	1,258	6.0	0.1	249	6.3	0.4	542	6.2	0.2	386	5.7	0.2
3 years old	1,102	6.0	0.2	197	6.5	0.2	506	6.4	0.3	320	>>> 5.4	0.2
4 years old	1,081	6.0	0.2	131	6.5	0.6	539	6.1	0.2	339	5.7	0.2
All children	4,688	5.9	0.1	992	6.3	0.2	1,977	6.1	0.2	1,397	>>> 5.5	0.1
Total, age-adjusted	6,234	5.5	0.1	1,588	5.9	0.2	2,254	5.7	0.1	1,993	>>> 5.2	0.1

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Estimates of mean age for infants under 1 year old may be biased by the large percent of infants not yet eating solid foods.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-72—Physical activity reported by pregnant and postpartum women for past month

	Total Pregnant and Postpartum Women			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Percent of pregnant and postpartum women:												
Walked a mile or more in past month without stopping	630	51.0	3.5	165	49.0	7.2	233	47.7	6.4	181	53.6	5.1
Exercised at least 3 times per week	630	39.7	4.2	165	27.1	6.4	233	34.2	7.1	181	» 44.9	5.3
Exercised at least 5 times per week	630	26.4	3.0	165	14.8	3.9	233	14.7	3.4	181	»» 33.5	4.1
Number of different physical activities in the past month ¹												
None	630	19.5	2.7	165	20.2	3.6	233	29.3	4.5	181	12.9	3.4
One	630	28.5	3.4	165	30.6	6.6	233	22.9	4.6	181	32.8	4.5
Two	630	17.6	2.9	165	21.0	4.9	233	19.3	5.1	181	15.3	3.7
Three or more	630	34.3	3.7	165	28.0	7.6	233	28.5	7.0	181	39.0	5.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ The Bonferroni adjustment was used to adjust for the multiplicity of tests when examining multiple outcome categories.

Source: NHANES-III, 1988-94: Adult interview file. 'Total' column includes women with missing WIC participation or income.

Table D-73—Percent of pregnant and postpartum women consuming at least 12 alcoholic beverages, in their lifetime and in past year

	Total Pregnant and Postpartum Women			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Percent of pregnant and postpartum women consuming alcoholic beverages												
In their lifetime	664	78.1	3.2	181	72.4	5.2	246	72.8	5.4	185	» 84.6	3.7
In past year	664	37.0	3.8	181	21.4	6.1	246	33.1	6.9	185	»» 45.5	5.1
Among pregnant and postpartum women consuming alcohol in past year												
Mean number drinks consumed on average drinking day	156	2.6	0.23	24	3.7 *	0.74	64	3.2	0.54	61	» 2.1 *	0.19

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes women with missing WIC participation or income.

Table D-74—Percent of pregnant and postpartum women smoking cigarettes, in their lifetime and in past 5 days

	Total Pregnant and Postpartum Women			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Percent of all pregnant and postpartum women:												
Ever smoked	667	38.0	3.0	181	42.8	6.3	247	38.0	6.7	185	37.2	4.4
Smoked in past 5 days	665	22.4	3.5	179	27.0	4.9	247	30.1	6.3	185	16.1	4.3
Among smokers:												
Mean number cigarettes smoked in past 5 days	145	52.6	6.0	38	40.8 *	6.1	64	52.6 *	11.4	33	61.2 *	10.3
Mean age became regular smoker	188	16.4	0.3	49	15.4 *	0.3	68	15.4	0.4	60	>>>17.4	0.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.
Persons are identified as "ever smoking" if they report smoking at least 100 cigarettes during their entire life.
Persons who smoked in past 5 days may include persons having smoked less than 100 cigarettes in entire life.
Persons are identified as smokers if they reported smoking cigarettes, cigars, or pipes, or chewing tobacco in the past 5 days.

Source: NHANES-III, 1988-94: Adult Interview file and Examination file. Sample for table contains women completing an MEC exam. 'Total' column includes women with missing WIC participation or income.

Table D-75—Percent of nonsmoking women, infants, and children exposed to second hand smoke at home

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	519	14.0	2.2	141	26.4	6.6	182	18.3	6.0	152	8.6 *	2.6
Infants	1,960	35.7	1.7	787	47.2	2.2	348	43.8	2.6	731	22.8	2.4
Children												
1 year old	1,256	36.8	2.4	419	50.5	4.1	391	46.9	2.6	357	23.0	2.7
2 years old	1,268	39.5	1.9	253	42.9	4.3	545	47.7	3.1	387	32.7	2.5
3 years old	1,119	37.0	2.5	201	39.4	5.1	513	44.1	4.7	325	30.9	2.8
4 years old	1,098	39.6	2.8	137	41.4	7.3	547	51.5	3.3	342	30.4	3.4
All children	4,741	38.2	1.7	1,010	43.6	3.8	1,996	47.6	2.1	1,411	29.2	1.8
Total, population adjusted	7,220	32.6	1.5	1,938	40.4	3.2	2,526	40.7	2.2	2,294	23.8	1.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Table D-76—Mean number of cigarettes smoked per day in households where nonsmoking women, infants, and children reside with smokers

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean # Cigarettes	Standard Error	Sample size	Mean # Cigarettes	Standard Error	Sample size	Mean # Cigarettes	Standard Error	Sample size	Mean # Cigarettes	Standard Error
Pregnant and postpartum women	124	15.4	2.9	46	18.1 *	6.3	46	12.6 *	4.5	21	16.2 *	4.2
Infants	741	15.8	0.6	372	15.4	0.8	157	18.0	1.8	177	14.7	1.0
Children												
1 year old	459	15.5	0.9	178	16.4	1.3	168	15.1	1.3	84	13.4	1.4
2 years old	481	15.3	0.7	103	14.8	1.2	235	17.9	1.4	112	12.8	1.0
3 years old	422	15.6	1.1	81	12.0 *	1.8	215	17.6	1.8	100	14.7	1.3
4 years old	421	16.9	0.8	48	15.8 *	2.7	240	18.6	0.9	108	14.9	1.0
All children	1,783	15.8	0.5	410	14.8	1.2	858	17.3	0.7	404	13.9	0.6
Total, population adjusted	2,648	15.7	0.8	828	15.6	1.6	1,061	16.4	1.2	602	14.6	1.1

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Examination sample. Smokers are identified from the MEC file; exposure is determined from the adult and youth interview files. 'Total' column includes persons with missing WIC participation or income. Women are identified as nonsmokers if they answered no to all four types of nicotine exposure in past 5 days: cigarettes, cigars or pipes, chewing tobacco or snuff, and nicotine gum. Persons reside with smokers if they reside with persons reported to have smoked cigarettes in the past 5 days.

