

## Chapter 3. Infant Feeding

**Table 3.1. Percent of babies who were fed each food in the past 7 days by infant age<sup>1</sup>**

Infant Feeding Practices Study II

	Infant age in months									
	Neonatal	2	3	4	5	6	7	9	10	12
Total (n)	3,002	2,546	2,381	2,232	2,178	2,092	2,017	1,942	1,804	1,802
Breast milk	72.4	63.8	60.4	56.9	53.7	49.8	45.6	41.6	37.1	25.2
Formula	59.3	60.3	60.4	62.9	64.8	67.5	68.9	70.5	69.8	35.6
Water	11.4	n/a								
Sugar water	2.6	n/a								
Cow's milk or any other milk	0.6	n/a								
Cow's milk	n/a	0.4	0.5	0.4	0.6	1.4	1.6	5.9	19.2	82.0
Other milk	n/a	0.3	0.3	0.4	0.5	0.5	1.0	1.7	2.5	7.2
Other dairy foods	n/a	0.6	0.7	1.3	2.1	6.6	15.3	35.1	57.6	80.5
Other soy foods	n/a	0.1	0.1	0.2	0.4	0.8	1.1	2.7	3.7	5.6
100% fruit/ vegetable juice	2.2	3.5	5.1	9.1	21.8	34.5	53.5	62.9	68.9	77.1
Sweet drinks	0.5	0.8	1.0	2.0	2.2	3.2	4.3	6.3	9.6	14.7
Baby cereal	6.4	14.6	22.4	45.3	73.2	83.9	86.0	83.3	70.2	45.9
Other cereals and starches	n/a	1.0	1.3	3.0	7.3	18.6	41.0	73.0	85.9	93.2
Fruit	n/a	2.4	4.7	13.4	42.4	73.3	91.9	97.2	98.1	98.6
Vegetables	n/a	1.3	3.1	10.6	41.7	75.4	93.2	97.4	97.8	98.8
French fries	n/a	0.1	0.0	0.3	0.5	1.7	4.5	14.4	26.1	43.4
Meat, chicken, combination dinners	n/a	0.5	0.5	0.9	8.3	22.8	49.2	77.0	88.1	93.8
Fish or shellfish	n/a	0.0	0.0	0.1	0.2	0.2	1.1	4.2	8.3	17.9
Peanut butter, other peanut foods, or nuts	n/a	0.2	0.1	0.1	0.1	0.4	0.7	1.9	7.0	25.9
Eggs	n/a	0.1	0.3	0.4	0.5	1.9	5.4	14.7	29.0	59.8
Sweet foods	n/a	0.1	0.2	0.4	0.5	1.7	4.2	12.8	26.2	53.1

<sup>1</sup>Table is based on variables: N40A-I, M2A1A-S, M3A1A-S, M4A1A-S, M5A1A-S, M6A1A-S, M7A1A-R, M9A1A-R, MXA1A-R, MWA1A-r

<http://www.cdc.gov/ifps>



**Table 3.2. Median number of feedings of each food in the past 7 days by infant age<sup>1</sup>, among babies who consumed each food**

Infant Feeding Practices Study II

		Infant age in months									
		Neonatal	2	3	4	5	6	7	9	10	12
Breast milk	Median	8.0	8.0	7.0	7.0	6.0	6.0	5.0	5.0	4.0	3.5
	(n)	(2,092)	(1,606)	(1,428)	(1,260)	(1,158)	(1,033)	(907)	(797)	(663)	(449)
Formula	Median	6.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0	3.0
	(n)	(1,697)	(1,509)	(1,420)	(1,373)	(1,377)	(1,393)	(1,365)	(1,337)	(1,234)	(609)
Water	Median	1.0	n/a								
	(n)	(341)	n/a								
Sugar water	Median	0.6	n/a								
	(n)	(77)	n/a								
Cow's milk or any other milk	Median	4.0	n/a								
	(n)	(17)	n/a								
Cow's milk	Median	n/a	3.0	2.5	1.0	2.0	2.0	2.0	1.0	1.5	3.0
	(n)	n/a	(9)	(12)	(10)	(12)	(30)	(31)	(78)	(305)	(1,420)
Other milk	Median	n/a	5.0	6.0	5.0	1.5	1.0	0.3	1.0	1.0	1.8
	(n)	n/a	(8)	(7)	(8)	(10)	(11)	(20)	(33)	(46)	(130)
Other dairy foods	Median	n/a	1.0	0.3	0.3	0.4	0.3	0.4	0.6	1.0	1.0
	(n)	n/a	(15)	(16)	(30)	(45)	(139)	(308)	(682)	(1,040)	(1,450)
Other soy foods	Median	n/a	1.0	0.9	1.0	1.0	1.0	1.0	0.4	0.6	0.7
	(n)	n/a	(3)	(2)	(5)	(9)	(16)	(23)	(53)	(67)	(101)
100% fruit/vegetable juice	Median	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	(n)	(66)	(88)	(121)	(203)	(304)	(519)	(827)	(989)	(1,057)	(1,252)
Sweet drinks	Median	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.4
	(n)	(15)	(20)	(25)	(44)	(48)	(66)	(86)	(122)	(174)	(265)
Baby cereal	Median	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	(n)	(167)	(313)	(474)	(912)	(1,488)	(1,755)	(1,734)	(1,618)	(1,267)	(828)
Other cereals and starches	Median	n/a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0
	(n)	n/a	(26)	(30)	(66)	(158)	(390)	(827)	(1,417)	(1,550)	(1,680)
Fruit	Median	n/a	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0
	(n)	n/a	(60)	(112)	(293)	(711)	(1,312)	(1,669)	(1,764)	(1,670)	(1,728)
Vegetables	Median	n/a	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	2.0
	(n)	n/a	(34)	(74)	(233)	(696)	(1,349)	(1,662)	(1,734)	(1,650)	(1,724)
French fries	Median	n/a	0.3	0.6	0.4	1.0	0.2	0.1	0.1	0.1	0.1
	(n)	n/a	(3)	(1)	(7)	(11)	(36)	(90)	(280)	(471)	(782)
Meat,	Median	n/a	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	(n)	n/a	(3)	(1)	(7)	(11)	(36)	(90)	(280)	(471)	(782)

chicken, combination dinners											
	(n)	n/a	(13)	(12)	(19)	(68)	(276)	(719)	(1,194)	(1,385)	(1,552)
Fish or shellfish	Median	n/a	n/a	0.1	1.0	1.1	0.7	0.3	0.1	0.1	0.1
	(n)	n/a	n/a	(1)	(3)	(4)	(4)	(23)	(82)	(149)	(323)
Peanut butter, other peanut foods, or nuts	Median	n/a	1.0	0.1	0.4	0.4	0.3	0.3	0.1	0.3	0.3
	(n)	n/a	(5)	(3)	(3)	(3)	(9)	(15)	(37)	(127)	(466)
Eggs	Median	n/a	0.2	0.8	0.2	0.4	0.3	0.3	0.3	0.3	0.3
	(n)	n/a	(2)	(6)	(8)	(11)	(40)	(108)	(285)	(524)	(1,078)
Sweet foods	Median	n/a	2.0	0.9	0.6	0.2	0.1	0.3	0.3	0.3	0.3
	(n)	n/a	(3)	(5)	(8)	(10)	(36)	(85)	(249)	(473)	(957)

<sup>1</sup>Table is based on variables: N40A-I, M2A1A-S, M3A1A-S, M4A1A-S, M5A1A-S, M6A1A-S, M7A1A-R, M9A1A-R, MXA1A-R, MWA1A-R

**Table 3.3. Percent of babies who were fed any breast milk in the past 7 days by infant age and selected demographics<sup>1</sup>**

Infant Feeding Practices Study II

	Infant age in months									
	Neonatal	2	3	4	5	6	7	9	10	12
ALL(n)	3,002	2,546	2,381	2,232	2,178	2,092	2,017	1,942	1,804	1,802
(%)	72.4	63.8	60.4	56.9	53.7	49.8	45.6	41.6	37.1	25.2
<b>Age</b>										
18-24	61.0	46.9	41.9	37.4	34.2	31.4	27.0	23.8	22.4	12.9
25-29	76.4	68.3	65.3	61.6	57.5	53.6	49.5	45.2	40.7	27.9
30-34	74.5	68.0	65.4	61.4	57.9	54.7	48.9	44.6	39.8	26.4
35+	77.5	69.5	64.9	62.7	59.3	54.1	51.5	46.9	39.8	29.3
<b>Parity</b>										
Primiparous	71.7	58.9	54.0	49.5	45.6	41.6	38.6	34.9	30.9	20.2
Multiparous	73.2	66.3	63.8	60.7	57.6	53.9	49.2	44.8	40.1	27.7
<b>Education</b>										
HS or less	56.3	44.7	42.2	39.1	37.3	34.7	29.5	29.0	24.1	13.7
Some college	72.2	62.7	58.4	54.2	50.9	46.3	42.1	38.9	33.5	22.1
College graduate	84.5	77.9	74.4	70.8	66.6	63.4	58.2	51.4	47.0	33.5
<b>Income (% of poverty)</b>										
< 185%	66.5	56.4	53.6	50.5	48.3	45.0	41.5	38.1	34.6	23.7
185- < 350%	75.0	68.5	64.5	61.6	58.1	54.5	50.1	46.0	41.3	29.0
>=350%	79.2	69.4	65.6	60.3	55.6	50.6	45.3	40.6	34.7	22.2
<b>WIC Participant</b>										
No	62.4	72.2	69.4	65.9	62.2	58.2	52.3	48.1	41.7	28.7
Yes	79.1	50.5	45.7	41.6	39.0	35.3	33.1	29.8	28.5	18.5
<b>Race</b>										
White	71.8	64.2	61.1	58.1	55.3	51.2	46.7	43.1	38.5	26.4
Black	67.1	53.9	50.0	40.2	34.2	33.8	28.8	28.6	26.5	18.3
Hispanic	78.0	66.0	58.3	50.0	45.1	42.5	38.3	28.0	19.4	15.3
<b>Region</b>										
Northeast	69.4	60.8	57.4	53.7	51.9	48.3	43.0	40.0	36.0	24.9
Midwest	69.5	60.1	56.5	52.8	50.7	46.3	41.6	39.4	35.1	22.6
South	69.6	59.5	55.6	52.3	48.8	45.2	41.8	36.6	33.8	22.6
West	83.8	78.3	76.5	73.2	67.4	63.7	60.0	54.1	46.5	33.9