Table D-77—Percent of nonsmoking women and 4-year-old children with high serum cotinine levels ^{1,2}

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	478	51.8	4.9	132	67.4	7.0	168	60.8	8.4	140	» 44.3	6.3
Children 4 years old	614	75.6	4.0	91	91.9 *	3.1	311	86.0	3.9	182	»» 63.5	5.9
Total, population adjusted	1,092	61.9	3.9	223	77.8	3.9	479	71.4	5.7	322	»» 52.4	5.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ Women are identified as nonsmokers if they answered no to all four types of nicotine exposure in past 5 days: cigarettes, cigars or pipes, chewing tobacco or snuff, and nicotine gum.

² High serum cotinine level is defined as > 0.10 ng/dL. Source: *Healthy People 2010* (U.S. DHHS, 2000a).

Source: NHANES-III, 1988-94: Examination sample. Smokers are identified from the MEC file; exposure is determined from the adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Table D-78—Percent of women, infants, and children with self-reported general health status of very good or excellent

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	667	56.2	3.6	181	49.1	7.3	247	42.5	6.1	185	⁂ 65.8	4.8
Infants	1,961	82.0	1.0	787	72.7	1.7	348	⁂ 80.1	2.6	731	⁂⁂⁂ 91.2	0.9
Children												
1 year old	1,258	79.0	1.7	419	64.4	3.3	391	⁂ 73.7	3.3	357	⁂⁂⁂ 89.7	1.7
2 years old	1,268	78.0	1.6	253	62.6	4.0	545	69.8	3.0	386	⁂⁂⁂ 89.3	1.6
3 years old	1,119	74.6	1.9	201	64.3	4.6	513	68.6	3.2	325	⁂⁂⁂ 84.3	2.6
4 years old	1,098	73.6	1.9	137	62.4	6.2	547	60.0	3.2	342	⁂⁂⁂ 87.6	2.6
All children	4,743	76.3	1.2	1,010	63.4	2.7	1,996	68.0	1.8	1,410	⁂⁂⁂ 87.7	1.1
Total, population adjusted	7,371	72.8	1.2	1,978	61.8	2.2	2,591	64.4	2.0	2,326	⁂⁂⁂ 83.5	1.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by ⁂ (.05 level), ⁂⁂ (.01 level), or ⁂⁂⁂ (.001 level). Differences are tested in comparison to WIC participants.

Table D-79—Percent of women, infants, and children with self-reported general health status of fair or poor

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	667	6.3	1.2	181	10.9	2.6	247	6.8 *	1.9	185	⁂ 3.6 *	1.8
Infants	1,961	3.6	0.6	787	5.8	1.2	348	4.5 *	1.0	731	⁂⁂⁂ 1.1 *	0.5
Children												
1 year old	1,258	3.4	0.4	419	6.9	1.2	391	5.6	1.1	357	⁂⁂⁂ 0.4 *	0.2
2 years old	1,268	4.4	0.5	253	6.5 *	2.1	545	6.4	1.3	386	2.4 *	0.8
3 years old	1,119	4.9	1.0	201	8.5 *	3.2	513	7.6	1.8	325	⁂ 1.2 *	0.7
4 years old	1,098	4.7	0.8	137	9.8 *	3.0	547	5.5	1.2	342	3.3 *	1.5
All children	4,743	4.3	0.4	1,010	7.9	1.4	1,996	6.2	0.6	1,410	⁂⁂⁂ 1.8	0.5
Total, population adjusted	7,371	4.6	0.4	1,978	8.2	1.2	2,591	6.1	0.6	2,326	⁂⁂⁂ 2.1	0.5

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by ⁂ (.05 level), ⁂⁂ (.01 level), or ⁂⁂⁂ (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Table D-80—Percent of women, infants, and children with physician-reported general health status of very good or excellent

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	640	87.0 *	2.6	169	77.7 *	5.9	236	87.1 *	4.4	183	91.2 *	3.4
Infants	1,921	87.5	3.1	772	85.7	3.2	339	86.4 *	3.6	720	88.9	3.5
Children												
1 year old	1,221	90.0 *	2.5	408	90.1 *	2.8	378	86.7 *	3.9	345	92.0 *	2.3
2 years old	1,230	89.4 *	2.4	246	89.4 *	2.6	528	88.4 *	2.7	378	91.0 *	2.5
3 years old	1,092	89.6 *	2.7	199	84.0 *	6.2	500	89.1 *	3.0	316	91.8 *	3.0
4 years old	1,078	90.4 *	2.4	135	96.4 *	1.6	534	87.9 *	3.2	338	91.8 *	2.7
All children	4,621	89.8	2.4	988	90.0	2.4	1,940	88.0	2.8	1,377	91.6	2.3
Total, population adjusted	7,182	88.8	2.3	1,929	86.7	2.8	2,515	87.6	2.8	2,280	91.1	2.1

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Table D-81—Percent of women, infants, and children with physician-reported general health status of fair or poor

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	640	1.4 *	0.9	169	2.6 *	1.1	236	0.5 *	0.3	183	1.7 *	1.6
Infants	1,921	0.7 *	0.2	772	1.4 *	0.5	339	1.2 *	0.6	720	>> 0.0	0.0
Children												
1 year old	1,221	0.1 *	0.1	408	0.2 *	0.2	378	0.3 *	0.2	345	0.1 *	0.1
2 years old	1,230	0.3 *	0.2	246	0.0	0.0	528	0.5 *	0.4	378	0.3 *	0.3
3 years old	1,092	0.4 *	0.2	199	1.8 *	1.4	500	0.5 *	0.4	316	>0	>0
4 years old	1,078	0.6 *	0.4	135	0.6 *	0.6	534	0.3 *	0.2	338	0.8 *	0.8
All children	4,621	0.4 *	0.1	988	0.6 *	0.4	1,940	0.4 *	0.2	1,377	0.3 *	0.2
Total, population adjusted	7,182	0.6	0.2	1,929	1.2 *	0.3	2,515	0.5 *	0.2	2,280	0.6 *	0.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.
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Source: NHANES-III, 1988-94: Examination file. 'Total' column includes persons with missing WIC participation or income.

Table D-82—Prevalence of specific health conditions among pregnant and postpartum women

	Total Pregnant and Postpartum Women			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Percent reporting:												
High blood pressure	629	9.7	3.32	165	4.2 *	1.82	232	5.3 *	1.76	181	12.0 *	5.53
Diabetes	629	0.3 *	0.19	164	0.8 *	0.64	233	0.8 *	0.60	181	>0	0.05
Heart attack	618	>0	0.04	158	0.3 *	0.33	228	0.0	0.00	181	0.0	0.00
Stroke	630	0.4 *	0.35	165	0.0	0.00	233	0.0	0.00	181	0.7 *	0.67
Emphysema or CHF ¹	630	0.1 *	0.1	165	0.3 *	0.3	233	0.4 *	0.3	181	0.0	0.0
Cancer other than skin cancer	630	1.8 *	0.9	165	1.5 *	1.2	233	1.5 *	1.1	181	2.3 *	1.5
Percent with measured high blood pressure	626	1.1 *	0.4	163	1.8 *	1.1	231	1.3 *	0.6	181	0.8 *	0.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ CHF is congestive heart failure

>0 Value too small to display.

Source: NHANES-III, 1988-94: Adult interview file. "Total" column includes women with missing WIC participation or income.

Table D-83—Pregnancy histories of pregnant and postpartum women

	Total Pregnant and Postpartum Women			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Mean number of pregnancies	630	2.5	0.10	165	2.5	0.16	233	2.7	0.17	181	2.3	0.17
Mean number of live births	630	1.3	0.09	165	1.6	0.12	233	1.5	0.14	181	» 1.1	0.14
At time of first live birth:												
Mean age	496	22.4	0.6	145	20.5 *	0.6	187	19.3	0.4	123	»» 25.0	0.7
Percent teenagers	496	36.2	4.2	145	53.7 *	7.9	187	58.3	7.1	123	»» 17.8	4.6
Percent older than 35 yrs ...	496	1.7 *	1.1	145	0.4 *	0.4	187	0.4 *	0.3	123	3.1 *	2.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes women with missing WIC participation or income.

Table D-84—Mean age of mother at birth: Infants and children up to 4 years old

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Infants	1,961	26.4	0.19	787	24.1	0.20	348	>>>25.7	0.29	731	>>>28.9	0.23
Children												
1 year old	1,255	26.4	0.25	418	24.5	0.35	390	24.3	0.40	356	>>>28.7	0.35
2 years old	1,259	26.5	0.20	250	24.5	0.52	540	25.2	0.31	385	>>>28.0	0.27
3 years old	1,110	26.8	0.35	199	25.6	0.74	507	25.3	0.43	324	>>28.3	0.50
4 years old	1,088	26.0	0.31	136	24.4	0.97	540	24.2	0.36	341	>>27.6	0.50
All children	4,712	26.4	0.18	1,003	24.8	0.39	1,977	24.7	0.18	1,406	>>>28.2	0.27
Total, age-adjusted	6,673	26.4	0.16	1,790	24.6	0.32	2,325	24.9	0.15	2,137	>>>28.3	0.23

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-85—Percent of infants and children born to adolescent mothers

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,961	12.8	0.8	787	22.6	1.9	348	» 14.3	1.7	731	»» 3.4	0.8
Children												
1 year old	1,255	13.0	1.3	418	18.6	2.7	390	21.4	2.8	356	»» 3.9	1.4
2 years old	1,259	11.3	1.0	250	23.8	5.0	540	13.3	1.6	385	» 6.4	1.5
3 years old	1,110	12.1	1.7	199	18.6	5.2	507	17.6	3.1	324	» 5.4	1.5
4 years old	1,088	13.2	1.5	136	19.8	8.0	540	21.3	2.1	341	» 5.7	1.7
All children	4,712	12.4	0.8	1,003	20.2	3.5	1,977	18.4	1.2	1,406	»» 5.4	0.8
Total, age-adjusted	6,673	12.5	0.7	1,790	20.7	2.8	2,325	17.6	1.0	2,137	»» 5.0	0.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Table D-86—Percent of infants and children born to mothers over age 35

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,961	7.1	0.8	787	3.7	0.7	348	4.8	1.2	731	»» 11.4	1.4
Children												
1 year old	1,255	5.4	0.9	418	4.2	1.2	390	3.6 *	1.0	356	7.8	1.9
2 years old	1,259	6.1	0.8	250	6.8	2.5	540	2.9	1.1	385	8.0	1.5
3 years old	1,110	6.6	1.4	199	5.0 *	1.7	507	3.3	1.0	324	10.2	2.6
4 years old	1,088	6.1	1.4	136	1.5 *	0.6	540	3.6	1.3	341	» 8.6	2.5
All children	4,712	6.1	0.6	1,003	4.4	0.8	1,977	3.4	0.6	1,406	» 8.6	1.1
Total, age-adjusted	6,673	6.3	0.5	1,790	4.2	0.6	2,325	3.7	0.6	2,137	»» 9.2	0.9

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-87—Percent of infants and children born to mothers who smoked during pregnancy

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,957	23.2	1.4	787	27.4	1.9	348	30.4	2.8	727	***16.7	2.2
Children												
1 year old	1,253	22.9	2.0	418	31.4	3.8	391	28.0	3.3	353	***14.4	1.9
2 years old	1,259	22.9	1.4	251	25.3	4.5	542	28.9	2.1	382	17.4	2.4
3 years old	1,112	21.8	2.0	198	26.1	4.9	510	21.7	3.7	324	21.0	2.8
4 years old	1,090	26.6	2.0	135	32.9	7.4	544	32.2	3.3	339	21.7	3.3
All children	4,714	23.6	1.1	1,002	29.0	3.7	1,987	27.7	1.9	1,398	* 18.6	1.3
Total, age-adjusted	6,671	23.5	0.9	1,789	28.6	3.1	2,335	28.3	1.8	2,125	** 18.2	1.1

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Table D-88—Mean birthweight of infants and children

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Infants	1,929	3,371	15.6	771	3,258	20.8	341	> 3,343	32.2	724	***3,470	21.4
Children												
1 year old	1,216	3,354	27.6	405	3,209	46.5	376	3,308	36.4	352	***3,485	35.5
2 years old	1,219	3,399	22.6	241	3,208	48.7	514	> 3,333	26.7	383	***3,498	38.3
3 years old	1,044	3,332	36.0	186	3,263	39.7	470	3,305	60.4	316	3,382	51.2
4 years old	1,036	3,300	28.6	128	3,069	115.6	511	3,301	47.2	335	> 3,350	35.6
All children	4,515	3,346	15.9	960	3,187	28.6	1,871	> 3,312	23.1	1,386	***3,428	20.5
Total, age-adjusted	6,444	3,351	13.9	1,731	3,201	23.3	2,212	***3,318	21.7	2,110	***3,437	17.9

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-89—Percent of infants and children born low birthweight¹