<sup>1</sup> Table is based on variables: N40A, M2A1A, M3A1A, M4A1A, M5A1A, M6A1A, M7A1A, M9A1A, MXA1A, MWA1A

**Table 3.4. Percent of babies who were exclusively breastfed in the past 7 days by infant age and selected demographics<sup>1</sup>**

Infant Feeding Practices Study II

	Infant age in months									
	Neonatal	2	3	4	5	6	7	9	10	12
ALL(n)	3,002	2,546	2,381	2,232	2,178	2,092	2,017	1,942	1,804	1,802
(%)	38.8	38.1	36.0	27.7	14.0	4.3	1.0	0.2	0.3	0.0
<b>Age</b>										
18-24	22.9	24.3	20.7	15.1	7.1	2.0	0.6	0.0	0.0	0.0
25-29	44.3	43.7	40.1	31.0	17.2	6.3	1.7	0.2	0.3	0.0
30-34	44.2	41.3	40.3	30.8	13.7	4.3	0.8	0.0	0.2	0.0
35+	41.0	39.4	39.3	30.7	15.5	3.3	0.5	0.6	0.9	0.0
<b>Parity</b>										
Primiparous	34.8	33.3	29.4	21.4	9.7	3.2	0.5	0.2	0.4	0.0
Multiparous	41.3	40.6	39.3	30.8	16.0	4.9	1.1	0.1	0.3	0.0
<b>Education</b>										
HS or less	24.6	24.0	22.4	14.9	7.0	1.8	0.3	0.0	0.3	0.0
Some college	36.5	35.0	32.5	24.7	12.3	4.2	1.0	0.3	0.5	0.0
College graduate	53.5	51.7	48.7	38.6	19.7	6.0	1.2	0.1	0.3	0.0
<b>Income (% of poverty)</b>										
< 185%	33.5	33.1	32.3	25.3	13.1	4.3	0.9	0.1	0.7	0.0
185- < 350%	41.2	41.5	39.0	31.6	15.2	4.3	1.1	0.3	0.2	0.0
>=350%	44.7	41.6	37.7	26.0	13.6	4.6	1.0	0.0	0.0	0.0
<b>WIC Participant</b>										
No	26.2	46.1	43.9	34.1	16.8	5.0	1.1	0.2	0.2	0.0
Yes	47.3	25.5	23.0	16.9	9.1	3.3	0.8	0.1	0.6	0.0
<b>Race</b>										
White	41.4	39.7	38.2	30.0	14.7	5.1	1.1	0.2	0.4	0.0
Black	13.6	24.5	16.3	8.0	5.1	0.0	0.0	0.0	0.0	0.0
Hispanic	29.7	30.6	25.0	12.5	7.1	0.0	0.0	0.0	0.0	0.0
<b>Region</b>										
Northeast	37.1	32.7	33.2	24.5	12.7	4.5	0.8	0.0	0.3	0.0
Midwest	39.2	37.8	35.4	27.0	14.3	3.8	1.0	0.2	0.4	0.0
South	32.9	33.5	30.4	23.5	10.5	3.8	1.0	0.2	0.4	0.0
West	49.0	50.5	48.1	38.5	20.2	6.0	1.2	0.3	0.3	0.0

<sup>1</sup>Table is based on variables: N40A-I, M2A1a-s, M3A1a-s, M4A1a-s, M5A1a-s, M6A1a-s, M7A1a-r, M9A1a-r, MXA1a-r, MWA1a-r

**Table 3.5. Percent of babies who were fed each type of cereal in the past 7 days by infant age<sup>1</sup>**

Infant Feeding Practices Study II

Infant age in months	N	Not fed baby cereal	Dry cereal added to a liquid	Cereal in a jar	Both dry cereal and cereal in a jar	Total (%)
Neonatal	2,923	93.5	6.1	0.1	0.3	100
2	2,545	85.7	13.4	0.2	0.7	100
3	2,383	77.6	21.2	0.4	0.8	100
4	2,202	54.6	42.6	0.5	2.2	100
5	2,175	27.0	67.1	1.3	4.5	100

<sup>1</sup> Table is based on variables: N42A-C, M2A2A-C, M3A2A-C, M4A2A-C, M5A2A-C

**Table 3.6. Percent of babies who were usually fed any milks, meals and snacks at each number of times in a 24 hour period in the past 7 days by infant age<sup>1</sup>**

Infant Feeding Practices Study II

Infant age in months	N	1 to 2	3	4	5	6	7	8 or more	Total (%)
6	2,094	0.0	0.6	4.9	13.4	22.5	22.4	36.1	100
7	2,016	0.0	1.0	6.2	14.2	18.7	22.6	37.3	100
9	1,942	0.1	1.2	6.7	13.2	21.9	22.0	35.0	100
10	1,804	0.2	1.1	8.1	15.1	22.6	21.6	31.3	100
12	1,798	0.1	2.2	12.1	24.1	24.4	17.4	19.9	100

<sup>1</sup> Table is based on variables: M6A2, M7A2, M9A2, MXA2, MWA2

**Table 3.7. Percent of babies who were given the following in vitamin or mineral drops or pills at least 3 days a week in the past 2 weeks by infant age<sup>1, 2</sup>**

Infant Feeding Practices Study II

Infant age in months	N	Fluoride	Iron	Vitamin D	Other vitamins	None of these
Neonatal	2,990	1.1	2.9	4.2	3.3	93.0
2	2,526	1.1	3.1	5.6	4.3	92.0
3	2,375	1.2	3.6	6.6	5.1	91.1
4	2,227	1.5	3.4	6.5	5.1	91.3
5	2,169	1.5	4.0	7.1	5.4	90.6
6	2,081	3.6	4.4	6.6	6.2	88.9
7	2,007	8.7	5.5	6.5	7.6	84.2
9	1,931	10.2	5.8	6.1	7.0	83.2
10	1,800	11.0	6.7	6.5	8.2	82.0
12	1,798	11.5	7.2	6.9	10.5	79.2

<sup>1</sup> Table is based on variables: N45A-E, M2A3A-E, M3A3A-E, M4A3A-E, M5A3A-E, M6A3A-E, M7A3A-E, M9A3A-E, MXA3A-E, MWA3A-E <sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.8. Percent of babies who used a pacifier in the past 7 days by infant age and selected demographics<sup>1</sup>**

Infant Feeding Practices Study II

	Infant age in months									
	Neonatal	2	3	4	5	6	7	9	10	12
ALL(n)	3,022	2,529	2,370	2,205	2,167	2,060	1,997	1,903	1,783	1,786
(%)	80.8	77.5	72.8	68.0	62.9	58.1	53.3	49.0	43.1	39.4
<b>Age</b>										
18-24	85.1	82.6	78.9	71.1	64.3	58.7	54.6	48.1	37.9	37.3
25-29	83.0	79.1	73.3	70.0	67.9	62.5	56.8	52.7	49.5	41.0
30-34	78.5	75.5	71.4	67.0	61.3	57.5	53.9	48.0	43.4	42.1
35+	73.8	70.7	67.0	61.9	54.4	49.7	44.8	44.7	35.9	34.2
<b>Parity</b>										
Primiparous	84.5	82.8	80.3	75.4	70.7	65.2	60.0	56.8	51.1	48.0
Multiparous	78.8	75.0	69.6	64.7	59.3	54.9	50.5	45.8	39.6	35.7
<b>Education</b>										
HS or less	85.4	81.6	77.7	72.5	68.7	60.1	57.1	49.2	43.6	40.6
Some college	80.8	76.7	69.9	65.5	61.7	57.0	50.4	49.0	42.7	38.6
College graduate	77.8	76.0	72.5	68.1	61.1	57.6	52.9	47.9	43.1	39.8
<b>Income (% of poverty)</b>										
< 185%	81.0	78.8	74.3	69.2	62.9	57.9	52.0	47.9	40.4	37.1
185- < 350%	81.1	75.4	69.9	65.3	60.5	56.8	52.8	47.8	43.5	39.8
>=350%	79.8	78.3	74.7	69.9	66.3	60.0	56.2	52.3	46.8	42.1
<b>WIC Participant</b>										
No	79.0	75.1	70.2	66.5	60.8	56.4	51.7	46.8	42.1	38.5
Yes	83.3	81.3	77.2	70.6	66.6	60.9	56.5	53.2	45.0	41.2
<b>Race</b>										
White	81.6	78.4	74.1	69.3	64.0	59.2	54.0	49.7	44.4	40.5
Black	83.8	78.4	65.3	67.1	67.9	51.5	51.4	43.5	37.3	28.3
Hispanic	76.2	72.1	72.5	59.7	52.7	53.2	51.0	47.1	43.6	36.8
<b>Region</b>										
Northeast	78.5	76.7	73.0	66.7	62.5	53.9	53.8	50.7	44.5	42.0
Midwest	80.2	79.3	74.7	68.2	63.9	60.8	55.0	50.2	45.1	42.0
South	83.5	78.9	75.1	70.8	64.6	60.3	54.0	50.7	42.9	37.9
West	79.2	73.1	66.2	64.5	59.1	54.5	49.2	43.3	39.0	35.0

<sup>1</sup> Table is based on variables: N66, M2A4, M3A4, M4A4, M5A4, M6A4, M7A4, M9A4, MXA4, MWA4

**Table 3.9. Percent of babies who were put to bed with a bottle of formula, breast milk, juice, juice drink, or any other kind of milk at each frequency in the past 2 weeks by infant age<sup>1</sup>**

Infant Feeding Practices Study II

Infant age in months	N	At most bedtimes, including naps	At most night bedtimes, but not naps	At most naps, but not night bedtimes	Only occasionally at bedtimes, including naps	Never	Total (%)
2	2,543	15.5	3.5	0.7	7.7	72.7	100
3	2,385	13.1	3.5	0.8	8.1	74.6	100
4	2,231	12.2	4.7	0.8	9.2	73.1	100
5	2,176	12.0	4.9	0.9	10.3	71.8	100
6	2,091	12.0	5.0	1.4	10.0	71.6	100
7	2,013	12.5	4.7	1.2	12.0	69.6	100
9	1,943	13.3	5.2	1.3	13.1	67.0	100
10	1,805	13.7	5.8	1.6	12.5	66.4	100
12	1,803	13.1	5.8	1.3	11.2	68.6	100

<sup>1</sup> Table is based on variables: M2A5, M3A5, M4A5, M5A5, M6A5, M7A5, M9A5, MXA5, MWA5

**Table 3.10. Percent of mothers who added each item to their baby's bottle of formula or pumped breast milk at each frequency in the past 2 weeks by infant age<sup>1</sup>**

Infant Feeding Practices Study II

		N	Never	Only rarely	Every few days	About once a day	At most feedings	Every feeding	Total(%)
Baby cereal	Month 2	2,271	86.3	3.3	1.3	5.6	1.7	1.7	100
	Month 3	2,148	82.2	3.9	2.2	6.5	2.8	2.4	100
	Month 4	2,042	76.0	5.1	2.6	9.7	3.2	3.3	100
	Month 5	1,995	74.1	5.8	2.6	10.7	3.3	3.5	100
	Month 6	1,875	75.1	5.3	2.8	9.6	4.1	3.0	100
	Month 7	1,833	78.2	4.6	2.3	8.5	3.1	3.3	100
	Month 9	1,752	80.5	4.1	1.6	8.0	2.9	3.0	100
	Month 10	1,620	84.3	4.3	1.5	5.6	1.9	2.5	100
	Month 12	1,474	90.6	2.6	1.6	3.1	1.3	0.9	100
Medicine	Month 2	2,235	93.7	3.3	0.7	1.3	0.7	0.3	100
	Month 3	2,131	94.7	3.0	0.8	0.9	0.6	0.1	100
	Month 4	2,004	94.9	2.6	0.5	0.9	0.6	0.3	100
	Month 5	1,957	95.3	2.6	0.4	1.4	0.2	0.2	100
	Month 6	1,829	95.6	2.9	0.3	1.0	0.1	0.2	100
	Month 7	1,800	95.2	2.9	0.2	1.2	0.4	0.1	100
	Month 9	1,732	94.8	3.6	0.3	0.7	0.4	0.1	100
	Month 10	1,604	94.9	3.8	0.2	0.7	0.2	0.1	100
	Month 12	1,466	95.2	2.6	0.8	1.3	0.1	0.0	100
Other	Month 2	1,940	97.0	0.4	0.4	0.9	1.1	0.3	100
	Month 3	1,742	96.2	0.5	0.7	1.3	0.9	0.4	100
	Month 4	1,753	97.0	0.6	0.5	0.8	0.8	0.3	100
	Month 5	1,723	98.3	0.4	0.3	0.5	0.3	0.2	100
	Month 6	1,323	97.8	0.6	0.2	0.3	0.6	0.5	100
	Month 7	1,563	98.6	0.3	0.1	0.3	0.3	0.4	100
	Month 9	1,487	98.5	0.1	0.2	0.7	0.1	0.3	100
	Month 10	1,352	98.6	0.4	0.5	0.2	0.2	0.0	100
	Month 12	1,263	98.1	0.2	0.5	0.2	0.5	0.6	100
Sweetener	Month 2	2,238	99.2	0.4	0.2	0.1	0.1	0.0	100
	Month 3	2,129	98.9	0.7	0.2	0.1	0.0	0.0	100
	Month 4	2,005	99.2	0.3	0.0	0.2	0.1	0.1	100
	Month 5	1,952	99.3	0.2	0.1	0.4	0.1	0.1	100
	Month 6	1,826	99.1	0.4	0.1	0.2	0.1	0.1	100
	Month 7	1,804	99.4	0.3	0.1	0.1	0.2	0.0	100
	Month 9	1,730	99.2	0.3	0.1	0.2	0.1	0.1	100

	Month 10	1,606	99.4	0.2	0.1	0.1	0.1	0.0	100
	Month 12	1,462	99.2	0.5	0.2	0.0	0.0	0.0	100
Vitamins or minerals	Month 2	2,241	97.6	0.4	0.7	1.3	0.0	0.0	100
	Month 3	2,131	97.1	0.4	0.4	2.0	0.0	0.0	100
	Month 4	2,008	97.4	0.2	0.6	1.7	0.1	0.0	100
	Month 5	1,961	97.0	0.8	0.7	1.4	0.1	0.1	100
	Month 6	1,835	97.3	0.7	0.7	1.3	0.1	0.0	100
	Month 7	1,809	96.8	0.4	0.3	2.4	0.0	0.0	100
	Month 9	1,739	96.1	0.6	0.6	2.7	0.0	0.0	100
	Month 10	1,615	95.7	1.2	0.3	2.8	0.1	0.0	100
	Month 12	1,470	96.0	1.0	0.3	2.6	0.1	0.0	100

<sup>1</sup> Table is based on variables: M2A6A-E, M3A6A-E, M4A6A-E, M5A6A-E, M6A6A-E, M7A6A-E, M9A6A-E, MXA6A-E, MWA6A-E

**Table 3.11. Percent of mothers who chewed up food and then gave to their baby in the past 2 weeks by infant age and selected demographics<sup>1</sup>**

Infant Feeding Practices Study II

	Infant age in months						
	4	5	6	7	9	10	12
ALL(n)	2,203	2,149	2,088	1,999	1,931	1,794	1,799
(%)	0.8	1.8	3.7	6.3	9.2	10.5	7.1
<b>Age</b>							
18-24	1.9	4.4	8.7	11.0	12.8	14.1	8.2
25-29	0.8	1.6	3.4	6.5	10.7	11.3	7.4
30-34	0.5	1.1	2.5	4.9	8.6	10.9	7.2
35+	0.0	0.5	0.8	3.6	3.9	5.2	5.7
<b>Parity</b>							
Primiparous	0.3	2.6	4.4	7.3	10.1	11.0	9.4
Multiparous	0.9	1.4	3.3	5.7	8.8	10.3	6.1
<b>Education</b>							
HS or less	1.2	4.2	6.8	11.5	12.3	16.5	8.0
Some college	1.0	1.3	3.4	5.8	10.6	12.5	7.7
College graduate	0.2	0.8	1.6	3.6	6.1	5.9	5.9
<b>Income (% of poverty)</b>							
< 185%	1.5	2.4	5.7	9.2	11.8	13.6	8.1
185- < 350%	0.5	1.4	2.9	5.3	9.3	10.0	7.5
>=350%	0.0	1.3	1.6	3.4	5.2	6.4	5.3
<b>WIC Participant</b>							
No	0.4	1.2	2.6	4.8	7.2	8.5	6.2
Yes	1.5	2.8	5.5	9.1	12.8	14.3	8.8
<b>Race</b>							
White	0.5	1.2	3.0	5.1	7.4	8.5	5.1
Black	5.7	10.7	13.2	27.4	43.8	50.0	44.1
Hispanic	1.7	2.6	6.3	11.4	13.5	9.7	14.4
<b>Region</b>							
Northeast	0.0	0.5	1.3	4.3	5.7	7.9	5.7
Midwest	0.3	1.2	2.4	3.9	5.9	7.3	4.9
South	1.6	2.5	4.7	7.9	10.8	12.2	6.8
West	0.9	2.6	6.5	9.5	14.9	15.5	12.5

<sup>1</sup> Table is based on variables: M4A7, M5A7, M6A7, M7A7, M9A7, MXA7, MWA7

**Table 3.12. Percent of babies who drank all of their bottle or cup of formula with each frequency by infant age<sup>1</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	Never	Rarely	Sometimes	Most of the time	Always	Total (%)
2	1,523	2.4	5.6	14.6	58.8	18.5	100
3	1,432	1.5	4.3	15.6	61.7	16.8	100
4	1,399	1.0	3.0	12.9	66.0	17.1	100
5	1,411	1.2	3.9	15.5	61.3	18.1	100
6	1,394	1.5	3.8	17.4	63.0	14.3	100
7	1,381	1.4	4.8	18.0	61.7	14.2	100
9	1,360	1.4	4.4	19.7	61.6	12.9	100
10	1,252	1.0	5.2	17.7	62.7	13.4	100
12	628	1.1	4.6	18.8	58.1	17.4	100

<sup>1</sup> Table is based on variables: M2A7, M3A7, M4A9, M5A8, M6A8, M7A8, M9A8, MXA9, MWA8