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,939	7.0	0.7	774	11.7	1.3	345	» 5.9	1.3	727	»» 3.8	1.0
Children												
1 year old	1,231	7.2	1.1	412	13.3	2.0	381	» 5.3	1.2	353	»» 3.6	1.1
2 years old	1,236	6.0	0.8	248	8.6	2.0	521	7.4	1.4	386	4.5	1.2
3 years old	1,075	8.7	1.4	191	9.4 *	2.8	487	11.6	3.3	321	6.2	1.9
4 years old	1,068	8.9	1.3	134	14.9	5.3	529	8.5	1.8	341	7.2	1.7
All children	4,610	7.7	0.5	985	11.6	1.3	1,918	» 8.2	1.0	1,401	»» 5.4	0.7
Total, age-adjusted	6,549	7.6	0.4	1,759	11.6	1.0	2,263	» 7.7	0.8	2,128	»» 5.1	0.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ Low birthweight is less than 2500 grams, or 5.5 pounds

Table D-90—Percent of infants and children born very low birthweight¹

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,929	0.8	0.2	771	1.2 *	0.6	341	1.2 *	0.7	724	0.3 *	0.2
Children												
1 year old	1,216	0.8 *	0.3	405	0.6 *	0.3	376	0.9 *	0.6	352	1.1 *	0.5
2 years old	1,219	1.0 *	0.4	241	2.2 *	1.0	514	0.4 *	0.3	383	1.2 *	0.8
3 years old	1,044	1.4	0.5	186	0.8 *	0.4	470	0.8 *	0.4	316	1.9 *	1.0
4 years old	1,036	1.2 *	0.4	128	3.6 *	2.5	511	2.1 *	1.0	335	0.2 *	0.1
All children	4,515	1.1	0.2	960	1.8	0.7	1,871	1.1	0.3	1,386	1.1	0.4
Total, age-adjusted	6,444	1.0	0.2	1,731	1.7	0.6	2,212	1.1	0.2	2,110	0.9	0.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ Very low birthweight is less than 1500 grams, or 3.3 pounds

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-91—Percent of infants and children receiving neonatal intensive care (NICU)

	Total Infants and Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,960	11.5	0.8	787	15.2	1.6	348	11.0	2.0	730	>> 9.3	0.8
Children												
1 year old	1,256	12.2	1.6	419	16.0	3.0	391	9.5	2.0	355	10.7	2.1
2 years old	1,266	10.3	0.9	251	11.1	2.6	545	8.5	1.8	386	11.1	2.0
3 years old	1,117	11.5	2.6	201	13.2	3.7	511	9.6	3.4	325	12.7	3.4
4 years old	1,094	10.6	1.4	136	19.9	5.4	545	10.4	1.9	341	9.7	2.2
All children	4,733	11.2	1.0	1,007	15.1	1.8	1,992	> 9.5	1.1	1,407	11.0	1.5
Total, age-adjusted	6,693	11.2	0.8	1,794	15.1	1.5	2,340	>> 9.8	1.1	2,137	> 10.7	1.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-92—Mean weight-for-height, and percent of children overweight, at risk of overweight, and underweight¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Mean weight-for-height												
Children												
1 year old	1,230	53.1	1.22	409	54.6	2.05	385	58.5	1.79	351	⁂ 48.5	1.97
2 years old	1,224	53.2	1.25	244	49.9	2.01	527	53.2	2.06	376	53.2	1.79
3 years old	1,095	51.6	1.47	198	50.2	3.48	504	56.0	1.92	323	49.0	2.19
4 years old	1,079	54.4	1.04	136	53.1	4.18	533	55.1	1.12	339	54.9	1.83
Total, age-adjusted	4,628	53.1	0.74	987	52.0	1.82	1,949	55.7	0.85	1,389	51.4	1.08
Percent of children overweight												
Children												
1 year old	1,230	7.5	1.07	409	7.9	1.52	385	10.1	2.05	351	5.4	1.61
2 years old	1,224	5.6	0.79	244	5.4 *	1.75	527	6.8	1.15	376	3.7	1.23
3 years old	1,095	5.4	1.15	198	6.5 *	2.17	504	8.5	2.45	323	2.6 *	0.97
4 years old	1,079	4.6	1.08	136	6.6 *	2.18	533	5.8	2.10	339	3.0 *	1.01
Total, age-adjusted	4,628	5.8	0.61	987	6.6	1.02	1,949	7.8	1.13	1,389	⁂⁂ 3.7	0.62
Percent of children at risk of overweight												
Children												
1 year old	1,230	10.9	1.06	409	12.9	2.36	385	16.7	2.23	351	⁂ 6.5	1.33
2 years old	1,224	11.4	1.26	244	11.1	2.43	527	13.3	2.53	376	10.4	1.63
3 years old	1,095	9.7	1.41	198	12.9	4.52	504	10.1	2.24	323	9.0	2.16
4 years old	1,079	11.4	1.47	136	8.2 *	2.50	533	12.9	2.11	339	10.9	2.35
Total, age-adjusted	4,628	10.8	0.63	987	11.3	1.58	1,949	13.2	1.03	1,389	9.2	0.84
Percent underweight												
Children												
1 year old	1,230	4.5	0.63	409	5.8 *	1.42	385	2.7 *	1.09	351	5.3	1.23
2 years old	1,224	3.8	0.53	244	4.9 *	1.42	527	5.0	1.32	376	2.8 *	0.88
3 years old	1,095	4.3	0.84	198	8.1 *	2.43	504	⁂ 2.2 *	0.94	323	4.4	1.26
4 years old	1,079	4.3	1.01	136	7.0 *	3.77	533	3.2 *	1.07	339	3.7	1.25
Total, age-adjusted	4,628	4.2	0.30	987	6.5	1.20	1,949	⁂ 3.3	0.44	1,389	4.1	0.50

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by ⁂ (.05 level), ⁂⁂ (.01 level), or ⁂⁂⁂ (.001 level). Differences are tested in comparison to WIC participants.

¹ Weight for height is based on standing height for children age 2 years and over, and recumbent length for infants and children under age 2. Overweight is defined as ≥ 95th percentile of the weight-for-height growth chart; risk of overweight is defined as between the 85th and 95th percentile of the weight-for-height growth chart; underweight is defined as < 5th percentile of the weight-for-height growth chart, as determined by age at measurement.