**Table 3.13. Percent of babies who were encouraged with each frequency to finish a bottle or a cup if they stopped drinking before the formula was all gone by infant age<sup>1</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	Never	Rarely	Sometimes	Most of the time	Always	Total (%)
2	1,521	18.7	22.2	33.0	19.7	6.4	100
3	1,425	18.5	22.0	31.6	20.3	7.6	100
4	1,392	17.4	23.3	32.7	20.3	6.4	100
5	1,410	18.2	24.4	30.3	20.1	7.0	100
6	1,390	17.3	23.4	31.5	21.1	6.7	100
7	1,381	18.3	24.6	31.0	19.2	6.9	100
9	1,358	18.2	24.6	32.6	17.7	6.9	100
10	1,242	20.2	21.7	31.3	19.9	6.8	100
12	626	20.8	24.6	31.8	16.8	6.1	100

<sup>1</sup> Table is based on variables: M2A9, M3A9, M4A11, M5A10, M6A10, M7A10, M9A10, MXA11, MWA10

**Table 3.14. Percent of babies who drank each number of ounces of formula at each feeding in the past 7 days by infant age<sup>1</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	1 to 2	3 to 4	5 to 6	7 to 8	> 8	Total (%)
Neonatal	1,750	17.8	62.2	17.2	2.1	0.7	100
2	1,521	8.0	49.3	34.7	7.2	0.9	100
3	1,428	4.5	36.2	46.8	11.6	0.8	100
4	1,395	3.4	23.7	53.2	18.6	1.1	100
5	1,409	3.3	19.0	51.5	24.7	1.4	100
6	1,392	3.7	17.0	50.4	13.6	15.4	100
7	1,381	3.3	15.1	48.4	31.2	2.0	100
9	1,355	2.1	14.0	49.8	32.3	1.8	100
10	1,249	2.1	13.9	44.8	37.0	2.2	100
12	625	5.4	15.0	41.0	34.9	3.7	100

<sup>1</sup> Table is based on variables: N46, M2A8, M3A8, M4A10, M5A9, M6A9, M7A9, M9A9, MXA10, MWA9

**Table 3.15. Percent of babies who were fed each formula group in the past 7 days by infant age<sup>1, 2</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	Group 1. Amino-acid based	Group 2. Milk based without DHA and ARA	Group 3. Milk based with DHA and ARA	Group 4. Soy based with DHA and ARA	Group 5. Soy based without DHA and ARA	Group 6. Extensively hydrolyzed casein hydrolysate with or without DHA and ARA
Neonatal	1,779	1.1	17.7	72.6	9.6	2.8	2.8
2	1,520	0.1	15.0	71.2	11.2	3.1	4.3
3	1,423	0.8	15.2	70.8	10.3	3.1	3.8
4	1,388	0.4	14.0	71.3	10.7	3.5	3.6
5	1,403	0.5	14.0	70.1	11.3	3.7	3.7
6	1,383	0.5	14.8	70.5	12.2	3.0	3.2
7	1,369	0.2	14.7	71.1	11.7	3.1	2.8
9	1,351	0.7	16.1	70.1	11.2	3.4	2.1
10	1,244	0.5	15.0	72.7	10.9	2.4	2.0
12	620	0.8	13.9	70.6	12.3	2.4	2.3

<sup>1</sup> Table is based on variables: N47\_1-6, M2A10\_1-6, M3A10\_1-6, M4A12\_1-6, M5A11\_1-6, M6A11\_1-6, M7A11\_1-6, M9A11\_1-6, MXA11\_1-6, MWA11\_1-6 <sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.16. Percent of babies who were fed each type of formula in the past 7 days by infant age<sup>1, 2</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	Ready to feed	Liquid concentrate	Powder from can	Powder from single serving pack
Neonatal	1,779	26.1	11.9	83.2	5.6
2	1,519	15.3	10.1	87.9	6.4
3	1,429	13.8	9.9	88.8	5.2
4	1,398	14.7	9.9	89.3	5.7
5	1,405	13.5	9.5	90.3	5.1
6	1,395	11.4	9.0	90.8	4.5
7	1,379	10.5	8.6	90.6	5.7
9	1,362	9.9	8.1	92.1	4.1
10	1,249	9.5	6.7	92.6	3.7
12	618	10.5	6.8	89.8	3.1

<sup>1</sup> Table is based on variables: N48A-D, M2A11A-D, M3A11A-D, M4A13A-D, M5A12A-D, M6A12A-D, M7A12A-D, M9A12A-D, MXA12A-D, MWA12A-D <sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.17. Percent of mothers describing the iron content of the formula they usually fed their babies with by infant age<sup>1</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	With iron	Low iron	Total (%)
Neonatal	1,719	97.8	2.2	100
2	1,493	97.6	2.4	100
3	1,397	97.4	2.6	100
4	1,392	97.4	2.6	100
5	1,377	97.1	2.9	100
6	1,361	97.6	2.4	100
7	1,355	97.4	2.6	100
9	1,352	97.0	3.0	100
10	1,235	97.7	2.3	100
12	611	97.4	2.6	100

<sup>1</sup> Table is based on variables: N49, M2A12, M3A12, M4A14, M5A13, M6A13, M7A13, M9A13, MXA13, MWA13

**Table 3.18. Percent of babies who usually fed from both breasts at each feeding by infant age and selected demographics<sup>1</sup>, among breastfed babies**

Infant Feeding Practices Study II

	Infant age in months									
	Neonatal	2	3	4	5	6	7	9	10	12
ALL(n)	2,158	1,605	1,433	1,257	1,161	1,042	915	804	669	449
(%)	64.2	61.2	61.6	61.3	59.9	58.4	59.0	57.2	59.6	57.2
<b>Age</b>										
18-24	62.7	63.4	64.5	65.8	62.1	61.0	59.2	57.5	59.7	68.6
25-29	63.3	57.9	55.7	55.6	55.1	55.1	57.5	56.7	56.5	50.9
30-34	64.7	62.3	65.1	64.2	63.3	61.0	62.2	59.8	65.8	61.1
35+	66.8	64.0	65.3	64.6	61.8	58.8	56.5	53.9	55.3	58.3
<b>Parity</b>										
Primiparous	57.8	52.5	56.0	55.0	53.1	54.9	58.1	58.7	55.3	50.0
Multiparous	66.9	64.4	64.0	63.5	62.1	59.6	59.3	56.8	61.1	59.3
<b>Education</b>										
HS or less	61.7	63.2	60.2	60.5	58.0	52.6	58.7	47.4	46.1	51.2
Some college	65.7	61.1	62.0	60.2	57.7	55.6	55.1	51.9	59.1	56.4
College graduate	64.0	59.9	61.2	61.6	60.9	61.1	60.9	62.4	62.6	57.4
<b>Income (% of poverty)</b>										
< 185%	68.1	64.5	64.1	62.6	61.6	59.5	61.3	55.6	57.2	61.3
185- < 350%	62.6	60.0	60.9	61.7	58.1	56.8	55.7	58.6	61.3	53.9
>=350%	60.3	58.4	59.3	59.0	60.1	59.5	61.2	57.4	60.5	57.3
<b>WIC Participant</b>										
No	64.1	60.4	61.0	61.4	60.3	58.5	59.4	57.2	60.2	55.9
Yes	64.2	63.0	63.2	61.2	58.8	58.3	57.8	57.1	58.0	61.3
<b>Race</b>										
White	64.2	62.0	62.2	61.2	59.1	57.7	57.7	57.2	59.3	57.5
Black	60.0	58.2	59.2	55.9	57.7	56.5	68.2	33.3	55.6	27.3
Hispanic	67.6	56.3	56.6	56.7	58.0	55.3	56.1	50.0	38.9	60.0
<b>Region</b>										
Northeast	62.4	64.6	66.3	66.8	67.6	63.7	65.2	63.5	66.4	60.5
Midwest	64.2	59.6	59.3	56.9	55.8	54.1	53.5	53.7	56.5	55.6
South	63.9	61.2	62.3	61.5	63.2	59.5	63.8	60.0	62.6	59.2
West	65.9	60.7	60.4	62.2	55.3	58.3	55.8	53.8	55.1	54.6

<sup>1</sup> Table is based on variables: N56, M2A13, M3A13, M4A15, M5A14, M6A14, M7A14, M9A14, MXA15, MWA14

**Table 3.19. Percent of babies who usually let go of the breast themselves by infant age, among breastfed babies<sup>1</sup>**

Infant Feeding Practices Study II

Infant age in months	N	Yes, both breast	Yes, first breast only	Yes, second breast only	No	Total (%)
Neonatal	1,989	63.7	9.5	11.3	15.5	100
2	1,504	65.9	9.9	10.7	13.5	100
3	1,354	66.3	10.9	10.9	11.8	100
4	1,190	67.5	10.8	9.2	12.5	100
5	1,101	69.4	10.4	9.6	10.5	100
6	985	71.2	10.2	8.1	10.6	100
7	881	70.6	11.7	7.4	10.3	100
9	762	69.2	13.6	6.3	10.9	100
10	639	72.9	11.9	5.6	9.5	100
12	439	70.8	12.3	5.2	11.6	100

<sup>1</sup> Table is based on variables: N57, M2A14, M3A14, M4A16, M5A15, M6A15, M7A15, M9A15, MXA16, MWA15

**Table 3.20. Percent of mothers whose average breastfeeding lasted for each length of time by infant age<sup>1</sup>, among breastfeeding mothers**

Infant Feeding Practices Study II

Infant age in months	N	< 10 minutes	10 to 19 minutes	20 to 29 minutes	30 to 39 minutes	40 to 49 minutes	>=50 minutes	Total (%)
Neonatal	2,017	6.2	38.5	31.2	15.5	6.2	2.3	100
2	1,524	7.2	48.4	28.6	11.1	3.5	1.1	100
3	1,370	7.8	52.3	28.4	8.8	2.2	0.6	100
4	1,204	11.2	55.1	24.5	6.5	1.9	0.7	100
5	1,112	13.9	58.5	21.5	4.4	1.2	0.5	100
6	1,000	18.3	58.0	18.8	3.3	1.2	0.4	100
7	885	22.6	59.5	13.6	3.1	0.9	0.3	100
9	774	30.7	55.3	11.0	2.1	0.6	0.3	100
10	641	32.3	55.5	10.0	1.1	0.6	0.5	100
12	441	40.1	48.3	8.8	1.8	0.2	0.7	100

<sup>1</sup> Table is based on variables: N58, M2A15, M3A15, M4A17, M5A16, M6A16, M7A16, M9A16, MXA17, MWA16

**Table 3.21. Median longest interval in hours between breastfeeding or expressing breast milk in a regular 24 hour period by infant age and selected demographics<sup>1</sup>, among breastfeeding mothers**

Infant Feeding Practices Study II

	Infant age in month									
	Neonatal	2	3	4	5	6	7	9	10	12
ALL	4.3	5.5	6.0	6.5	7.0	7.0	7.5	8.0	8.5	9.0
<b>Age</b>										
18-24	4.0	5.0	6.0	6.0	6.9	6.6	6.6	7.5	8.0	10.0
25-29	4.5	5.5	6.3	7.0	7.0	7.1	8.0	8.0	8.5	9.0
30-34	4.5	5.5	6.2	6.6	7.0	7.0	8.0	8.0	9.0	8.5
35+	4.0	5.0	6.0	6.2	7.0	7.0	7.3	8.0	8.1	9.0
<b>Parity</b>										
Primiparous	4.5	5.5	6.4	6.5	7.5	8.0	8.0	8.8	9.0	8.5
Multiparous	4.0	5.3	6.0	6.5	7.0	7.0	7.0	8.0	8.5	9.0
<b>Education</b>										
HS or less	4.0	5.5	6.0	6.0	6.5	6.3	6.5	6.5	7.5	7.0
Some college	4.5	5.0	6.0	6.0	6.7	7.0	7.0	8.0	8.0	8.1
College graduate	4.5	5.5	6.2	7.0	7.3	7.8	8.0	8.5	9.0	10.0
<b>Income (% of poverty)</b>										
< 185%	4.2	5.0	6.0	6.0	6.5	6.5	6.5	7.5	8.0	8.0
185- < 350%	4.3	5.3	6.0	7.0	7.0	7.0	7.5	8.0	8.5	9.5
>=350%	4.5	6.0	6.5	7.0	7.5	8.0	8.0	8.5	10.0	10.0
<b>WIC Participant</b>										
No	4.5	5.5	6.5	7.0	7.0	7.5	8.0	8.5	9.0	10.0
Yes	4.0	5.0	5.9	6.0	6.2	6.0	6.2	6.5	7.0	7.0
<b>Race</b>										
White	4.5	5.5	6.0	6.6	7.0	7.0	8.0	8.0	9.0	10.0
Black	3.5	3.6	4.0	4.8	5.5	5.8	6.0	5.0	6.5	6.0
Hispanic	4.2	5.0	5.8	6.0	6.0	6.5	6.3	7.0	6.5	8.0
<b>Region</b>										
Northeast	4.3	5.0	6.0	6.5	7.0	7.0	7.0	8.0	8.5	10.0
Midwest	4.5	5.5	6.0	6.4	7.0	7.0	7.0	8.0	8.5	8.0
South	4.3	5.4	6.0	6.5	7.0	7.0	8.0	8.5	8.2	10.0
West	4.2	5.5	6.0	7.0	7.0	7.5	8.0	8.0	9.0	9.8

<sup>1</sup> Table is based on variables: N60, M2A16, M3A16, M4A18, M5A17, M6A17, M7A17, M9A17, MXA18, MWA17

**Table 3.22. Percent of babies fed expressed or pumped breast milk in the past 7 days by infant age and selected demographics<sup>1</sup>, among breastfed babies**

Infant Feeding Practices Study II

	Infant age in months									
	Neonatal	2	3	4	5	6	7	9	10	12
ALL(n)	2,122	1,584	1,427	1,250	1,148	1,035	914	800	664	444
(%)	48.5	53.8	52.4	52.1	49.0	43.7	36.8	31.6	26.8	16.4
<b>Age</b>										
18-24	49.5	51.4	51.2	43.9	45.5	39.3	33.7	25.0	24.3	14.7
25-29	49.6	56.7	53.7	51.6	48.7	41.2	33.9	27.9	24.9	16.9
30-34	46.5	49.5	52.1	54.7	51.1	48.4	40.6	35.6	31.4	17.0
35+	48.5	57.2	51.3	54.0	48.0	42.7	37.2	34.9	24.0	15.5
<b>Parity</b>										
Primiparous	63.9	71.0	70.8	69.1	68.5	61.1	51.9	47.1	42.1	27.3
Multiparous	42.4	47.3	46.1	46.4	42.6	37.9	32.0	26.9	21.8	13.5
<b>Education</b>										
HS or less	45.5	44.4	43.0	41.0	32.4	31.1	25.0	20.6	18.7	5.0
Some college	47.8	49.0	46.2	45.0	42.9	35.8	28.7	23.6	19.5	10.5
College graduate	50.1	59.4	58.8	59.9	56.6	51.8	44.1	39.2	32.8	20.8
<b>Income (% of poverty)</b>										
< 185%	42.1	44.0	40.6	40.6	35.6	32.5	23.5	19.5	20.5	13.1
185- < 350%	47.8	52.6	51.7	51.0	49.3	43.8	37.5	31.3	22.0	13.3
>=350%	59.9	69.0	69.4	68.5	66.1	59.2	53.7	48.5	44.6	27.2
<b>WIC Participant</b>										
No	50.1	55.7	56.0	55.2	52.8	46.9	40.5	36.1	29.0	17.4
Yes	45.6	49.4	43.4	43.4	38.1	34.3	25.9	18.3	20.9	13.6
<b>Race</b>										
White	47.8	53.7	53.2	52.3	48.6	43.9	37.5	31.6	27.8	17.3
Black	50.6	64.2	53.1	61.8	60.0	54.5	36.4	33.3	22.2	18.2
Hispanic	56.9	51.1	45.3	53.4	46.0	43.5	32.5	30.0	22.2	7.1
<b>Region</b>										
Northeast	46.9	53.2	56.2	53.8	49.0	44.6	36.9	35.4	27.0	14.9
Midwest	48.5	60.4	54.7	56.4	52.8	45.4	38.4	32.5	27.1	19.2
South	51.5	56.5	53.4	53.1	51.9	46.3	38.9	32.2	29.6	19.5
West	45.8	43.4	46.3	45.0	41.1	38.3	32.6	27.5	23.2	11.4

<sup>1</sup> Table is based on variables: N61, M2A17, M3A17, M4A19, M5A18, M6A18, M7A18, M9A18, MXA19, MWA18

**Table 3.23. Median number of feedings of expressed or pumped breast milk in the past 7 days by infant age and selected demographics<sup>1</sup>, among babies fed pumped breast milk in the past 7 days**

Infant Feeding Practices Study II

		Infant age in month									
		Neonatal	2	3	4	5	6	7	9	10	12
ALL	Median	4.0	4.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0
	(n)	(1,029)	(817)	(713)	(620)	(547)	(416)	(325)	(234)	(164)	(64)
<b>Age</b>											
18-24	Median	4.0	4.0	4.0	4.0	3.0	4.0	5.0	4.0	5.5	11.0
	(n)	(195)	(117)	(94)	(66)	(56)	(41)	(31)	(19)	(14)	(4)
25-29	Median	4.0	3.0	5.0	5.0	4.0	6.0	5.0	5.0	5.0	6.0
	(n)	(375)	(315)	(267)	(220)	(199)	(140)	(106)	(75)	(55)	(23)
30-34	Median	3.0	4.0	4.0	5.0	4.0	5.0	5.0	8.0	7.0	3.0
	(n)	(283)	(232)	(224)	(208)	(187)	(154)	(117)	(87)	(65)	(21)
35+	Median	4.0	4.0	5.0	5.0	6.0	6.0	7.0	5.0	4.5	4.5
	(n)	(175)	(153)	(128)	(126)	(105)	(81)	(71)	(53)	(30)	(16)
<b>Parity</b>											
Primiparous	Median	4.5	5.0	7.0	9.0	7.0	7.0	10.0	10.0	6.5	5.0
	(n)	(374)	(289)	(246)	(201)	(181)	(140)	(110)	(84)	(64)	(25)
Multiparous	Median	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	(n)	(632)	(518)	(458)	(413)	(361)	(270)	(212)	(149)	(100)	(39)
<b>Education</b>											
HS or less	Median	4.0	4.0	5.0	3.0	3.0	7.0	3.0	7.0	4.5	26.0
	(n)	(140)	(79)	(75)	(56)	(45)	(32)	(22)	(17)	(14)	(2)
Some college	Median	3.0	3.0	3.0	4.0	4.0	3.5	4.5	3.0	5.0	7.0
	(n)	(378)	(272)	(215)	(184)	(161)	(110)	(82)	(58)	(36)	(11)
College graduate	Median	3.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0	5.0	4.0
	(n)	(447)	(430)	(393)	(362)	(326)	(264)	(213)	(155)	(111)	(48)
<b>Income (% of poverty)</b>											
< 185%	Median	3.0	3.0	3.0	3.0	3.0	3.0	3.0	4.0	5.0	6.0
	(n)	(341)	(232)	(191)	(164)	(135)	(100)	(69)	(47)	(41)	(17)
185- < 350%	Median	3.0	3.0	4.0	4.0	4.0	4.0	4.0	4.0	3.0	4.0
	(n)	(379)	(305)	(268)	(234)	(219)	(167)	(134)	(93)	(55)	(21)
>=350%	Median	5.0	5.0	7.0	7.5	8.0	10.0	10.0	10.0	6.0	4.5
	(n)	(309)	(280)	(254)	(222)	(193)	(149)	(122)	(94)	(68)	(26)
<b>WIC Participant</b>											
No	Median	4.0	4.0	5.0	5.0	5.0	7.0	6.5	6.0	5.0	4.0
	(n)	(695)	(600)	(553)	(485)	(438)	(340)	(268)	(205)	(133)	(52)
Yes	Median	4.0	3.0	3.0	3.0	3.0	3.0	2.0	3.0	5.0	4.5
	(n)	(334)	(217)	(160)	(135)	(109)	(76)	(57)	(29)	(31)	(12)
<b>Race</b>											
White	Median	3.0	4.0	5.0	5.0	4.0	5.0	5.0	5.0	5.0	4.0
	(n)	(828)	(690)	(615)	(538)	(475)	(370)	(287)	(207)	(149)	(59)