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-93—Percent of 2-4-year-old children with growth retardation¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Std Error	Sample size	Percent	Std Error	Sample size	Percent	Std Error	Sample size	Percent	Std Error
Children												
2 years old	1,229	4.9	0.69	244	6.9	1.85	529	6.5	1.14	377	3.3 *	0.99
3 years old	1,104	3.5 *	1.12	198	10.0 *	5.41	510	3.8 *	1.45	323	1.5 *	0.82
4 years old	1,088	4.2	1.24	136	11.1 *	4.62	540	3.3 *	1.56	341	» 2.2 *	1.10
Total, age-adjusted	3,421	4.2	0.69	578	9.3	2.74	1,579	4.5	0.99	1,041	» 2.3	0.51

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ Growth retardation is identified as < 5th percentile of the CDC height-for-age growth chart.

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-94—Percent of children with iron deficiency¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	631	13.2	1.8	219	14.2	3.2	214	20.6	4.5	172	8.2 *	2.8
2 years old	708	5.0	1.1	145	4.7 *	2.5	317	8.4 *	2.1	211	2.0 *	0.9
3 years old	659	5.8	1.9	135	0.0	0.0	310	8.1 *	3.7	182	6.1 *	2.8
4 years old	856	1.7 *	0.6	117	2.8 *	1.2	447	2.3 *	0.9	249	1.1 *	0.8
Total, age-adjusted	2,854	6.4	0.7	616	5.4	1.2	1,288	9.8	1.6	814	4.3	1.1

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Iron deficiency is indicated by at least 2 of the following: low serum transferrin saturation, high erythrocyte protoporphyrin (EPP), and low serum ferritin. See appendix B.

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-95—Percent of children with low serum ferritin¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	858	17.3	1.5	291	13.8	4.4	282	26.2	3.5	237	14.1	1.7
2 years old	947	9.0	1.3	189	6.3 *	2.3	427	11.2	2.1	276	8.2	2.0
3 years old	876	4.4	0.9	159	2.4 *	1.7	412	7.0	1.7	251	3.1 *	1.5
4 years old	899	2.2 *	0.6	119	3.4 *	2.1	467	3.2 *	1.2	265	1.3 *	0.7
Total, age-adjusted	3,580	8.2	0.6	758	6.5	1.4	1,588	11.9	1.2	1,029	6.7	0.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Low serum ferritin is identified by < 10 mcg/mL. Source: *Healthy People 2010* (U.S. DHHS, 2000a).

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-96—Percent of children with high free erythrocyte protoporphyrin ¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	899	15.6	1.71	304	17.9	3.50	291	20.0	4.22	252	11.0	2.24
2 years old	978	6.6	1.02	198	5.5 *	1.62	438	8.8	1.79	287	4.3 *	1.43
3 years old	889	8.0	1.79	163	3.0 *	0.99	419	» 13.7	3.61	251	4.5 *	2.06
4 years old	919	6.2	1.24	121	6.3 *	2.11	476	6.7 *	1.24	274	5.4 *	2.33
Total, age-adjusted	3,685	9.1	0.70	786	8.2	0.99	1,624	» 12.3	1.66	1,064	6.3	0.72

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.
¹ High free erythrocyte protoporphyrin is identified as > 80 (age 1-2) and > 70 (age 3-4). Source: *Healthy People 2010* (U.S. DHHS, 2000a).

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-97—Percent of children with low transferrin saturation¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	671	24.7	2.4	229	20.9	2.7	227	34.9	5.8	182	17.7	3.0
2 years old	757	18.0	1.8	154	18.6	4.7	339	22.3	3.2	226	14.1	3.2
3 years old	699	22.7	3.4	138	21.6	4.4	329	23.4	4.3	195	23.2	5.3
4 years old	879	13.9	1.6	118	19.4 *	9.1	460	17.9	2.9	255	9.2 *	2.3
Total, age-adjusted	3,006	19.8	1.2	639	20.1	3.3	1,355	24.6	2.2	858	16.0	2.1

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.
¹ Low transferrin saturation is identified as < 10% (age 1-2) and < 12% (age 3-4). Source: *Healthy People 2010* (U.S. DHHS, 2000a).

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-98—Percent of children with low iron deficiency anemia¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	631	3.7	1.0	219	3.4 *	1.3	214	7.4 *	2.6	172	1.3 *	0.9
2 years old	708	1.8 *	0.5	145	2.9 *	2.3	317	2.5 *	1.0	211	0.7 *	0.5
3 years old	659	0.5 *	0.3	135	0.0	0.0	310	1.3 *	0.9	182	>0	>0
4 years old	856	0.3 *	0.2	117	1.0 *	0.8	447	0.5 *	0.4	249	0.0	0.0
Total, age-adjusted	2,854	1.6	0.3	616	1.8 *	0.6	1,288	2.9	0.7	814	> 0.5 *	0.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Iron deficiency anemia is defined as iron deficiency and low hemoglobin. See appendix B.

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Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-99—Percent of children with low hemoglobin¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	855	12.2	1.6	298	12.7	2.2	275	19.3	3.4	239	8.0	2.1
2 years old	934	9.7	1.0	188	8.2 *	2.7	417	12.6	2.1	276	6.9	1.2
3 years old	852	5.8	1.0	157	13.0 *	3.1	405	6.7	1.6	242	» 3.2 *	1.3
4 years old	898	4.9	0.9	119	3.0 *	1.2	466	5.0	1.2	267	5.4 *	1.9
Total, age-adjusted	3,539	8.1	0.8	762	9.2	1.3	1,563	10.9	1.4	1,024	» 5.9	0.9

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ Criteria for low hemoglobin varies by age, gender, and smoking status. See appendix B.

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-100—Percent of children with low hematocrit¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	855	10.3	1.6	298	11.4	2.2	275	15.5	3.4	239	7.0 *	2.3
2 years old	934	7.2	0.9	188	6.9 *	2.8	417	8.9	1.6	276	5.6 *	1.6
3 years old	852	6.0	1.2	157	10.8 *	3.5	405	8.0	1.9	242	» 3.5 *	1.4
4 years old	898	5.9	1.2	119	2.2 *	1.6	466	5.6 *	1.4	267	7.2 *	2.0
Total, age-adjusted	3,539	7.4	0.7	762	7.8	1.5	1,563	9.5	1.3	1,024	5.8	1.0

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ Criteria for low hematocrit varies by age, gender, and smoking status. See appendix B.