Black	Median	4.0	7.0	7.0	7.0	7.0	6.5	7.0	14.0	4.0	27.0
	(n)	(44)	(29)	(24)	(21)	(15)	(10)	(7)	(6)	(4)	(2)
Hispanic	Median	4.0	5.0	4.5	5.0	7.0	6.0	7.0	14.0	27.5	4.0
	(n)	(78)	(46)	(32)	(26)	(22)	(15)	(13)	(7)	(4)	(1)
<b>Region</b>											
Northeast	Median	3.0	3.0	4.0	4.0	4.0	4.0	5.0	6.0	4.5	2.0
	(n)	(228)	(164)	(159)	(133)	(114)	(93)	(77)	(53)	(34)	(11)
Midwest	Median	3.0	4.0	6.0	6.0	5.0	6.0	5.0	5.5	4.5	4.0
	(n)	(297)	(266)	(216)	(190)	(175)	(121)	(95)	(68)	(50)	(23)
South	Median	4.0	4.0	5.0	5.0	5.0	7.0	7.0	7.0	7.0	7.5
	(n)	(339)	(256)	(209)	(183)	(159)	(122)	(97)	(65)	(52)	(20)
West	Median	4.0	4.0	5.0	5.0	4.0	5.5	5.0	5.0	5.5	3.0
	(n)	(165)	(131)	(129)	(114)	(99)	(80)	(56)	(48)	(28)	(10)
<sup>1</sup> Table is based on variables: N61, M2A17, M3A17, M4A19, M5A18, M6A18, M7A18, M9A18, MXA19, MWA18											

**Table 3.24. Percent of babies who drank all of their cup or bottle of pumped milk by infant age<sup>1</sup>, among babies fed pumped breast milk in the past 7 days**

Infant Feeding Practices Study II

Infant age in months	N	Never	Rarely	Sometimes	Most of the time	Always	Total (%)
2	859	4.2	8.7	13.7	45.2	28.2	100
3	750	4.9	7.5	17.9	42.8	26.9	100
4	653	4.7	9.0	12.9	48.5	24.8	100
5	563	3.0	8.5	14.9	48.5	25.0	100
6	438	3.9	8.2	16.4	51.4	20.1	100
7	337	3.3	10.1	17.8	47.8	21.1	100
9	252	4.4	7.9	20.2	49.6	17.9	100
10	176	4.0	11.4	18.8	46.6	19.3	100
12	76	9.2	13.2	18.4	42.1	17.1	100

<sup>1</sup> Table is based on variables: M2A17, M2A18, M3A17, M3A18, M4A19, M4A20, M5A18, M5A19, M6A18, M6A19, M7A18, M7A19, M9A18, M9A19, MXA19, MXA20, MWA18, MWA19

**Table 3.25. Percent of babies who were encouraged to finish a cup or bottle if they stopped drinking before the pumped breast milk was all gone by infant age<sup>1</sup>, among babies fed pumped breast milk in the past 7 days**

Infant Feeding Practices Study II

Infant age in months	N	Babies fed pumped milk					Total (%)
		Never	Rarely	Some times	Most of the time	Always	
2	861	25.8	21.8	24.7	19.3	8.4	100
3	749	23.1	22.0	29.1	17.1	8.7	100
4	648	25.2	21.9	25.8	18.1	9.1	100
5	562	24.4	23.0	23.3	18.0	11.4	100
6	456	23.7	23.9	25.2	18.2	9.0	100
7	333	27.0	21.6	24.9	18.0	8.4	100
9	250	20.0	27.2	25.2	19.6	8.0	100
10	175	20.6	22.9	26.9	21.1	8.6	100
12	76	30.3	23.7	23.7	11.8	10.5	100

<sup>1</sup> Table is based on variables: M2A17, M2A19, M3A17, M3A19, M4A19, M4A21, M5A18, M5A20, M6A18, M6A20, M7A18, M7A20, M9A18, M9A20, MXA19, MXA21, MWA18, MWA20

**Table 3.26. Percent of mothers indicating each reason for feeding their babies solid food for the very first time<sup>1, 2, 3</sup>, among babies fed solid food**

Infant Feeding Practices Study II

<b>Reason for giving solid food for the very first time:<sup>3</sup></b>	<b>Percent</b>
My baby was nursing too much	16.0
My baby was drinking too much formula	24.6
My baby seemed hungry a lot of the time	69.3
I didn't have enough milk	19.2
My baby was not gaining enough weight	16.1
I wanted to feed my baby something in addition to breast milk or formula	74.4
It would help my baby sleep longer at night	48.0
My baby was old enough to begin eating solid food	94.7
My baby had a medical condition that might be helped by feeding solid food	10.5
A doctor or other health professional said my baby should begin eating solid foods	67.9
Friends or relatives said my baby should begin eating solid foods	24.0
My baby wanted food I ate or in other ways showed an interest in solid food	84.0
<b>N</b>	<b>2,177</b>

<sup>1</sup> Table is based on variables: M5A21A-L, M9A21A-L

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

<sup>3</sup> Percentages shown are those that indicated reason was 'Somewhat important' or 'Very important'

**Table 3.27. Percent of each kind of food fed to babies that was commercial baby food in the past 7 days by infant age<sup>1</sup>, among babies fed any food or drink besides breast milk or formula**

Infant Feeding Practices Study II

		N	All commercial	Mostly commercial	Some commercial	No commercial	Not fed in past 7 days	Total (%)
Fruit	Month 5	1,554	44.9	5.0	3.0	5.0	42.2	100
	Month 6	1,805	59.2	10.6	4.9	6.4	18.8	100
	Month 7	1,949	60.6	16.5	9.3	7.2	6.4	100
	Month 9	1,893	43.0	24.5	18.4	11.1	3.0	100
	Month 10	1,772	25.8	23.6	26.5	22.2	1.9	100
	Month 12	1,779	9.4	12.4	29.0	45.6	3.7	100
Fruit and Vegetable juice	Month 5	1,548	22.0	2.1	2.1	4.6	69.1	100
	Month 6	1,784	28.8	3.5	2.2	6.3	59.2	100
	Month 7	1,931	36.0	6.0	4.5	8.5	45.0	100
	Month 9	1,892	34.3	8.8	7.2	14.2	35.5	100
	Month 10	1,774	30.0	9.9	10.4	21.3	28.4	100
	Month 12	1,769	15.8	9.7	14.1	37.6	22.8	100
Meat, chicken, combination dinners	Month 5	1,534	8.3	0.8	0.5	2.0	88.4	100
	Month 6	1,764	20.1	1.8	1.0	3.2	74.0	100
	Month 7	1,918	37.6	5.8	2.7	5.3	48.6	100
	Month 9	1,888	40.8	13.8	10.4	12.1	22.8	100
	Month 10	1,776	26.4	17.8	19.9	24.3	11.7	100
	Month 12	1,777	10.2	12.1	24.5	45.0	8.2	100
Vegetables	Month 5	1,546	47.5	3.1	2.5	4.1	42.8	100
	Month 6	1,808	65.7	7.9	4.3	6.1	16.1	100
	Month 7	1,941	65.1	14.8	7.7	7.7	4.6	100
	Month 9	1,893	46.1	22.7	18.2	10.5	2.6	100
	Month 10	1,777	24.4	23.9	27.0	22.7	1.9	100
	Month 12	1,775	9.4	13.1	28.1	46.0	3.4	100

<sup>1</sup> Table is based on variables: M5A22A-D, M6A21A-D, M7A21A-D, M9A22A-D, MXA22A-D, MWA21A-D

**Table 3.28. Percent feeding fruit juice that was fortified with calcium with each frequency by infant age<sup>1</sup>, among babies fed any food or drink besides breast milk or formula**

Infant Feeding Practices Study II

Infant age in months	N	Never	Rarely	Some times	Always	Don't know	Never fed any juice or juice that was not sold for babies	Total (%)
5	1,517	7.7	0.3	1.3	2.6	4.2	84.0	100
6	1,764	8.2	0.5	1.5	2.3	4.8	82.7	100
7	1,875	9.2	1.0	2.9	3.7	7.5	75.6	100
9	1,872	10.0	2.1	5.0	5.8	12.3	64.9	100
10	1,738	11.2	3.1	8.2	7.3	16.2	54.0	100
12	1,754	12.3	4.2	14.6	12.5	19.7	36.8	100

<sup>1</sup> Table is based on variables: M5A23, M6A22, M7A22, M9A23, MXA23, MWA22

**Table 3.29. Percent of mothers introducing new foods to their babies with each frequency in the past 2 weeks by infant age<sup>1</sup>, among babies fed any food or drink besides breast milk or formula**

Infant Feeding Practices Study II

Infant age in months	N	No new foods in the past 2 weeks	About 1 per week or less often	About 1 every 4 or 5 days	About 1 every 3 days	About 1 every 2 days	About 1 every day	More than 1 every day	Total (%)
5	1,645	23.8	35.7	15.8	15.7	7.1	1.5	0.5	100
6	1,847	12.4	31.0	24.3	22.1	8.4	1.5	0.3	100
7	1,964	14.2	25.9	25.2	22.2	9.6	2.7	0.3	100
9	1,900	19.9	23.2	19.8	21.4	10.5	4.5	0.7	100
10	1,782	21.2	30.6	19.2	15.8	9.1	3.0	1.1	100
12	1,787	22.2	26.1	19.9	15.6	10.3	4.6	1.3	100

<sup>1</sup> Table is based on variables: M5A24, M6A23, M7A23, M9A25, MXA27, MWA24

**Table 3.30. Percent of mothers whose babies ate restaurant food at a restaurant for each number of times in the past 7 days of month 10 survey by selected demographics<sup>1</sup>, among babies fed any food or drink besides breast milk or formula**

Infant Feeding Practices Study II

	Frequency of eating restaurant food at a restaurant							Total (%)
	N	0	1	2 to 3	4 to 5	6 to 7	>= 8	
ALL	1,787	51.8	29.7	16.6	1.4	0.3	0.2	100
<b>Age</b>								
18-24	311	43.1	32.2	22.8	1.3	0.3	0.3	100
25-29	597	53.4	30.3	14.1	1.8	0.2	0.2	100
30-34	548	49.3	29.4	19.2	1.3	0.7	0.2	100
35+	330	60.9	26.7	11.2	0.9	0.0	0.3	100
<b>Parity</b>								
Primiparous	511	49.7	28.6	19.8	1.4	0.2	0.4	100
Multiparous	1,244	52.9	30.1	15.0	1.4	0.4	0.2	100
<b>Education</b>								
HS or less	316	50.9	27.2	18.4	2.8	0.6	0.0	100
Some college	610	49.0	32.0	17.9	0.7	0.3	0.2	100
College graduate	777	55.2	28.4	14.4	1.3	0.3	0.4	100
<b>Income (% of poverty)</b>								
< 185%	692	52.0	29.3	16.8	1.4	0.4	0.0	100
185- < 350%	645	49.5	30.7	18.3	0.9	0.5	0.2	100
>=350%	450	54.7	28.7	14.0	2.0	0.0	0.7	100
<b>WIC Participant</b>								
No	1,160	52.5	30.0	15.7	1.2	0.3	0.3	100
Yes	627	50.4	29.0	18.3	1.8	0.5	0.0	100
<b>Race</b>								
White	1,509	51.2	30.6	16.4	1.5	0.3	0.1	100
Black	65	66.2	13.8	18.5	0.0	1.5	0.0	100
Hispanic	93	47.3	32.3	19.4	1.1	0.0	0.0	100
<b>Region</b>								
Northeast	338	61.5	27.2	10.1	1.2	0.0	0.0	100
Midwest	549	53.4	29.5	15.7	0.9	0.2	0.4	100
South	548	45.1	31.9	19.9	2.6	0.4	0.2	100
West	352	50.3	28.7	19.3	0.6	0.9	0.3	100

<sup>1</sup> Table is based on variables: MXA25

**Table 3.31. Percent of mothers whose babies ate food delivered or carried out from a restaurant for each number of times in the past 7 days of month 10 survey by selected demographics<sup>1</sup>, among babies fed any food or drink besides breast milk or formula**

Infant Feeding Practices Study II

	N	Frequency of eating food delivered or carried out from a restaurant						Total(%)
		0	1	2 to 3	4 to 5	6 to 7	>= 8	
ALL	1,789	77.3	16.4	6.0	0.2	0.1	0.1	100
<b>Age</b>								
18-24	311	69.5	21.5	8.7	0.0	0.3	0.0	100
25-29	598	78.6	15.7	5.5	0.2	0.0	0.0	100
30-34	548	77.7	16.1	5.8	0.2	0.0	0.2	100
35+	331	81.6	13.6	4.5	0.3	0.0	0.0	100
<b>Parity</b>								
Primiparous	511	78.9	15.7	5.3	0.0	0.2	0.0	100
Multiparous	1,246	76.7	16.9	6.1	0.2	0.0	0.1	100
<b>Education</b>								
HS or less	316	69.0	22.2	8.5	0.3	0.0	0.0	100
Some college	610	76.9	17.7	5.2	0.0	0.2	0.0	100
College graduate	779	81.8	13.4	4.5	0.3	0.0	0.1	100
<b>Income (% of poverty)</b>								
< 185%	692	74.1	18.5	7.2	0.0	0.1	0.0	100
185- < 350%	646	78.2	16.3	5.4	0.2	0.0	0.0	100
>=350%	451	80.9	13.5	4.9	0.4	0.0	0.2	100
<b>WIC Participant</b>								
No	1,161	80.0	14.6	5.0	0.3	0.0	0.1	100
Yes	628	72.3	19.7	7.8	0.0	0.2	0.0	100
<b>Race</b>								
White	1,511	77.7	16.6	5.4	0.2	0.1	0.1	100
Black	65	61.5	18.5	20.0	0.0	0.0	0.0	100
Hispanic	93	78.5	17.2	4.3	0.0	0.0	0.0	100
<b>Region</b>								
Northeast	338	80.8	14.8	4.1	0.3	0.0	0.0	100
Midwest	550	76.4	16.7	6.5	0.2	0.0	0.2	100
South	549	74.9	17.5	7.3	0.2	0.2	0.0	100
West	352	79.3	15.9	4.8	0.0	0.0	0.0	100

<sup>1</sup> Table is based on variables: MXA26

**Table 3.32. Percent adding salt to the foods fed to babies with each frequency in the past 2 weeks by infant age<sup>1</sup>, among mothers who had fed any food or drink besides breast milk or formula**

Infant Feeding Practices Study II

<b>Infant age in months</b>	<b>N</b>	<b>Never</b>	<b>Rarely</b>	<b>Sometimes</b>	<b>Most of the time</b>	<b>Always</b>	<b>Total (%)</b>
9	1,903	86.2	9.2	4.2	0.3	0.2	100
10	1,785	73.6	18.1	7.4	0.8	0.1	100
12	1,784	62.3	24.4	11.4	1.7	0.2	100

<sup>1</sup> Table is based on variables: M9A26, MXA28, MWA25

**Table 3.33. Percent of mothers who used iodized salt for the baby's food by infant age and selected demographics<sup>1</sup>, among mothers who added salt to their baby's food in the past 2 weeks**

Infant Feeding Practices Study II

	Month 9				Month 10				Month 12			
	N	Yes	No	Total (%)	N	Yes	No	Total (%)	N	Yes	No	Total (%)
ALL	257	65.0	35.0	100	467	69.6	30.4	100	668	73.7	26.3	100
<b>Age</b>												
18-24	55	61.8	38.2	100	98	69.4	30.6	100	118	74.6	25.4	100
25-29	90	71.1	28.9	100	159	74.2	25.8	100	239	70.7	29.3	100
30-34	70	55.7	44.3	100	137	61.3	38.7	100	183	73.2	26.8	100
35+	42	71.4	28.6	100	73	75.3	24.7	100	128	78.9	21.1	100
<b>Parity</b>												
Primiparous	66	57.6	42.4	100	126	68.3	31.7	100	180	70.6	29.4	100
Multiparous	184	66.8	33.2	100	333	69.7	30.3	100	478	74.5	25.5	100
<b>Education</b>												
HS or less	55	74.5	25.5	100	90	67.8	32.2	100	120	71.7	28.3	100
Some college	96	60.4	39.6	100	153	69.3	30.7	100	214	75.7	24.3	100
College graduate	87	63.2	36.8	100	199	69.8	30.2	100	305	71.8	28.2	100
<b>Income (% of poverty)</b>												
< 185%	125	68.0	32.0	100	200	71.0	29.0	100	261	74.7	25.3	100
185- < 350%	84	64.3	35.7	100	170	68.2	31.8	100	261	72.8	27.2	100
>=350%	48	58.3	41.7	100	97	69.1	30.9	100	146	73.3	26.7	100
<b>WIC Participant</b>												
No	142	58.5	41.5	100	285	69.1	30.9	100	436	71.6	28.4	100
Yes	115	73.0	27.0	100	182	70.3	29.7	100	232	77.6	22.4	100
<b>Race</b>												
White	203	65.5	34.5	100	379	70.4	29.6	100	541	73.6	26.4	100
Black	11	54.5	45.5	100	21	52.4	47.6	100	26	53.8	46.2	100
Hispanic	18	66.7	33.3	100	30	70.0	30.0	100	41	82.9	17.1	100
<b>Region</b>												
Northeast	36	58.3	41.7	100	66	60.6	39.4	100	107	71.0	29.0	100
Midwest	63	69.8	30.2	100	133	74.4	25.6	100	200	73.5	26.5	100
South	102	66.7	33.3	100	172	73.8	26.2	100	229	74.7	25.3	100
West	56	60.7	39.3	100	96	61.5	38.5	100	132	74.2	25.8	100

<sup>1</sup> Table is based on variables: M9A27, MXA29, MWA26

**Table 3.34. Percent of mothers who gave their babies each kind of cow's milk in the past 7 days by infant age<sup>1, 2</sup>, among mothers who fed any food or drink besides breast milk or formula**

Infant Feeding Practices Study II

Infant age in months	N	Didn't give cow's milk	Whole milk	Reduced fat (2%) milk	Lowfat (1%) milk	Skim milk	Whole evaporated milk	Skim evaporated milk	Lactose reduced milk
9	1,907	90.6	3.7	1.9	0.6	0.4	0.2	0.0	0.0
10	1,726	80.8	13.2	6.4	1.3	0.7	0.2	0.1	0.3
12	1,787	17.1	69.3	16.5	3.5	2.5	0.2	0.0	1.2