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-101—Percent of infants and children with any hospital stays since birth

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,961	9.8	0.8	787	13.5	1.4	348	9.7	2.0	731	>>>6.3	1.0
Children												
1 year old	1,256	17.2	1.7	419	19.3	2.8	390	15.6	2.5	356	16.7	2.2
2 years old	1,267	17.8	1.5	251	21.3	4.2	545	20.1	2.3	387	15.9	2.5
3 years old	1,118	18.9	2.1	201	21.1	3.7	512	18.8	3.6	325	17.9	3.1
4 years old	1,096	21.7	3.0	136	24.0	4.7	546	23.2	3.0	342	20.8	5.1
All children	4,737	18.9	1.3	1,007	21.4	1.6	1,993	19.4	1.8	1,410	17.8	1.8
Total, age-adjusted	6,698	17.1	1.1	1,794	19.8	1.3	2,341	17.5	1.6	2,141	> 15.5	1.5

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-102—Percent of infants and children with accident, injury, or poisoning requiring medical attention in past 12 months

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,960	1.8	0.4	787	1.6 *	0.5	348	1.5 *	0.8	730	2.3	0.5
Children												
1 year old	1,258	12.8	1.4	419	10.1	2.0	391	12.6	2.6	357	15.8	2.8
2 years old	1,269	13.7	1.0	253	16.6	4.0	545	9.3	1.6	387	16.9	2.5
3 years old	1,119	10.1	1.7	201	10.9 *	3.7	513	8.6	2.1	325	11.5	2.5
4 years old	1,098	12.5	2.1	137	24.2	8.7	547	13.4	2.8	342	10.7	2.4
All children	4,744	12.3	0.8	1,010	15.5	3.1	1,996	11.0	1.2	1,411	13.7	1.2
Total, age-adjusted	6,704	10.2	0.6	1,797	12.7	2.4	2,344	9.1	1.0	2,141	11.4	0.9

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-103—Percent of infants and children ever diagnosed by doctor to have asthma

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,961	2.0	0.4	787	3.0	0.7	348	3.5 *	1.1	731	» 0.8 *	0.4
Children												
1 year old	1,258	4.7	0.7	419	4.7	1.2	391	8.2	1.5	357	2.3 *	0.7
2 years old	1,267	6.4	0.8	253	9.1	2.2	544	7.5	1.3	386	4.8	1.2
3 years old	1,119	5.6	1.0	201	3.7 *	1.2	513	7.3	1.7	325	5.3	1.4
4 years old	1,097	7.6	1.4	137	14.8	6.2	547	7.9	1.6	341	6.5	2.0
All children	4,741	6.1	0.5	1,010	8.1	1.6	1,995	7.7	0.8	1,409	» 4.7	0.7
Total, age-adjusted	6,702	5.3	0.4	1,797	7.0	1.3	2,343	6.9	0.7	2,140	» 3.9	0.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-104—Percent of infants and children ever diagnosed by doctor to have chronic bronchitis

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,961	2.2	0.4	787	2.8	0.5	348	1.5 *	0.6	731	2.0	0.7
Children												
1 year old	1,258	4.0	0.6	419	4.0	1.2	391	5.6	1.4	357	3.2 *	0.9
2 years old	1,268	4.2	0.6	253	7.9	2.2	544	3.7	0.7	387	» 3.0	0.7
3 years old	1,119	2.8	0.7	201	1.9 *	0.9	513	2.9	0.8	325	2.8 *	1.2
4 years old	1,097	4.0	0.8	137	4.9 *	2.5	546	6.6	1.5	342	1.9 *	0.6
All children	4,742	3.8	0.4	1,010	4.7	1.1	1,994	4.7	0.6	1,411	2.7	0.5
Total, age-adjusted	6,703	3.5	0.3	1,797	4.3	0.8	2,342	4.1	0.5	2,142	2.6	0.5

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-105—Percent of infants and children ever diagnosed by doctor to have hay fever

	Total Infants and Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Infants	1,961	0.7 *	0.2	787	0.6 *	0.3	348	1.9 *	1.0	731	0.5 *	0.2
Children												
1 year old	1,258	1.4	0.5	419	0.7 *	0.7	391	0.6 *	0.6	357	2.6 *	1.1
2 years old	1,269	2.0	0.5	253	1.0 *	0.6	545	1.8 *	1.0	387	2.0 *	0.8
3 years old	1,119	0.9 *	0.3	201	0.3 *	0.2	513	0.3 *	0.2	325	1.5 *	0.6
4 years old	1,097	3.8	1.1	137	10.8 *	5.6	547	4.0	1.7	341	2.8 *	1.0
All children	4,743	2.1	0.4	1,010	3.2	1.5	1,996	1.7	0.5	1,410	2.2	0.5
Total, age-adjusted	6,704	1.8	0.3	1,797	2.7	1.2	2,344	1.7	0.4	2,141	1.9	0.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-106—Percent of children ever tested for lead poisoning

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	1,232	10.2	1.4	409	16.6	2.3	388	» 8.3	2.0	345	»» 8.2	1.8
2 years old	1,245	9.8	1.5	252	22.4	3.2	534	»» 10.8	2.1	375	»» 5.9	1.7
3 years old	1,101	8.7	1.1	197	17.3	3.4	506	» 9.3	1.8	320	» 6.2	1.3
4 years old	1,081	10.5	1.2	136	26.3	4.6	539	» 14.1	2.8	338	»» 5.1	1.1
Total, age-adjusted	4,659	9.8	1.0	994	20.7	1.7	1,967	»» 10.6	1.6	1,378	»» 6.3	1.0

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-107—Percent of children ever reported to have high lead levels or lead poisoning¹

	Total Children			Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	1,228	0.56 *	0.30	408	1.25 *	1.06	387	0.84 *	0.55	344	0.10 *	0.10
2 years old	1,239	0.31 *	0.13	250	1.22 *	0.72	531	0.41 *	0.24	374	0.00	0.00
3 years old	1,096	0.62 *	0.37	195	4.17 *	3.10	503	0.24 *	0.17	320	0.00	0.00
4 years old	1,077	0.71 *	0.23	135	0.66 *	0.67	538	1.14 *	0.29	336	0.08 *	0.08
Total, age-adjusted	4,640	0.55	0.14	988	1.82	0.87	1,959	0.66 *	0.16	1,374	» 0.05 *	0.03

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

¹ Percent is calculated over all children, including those not tested for lead poisoning.

Source: NHANES-III, 1988-94: Youth interview file. 'Total' column includes those with missing WIC participation or income.

Table D-108—Percent of children with high blood lead levels¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	918	8.9	1.74	311	16.5	4.11	295	8.9 *	2.39	258	>> 4.9	1.45
2 years old	993	7.1	1.27	201	10.6 *	2.53	443	9.2	1.77	293	>> 4.3	1.24
3 years old	901	5.2	0.95	163	14.1 *	4.23	426	6.7 *	1.44	255	>> 1.2 *	0.73
4 years old	926	5.7	1.67	122	15.1 *	5.12	480	8.7	2.44	275	>> 1.3 *	0.75
Total, age-adjusted	3,738	6.7	1.14	797	14.1	2.78	1,644	> 8.4	1.24	1,081	>>> 2.9	0.74

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ High lead is identified as ≥ 10.0 mcg/dL. Source: CDC Report on Blood Levels in the U.S.: 1991-94. (CDC, 1997)

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-109—Percent of children with high blood lead levels, NHANES-III Phase I (1988-1991)¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	446	10.9	2.4	128	20.1	7.1	154	8.0 *	2.7	126	9.2	2.7
2 years old	478	11.2	2.1	80	14.6 *	4.7	223	16.1	3.4	141	6.0	2.4
3 years old	426	5.1 *	1.3	52	8.0 *	3.3	213	7.3 *	2.1	120	2.0 *	1.5
4 years old	444	8.5	3.3	43	23.4 *	9.3	233	13.4	5.0	138	2.2 *	1.5
Total, age-adjusted	1,794	8.9	2.0	303	16.6	4.7	823	11.2	2.2	525	4.9	1.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ High lead is identified as ≥ 10.0 mcg/dL. Source: CDC Report on Blood Levels in the U.S.: 1991-94. (CDC, 1997)

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-110—Percent of children with high blood lead levels, NHANES-III Phase II (1991-1994)¹

	Total Children			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Children												
1 year old	472	7.9	2.2	183	14.3	4.3	141	9.9 *	3.9	132	2.8 *	1.7
2 years old	515	4.1	1.1	121	9.0 *	3.2	220	3.6 *	1.0	152	2.9 *	1.5
3 years old	475	5.4	1.5	111	16.9 *	5.6	213	6.3 *	2.6	135	0.4 *	0.3
4 years old	482	3.5	1.0	79	10.9 *	4.4	247	4.7 *	1.6	137	0.5 *	0.4
Total, age-adjusted	1,944	5.2	1.1	494	12.8	2.8	821	6.1	1.6	556	1.7 *	0.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ High lead is identified as ≥ 10.0 mcg/dL. Source: CDC Report on Blood Levels in the U.S.: 1991-94. (CDC, 1997)

Source: NHANES-III, 1988-94: Examination file. 'Total' column includes children with missing WIC participation or income.

Table D-111—Mean number of decayed, missing, and filled teeth for women and 2-4-year-old children¹

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error	Sample size	Mean	Standard Error
Pregnant and postpartum women	651	8.6	0.4	178	6.2	0.5	240	7.6	0.6	181	***10.0	0.6
Children												
2 years old	1,152	0.3	>0	233	0.3	0.1	495	0.5	0.1	347	0.1 *	>0
3 years old	1,057	0.7	0.1	188	0.9	0.2	482	1.1	0.3	316	0.4	0.1
4 years old	1,061	1.2	0.1	130	1.2	0.3	533	1.7	0.2	329	0.6	0.1
All children	3,270	0.7	0.1	551	0.8	0.1	1,510	1.1	0.1	992	0.4	0.1
Total, population adjusted	3,921	3.2	0.1	729	2.5	0.2	1,750	3.1	0.2	1,173	3.4	0.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ For adults, table shows the sum of decayed, missing, and filled primary teeth due to any cause. For children, count includes the number of decayed and filled deciduous (baby) and primary teeth.

>0 Value too small to display.

Source: NHANES-III, 1988-94: Examination file. The dental exam was administered in the Mobile Exam Center; 2.8 percent of MEC respondents did not have a dental exam. Total includes persons with missing food stamp participation or income.

Table D-112—Percent of women and 2-4-year-old children who ever visited a dentist or dental hygienist

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	660	97.2 *	0.7	178	97.1 *	1.0	244	95.2 *	1.7	184	98.8 *	0.9
Children												
2 years old	1,248	15.2	1.6	246	14.0	2.8	537	11.6	1.8	385	18.6	2.8
3 years old	1,108	38.2	2.5	199	52.1	4.7	506	***23.6	3.1	323	46.4	4.4
4 years old	1,091	60.0	2.7	136	55.2	7.7	546	55.4	4.6	338	66.6	3.6
All children	3,447	37.9	1.2	581	40.5	3.4	1,589	**30.4	2.1	1,046	44.0	1.8
Total, population adjusted	4,107	56.6	0.9	759	58.3	2.3	1,833	**50.8	1.6	1,230	61.3	1.2

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Table D-113—Percent of women and 2-4-year-old children who visited a dentist or dental hygienist within the past year

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	660	63.1	3.2	178	54.9	6.2	244	62.2	5.3	184	68.3	4.3
Children												
2 years old	1,248	14.5	1.5	246	14.0	2.8	537	11.1	1.7	385	17.5	2.6
3 years old	1,108	36.3	2.5	199	51.8	4.7	506	***22.5	3.2	323	43.2	4.6
4 years old	1,091	57.4	2.7	136	51.6	7.6	546	53.4	4.6	338	63.8	3.6
All children	3,447	36.2	1.3	581	39.2	3.4	1,589	**29.2	2.1	1,046	41.6	1.8
Total, population adjusted	4,107	44.7	1.3	759	44.2	3.2	1,833	39.6	2.4	1,230	50.0	1.6

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Table D-114—Percent of women, infants, and children with any health insurance¹

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error	Sample size	Percent	Standard error
Pregnant and postpartum women	627	88.3	1.8	166	79.0	5.6	235	80.1	4.2	179	>> 95.6 *	1.8
Infants	1,843	94.1	0.8	738	93.4	1.1	311	>>> 84.3	2.6	715	>>> 98.0 *	0.6
Children												
1 year old	1,151	92.6	1.2	384	93.8 *	1.3	344	>>> 86.5	2.3	351	95.2 *	1.8
2 years old	1,156	92.6	0.9	240	92.7 *	1.9	474	> 86.8	2.0	377	> 96.9 *	0.9
3 years old	1,030	91.5	1.5	192	91.0 *	3.1	456	85.1	2.7	319	> 96.4 *	1.4
4 years old	1,003	91.7	1.2	127	96.4 *	1.3	494	>>> 84.9	2.4	330	>>> 95.9 *	1.1
All children	4,340	92.1	0.9	943	93.5	1.0	1,768	>>> 85.9	1.7	1,377	>> 96.1	0.8
Total, population adjusted	6,810	91.6	0.8	1,847	90.4	1.4	2,314	>> 84.4	1.7	2,271	>>> 96.3	0.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.

Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

¹ Health insurance includes any of Medicare, Medicaid, CHAMPUS/CHAMPVA/VA/military, or private health insurance.

Source: NHANES-III, 1988-94: Adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Percents may sum to more than 100 because some persons have multiple sources of health insurance. Sample size varies slightly by source.

Table D-115—Percent of women, infants, and children with private health insurance

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Private	Sample size	Percent	Private	Sample size	Percent	Private	Sample size	Percent	Private
Pregnant and postpartum women	607	66.4	3.2	158	28.5 *	5.7	224	44.2	6.9	179	***90.0 *	3.0
Infants	1,681	69.9	3.4	614	38.6	4.2	287	***58.5	5.1	709	***95.5	1.3
Children												
1 year old	1,044	69.3	3.6	332	36.1	5.6	306	***56.3	4.1	349	***91.7	2.6
2 years old	1,062	72.3	2.7	200	31.9 *	5.1	426	***52.7	5.0	375	***95.0 *	1.3
3 years old	950	70.1	3.9	171	32.6 *	7.4	412	***49.3	6.0	318	***92.4 *	2.6
4 years old	934	71.7	3.6	114	42.9 *	9.0	441	***49.5	5.8	328	***92.4 *	2.2
All children	3,990	70.9	2.8	817	35.9	4.6	1,585	***52.0	4.2	1,370	***92.9	1.5
Total, population adjusted	6,278	69.8	2.6	1,589	34.7	3.6	2,096	***51.3	3.9	2,258	***92.7	1.4

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Table D-116—Percent of women, infants, and children with Medicaid

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Medicaid	Sample size	Percent	Medicaid	Sample size	Percent	Medicaid	Sample size	Percent	Medicaid
Pregnant and postpartum women	584	24.6	3.0	154	60.0	6.7	229	>> 34.9	4.4	155	***6.6 *	2.0
Infants	1,297	48.0	2.9	644	79.2	1.8	210	***46.0	4.5	391	***5.9	1.5
Children												
1 year old	878	42.4	3.6	344	77.8	2.7	282	***51.4	4.4	200	***5.6 *	1.4
2 years old	895	34.8	2.9	216	77.4	3.7	395	***51.8	4.0	235	***3.0 *	1.2
3 years old	823	35.5	2.7	175	73.8	5.9	385	>> 56.4	3.8	211	***3.4 *	1.3
4 years old	812	34.7	3.7	118	77.8	4.8	427	***54.2	4.7	225	***6.1	2.3
All children	3,408	36.9	2.6	853	76.7	2.9	1,489	***53.4	3.0	871	***4.6	1.0
Total, population adjusted	5,289	36.0	2.2	1,651	73.5	2.2	1,928	***48.2	2.6	1,417	***5.2	0.8

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Table D-117—Percent of women, infants, and children with a regular source of health care

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	667	84.4	2.2	181	77.7	5.0	247	79.7	3.7	185	88.4	2.6
Infants	1,961	96.8	0.5	787	97.8 *	0.5	348	» 91.3	2.2	731	98.4 *	0.5
Children												
1 year old	1,258	96.4	0.7	419	96.8 *	0.8	391	» 93.0	1.6	357	» 98.7 *	0.6
2 years old	1,269	94.1	0.7	253	93.1 *	2.2	545	90.8	1.5	387	» 97.1 *	1.1
3 years old	1,119	95.1	0.8	201	93.8 *	1.7	513	91.4	2.3	325	» 98.5 *	0.7
4 years old	1,098	93.3	0.9	137	96.0 *	1.2	547	»» 88.7	2.1	342	» 96.8 *	1.1
All children	4,744	94.7	0.5	1,010	94.9	0.9	1,996	» 91.0	1.2	1,411	» 97.8	0.5
Total, population adjusted	7,372	92.8	0.6	1,978	91.7	1.2	2,591	» 88.6	1.2	2,327	» 95.8	0.7

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Table D-118—Percent of women, infants, and children who see a particular doctor

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	667	68.0	2.8	181	52.8	6.0	247	52.2	5.2	185	»» 81.5	2.9
Infants	1,961	84.7	1.0	787	80.0	1.8	348	79.3	2.6	731	»» 90.7	1.8
Children												
1 year old	1,258	81.8	1.6	419	74.4	3.6	391	76.9	2.6	357	»» 89.7	1.6
2 years old	1,269	79.6	1.8	253	68.4	4.5	545	74.2	2.6	387	»» 87.8	2.4
3 years old	1,118	77.0	2.9	201	60.8	5.8	512	» 73.9	3.3	325	»» 84.0	3.3
4 years old	1,098	78.5	2.0	137	70.8	9.4	547	72.4	2.8	342	84.5	3.0
All children	4,743	79.3	1.4	1,010	68.6	3.6	1,995	74.4	1.8	1,411	»» 86.5	1.7
Total, population adjusted	7,371	77.7	1.3	1,978	67.0	2.7	2,590	70.4	1.6	2,327	»» 86.1	1.5

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by » (.05 level), »» (.01 level), or »»» (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Adult and youth interview files. 'Total' column includes persons with missing WIC participation or income.

Table D-119—Percent of women, infants, and children who saw a doctor within the past year

	Total Persons			Currently Receiving WIC Benefits			Income-eligible Nonparticipants			Higher-income Nonparticipants		
	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error	Sample size	Percent	Standard Error
Pregnant and postpartum women	666	97.6 *	0.6	181	99.3 *	0.4	246	>> 93.9 *	1.7	185	99.2 *	0.6
Infants	1,961	99.7 *	0.1	787	99.8 *	0.1	348	98.6 *	0.8	731	100.0 *	0.0
Children												
1 year old	1,253	98.6	0.4	418	99.3 *	0.2	388	> 95.9 *	1.4	356	99.5 *	0.4
2 years old	1,269	95.0	0.8	253	95.8 *	1.6	545	>> 89.9	1.7	387	98.6 *	0.6
3 years old	1,118	91.6	1.2	201	85.8	6.4	512	87.6	2.4	325	95.8 *	1.1
4 years old	1,097	87.2	1.6	137	96.2 *	1.1	546	>>> 79.2	2.5	342	91.6	2.1
All children	4,737	93.1	0.6	1,009	94.3	1.6	1,991	>> 88.1	1.1	1,410	96.3	0.5
Total, population adjusted	7,364	95.1	0.4	1,977	96.2	1.0	2,585	>>> 91.0	0.8	2,326	97.5	0.3

Notes: * Denotes individual estimates not meeting the standards of reliability or precision due to inadequate cell size or large coefficient of variation.
Significant differences in means and proportions are noted by > (.05 level), >> (.01 level), or >>> (.001 level). Differences are tested in comparison to WIC participants.

Source: NHANES-III, 1988-94: Adult and youth interview files. "Total" column includes persons with missing WIC participation or income.