<sup>1</sup> Table is based on variables: M9A24A-H, MXA24A-H, MWA23A-H <sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.35. Percent of mothers who breastfed their babies as long as they wanted to by breastfeeding duration and selected demographics<sup>1</sup>, among mothers who completely stopped breastfeeding and pumping milk for their baby during the study**

Infant Feeding Practices Study II

	Total		Breastfed <3		Breastfed 3-5		Breastfed 6-8		Breastfed >=9	
			Months		Months		Months		Months	
	N	%	N	%	N	%	N	%	N	%
ALL	1,435	40.1	691	23.3	288	40.6	192	52.1	264	75.0
<b>Age</b>										
18-24	349	37.2	225	24.0	68	44.1	25	76.0	31	87.1
25-29	494	39.3	225	23.6	101	37.6	72	44.4	96	74.0
30-34	383	41.8	151	21.2	80	40.0	59	47.5	93	73.1
35+	208	43.8	89	23.6	39	43.6	36	58.3	44	72.7
<b>Parity</b>										
Primiparous	470	36.0	257	20.2	95	42.1	52	55.8	66	72.7
Multiparous	926	42.4	406	24.9	185	38.9	138	51.4	197	75.6
<b>Education</b>										
HS or less	268	35.4	160	23.8	45	44.4	30	53.3	33	63.6
Some college	542	34.5	285	20.4	103	32.0	64	43.8	90	75.6
College graduate	531	48.4	178	24.2	122	43.4	95	56.8	136	78.7
<b>Income (% of poverty)</b>										
< 185%	570	38.9	316	26.6	98	39.8	63	57.1	93	67.7
185- < 350%	497	37.8	227	19.4	98	31.6	73	42.5	99	82.8
>=350%	368	45.1	148	22.3	92	51.1	56	58.9	72	73.6
<b>WIC Participant</b>										
No	863	43.8	338	22.2	182	40.7	152	51.3	191	79.1
Yes	572	34.6	353	24.4	106	40.6	40	55.0	73	64.4
<b>Race</b>										
White	1,164	39.5	542	22.1	235	37.9	163	49.7	224	75.9
Black	62	46.8	35	31.4	14	57.1	5	60.0	8	87.5
Hispanic	101	50.5	53	34.0	22	54.5	12	75.0	14	85.7
<b>Region</b>										
Northeast	226	46.5	104	27.9	46	43.5	27	70.4	49	75.5
Midwest	442	40.7	221	23.1	90	43.3	57	63.2	74	73.0
South	485	38.1	258	21.7	94	44.7	59	49.2	74	78.4
West	282	37.6	108	23.1	58	27.6	49	32.7	67	73.1

<sup>1</sup> Table is based on variables: M\_B4

**Table 3.36. Percent of mothers who completely stopped breastfeeding and pumping milk in each infant age group by selected demographics<sup>1</sup>, among breastfeeding mothers**

Infant Feeding Practices Study II

	N	<1 month	1-2 months	3-5 months	6-8 months	>=9 months	Total (%)
ALL	1,669	26.2	24.0	19.8	12.9	17.1	100
<b>Age</b>							
18-24	431	39.9	26.7	18.3	7.0	8.1	100
25-29	571	23.6	24.0	20.7	13.7	18.0	100
30-34	431	20.0	20.9	21.1	15.8	22.3	100
35+	233	18.0	24.9	18.0	16.7	22.3	100
<b>Parity</b>							
Primiparous	550	32.4	24.7	19.8	10.2	12.9	100
Multiparous	1067	22.5	22.9	19.9	14.7	20.1	100
<b>Education</b>							
HS or less	330	35.2	26.7	16.4	10.6	11.2	100
Some college	640	29.7	23.8	19.4	11.9	15.3	100
College graduate	571	15.1	19.6	22.6	17.7	25.0	100
<b>Income (% of poverty)</b>							
< 185%	683	32.4	25.0	17.3	10.4	14.9	100
185- < 350%	574	23.7	24.7	19.2	14.5	17.9	100
>=350%	412	19.4	21.4	24.8	14.8	19.7	100
<b>WIC Participant</b>							
No	54	19.7	21.1	20.6	17.3	21.2	100
Yes	232	35.2	28.0	18.6	6.7	11.4	100
<b>Race</b>							
White	1329	26.2	22.4	20.0	13.5	17.8	100
Black	85	35.3	25.9	21.2	7.1	10.6	100
Hispanic	124	22.6	30.6	19.4	13.7	13.7	100
<b>Region</b>							
Northeast	265	23.8	23.8	20.4	12.1	20.0	100
Midwest	507	28.6	23.7	19.5	12.2	16.0	100
South	566	29.5	26.1	18.7	11.5	14.1	100
West	331	18.7	21.1	21.5	16.9	21.8	100

<sup>1</sup> Table is based on variables: BFDURATN

**Table 3.37. Percent of mothers indicating each reason for stopping breastfeeding by infant age at weaning<sup>1, 2, 3</sup>**

Infant Feeding Practices Study II

Reason for stopping breastfeeding <sup>3</sup>	Month stopped breastfeeding				
	< 1	1-2	3-5	6-8	>=9
My baby had trouble sucking or latching on	53.7	27.1	11.0	2.6	1.5
My baby became sick and could not breastfeed	9.5	7.4	5.5	6.3	1.9
My baby began to bite	5.2	5.7	13.4	38.5	31.7
My baby lost interest in nursing or began to wean him or herself	13.2	19.7	33.1	47.9	47.3
My baby was old enough that the difference between breast milk and formula no longer mattered	5.2	11.4	16.5	26.6	28.2
Breast milk alone did not satisfy my baby	49.7	55.6	49.1	49.5	43.5
I thought that my baby was not gaining enough weight	23.0	18.3	11.0	14.1	8.4
A health professional said my baby was not gaining enough weight	19.8	15.2	8.6	9.9	5.0
I had trouble getting the milk flow to start	41.4	23.2	19.6	14.6	5.7
I didn't have enough milk	51.7	52.1	54.0	43.8	26.0
My nipples were sore, cracked, or bleeding	36.8	23.2	7.2	5.7	4.2
My breasts were overfull or engorged	23.9	12.3	4.8	1.6	1.1
My breasts were infected or abscessed	8.0	5.7	3.1	3.1	3.1
My breasts leaked too much	14.1	8.0	3.8	1.6	1.9
Breastfeeding was too painful	29.3	15.8	3.4	3.6	4.2
Breastfeeding was too tiring	19.8	17.2	11.0	7.8	5.3
I was sick or had to take medicine	14.4	16.3	14.8	12.5	8.0
Breastfeeding was too inconvenient	20.4	22.3	18.6	12.5	4.2
I did not like breastfeeding	16.4	10.9	6.2	3.1	1.9
I wanted to be able to leave my baby for several hours at a time	11.2	24.1	18.2	15.6	7.3
I wanted to go on a weight loss diet	6.6	7.2	10.3	10.9	6.5
I wanted to go back to my usual diet	5.5	9.5	7.2	5.2	5.0
I wanted to smoke again or more than I did while breastfeeding	6.0	5.2	3.4	1.0	0.8
I had too many household duties	12.6	14.0	9.6	5.2	3.8
I could not or did not want to pump or breastfeed at work	11.2	22.3	21.3	13.5	4.6
Pumping milk no longer seemed worth the effort that it required	16.7	21.2	23.7	17.7	11.5
I was not present to feed my baby for reasons other than work	3.2	6.9	5.2	5.2	2.7
I wanted or needed someone else to feed my baby	16.4	23.2	21.0	17.2	6.1
Someone else wanted to feed the baby	13.5	15.5	12.0	5.7	3.4
I did not want to breastfeed in public	14.9	18.6	15.1	4.7	4.6
I wanted my body back to myself	8.9	13.2	16.8	18.8	15.6
I became pregnant or wanted to become pregnant again	1.7	3.4	3.4	6.8	12.2
N	348	350	291	193	262

<sup>1</sup> Table is based on variables: M\_B6A-FF

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

<sup>3</sup> Percentages shown are those that indicated reason was 'Somewhat important' or 'Very important'

**Table 3.38. Percent of mothers who thought various people wanted them to stop breastfeeding<sup>1, 2</sup>, among mothers who completely stopped breastfeeding and pumping milk for their infant in each age group**

Infant Feeding Practices Study II

People who wanted mothers to stop breastfeeding	Month stopped breastfeeding				
	< 1	1-2	3-5	6-8	>=9
Baby's father	7.2	7.7	5.5	7.3	11.8
Your mother	6.3	6.2	4.4	4.2	4.9
Your mother-in-law	2.9	4.5	4.1	1.0	5.7
Your grandmother	1.4	0.9	0.0	0.5	1.1
Another family member	2.0	2.0	1.4	2.6	3.8
A doctor or other health professional	7.0	6.0	3.4	5.2	5.4
Your employer or supervisor	0.3	1.4	3.4	1.0	0.0
N	348	350	292	192	262

<sup>1</sup> Table is based on variables: M\_B7A-G

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.39. Percent of mothers who rated their breastfeeding experience in each way<sup>1</sup>, among mothers who completely stopped breastfeeding and pumping milk for their infant in each age group**

Infant Feeding Practices Study II

	Month stopped breastfeeding				
	<1	1-2	3-5	6-8	>=9
(1) Very unfavorable	7.2	2.6	0.7	0.5	0.4
(2)	12.4	5.7	1.7	1.0	0.4
(3)	27.7	14.5	8.5	2.1	3.0
(4)	21.3	21.9	16.3	14.0	8.4
(5) Very favorable	31.4	55.3	72.8	82.4	87.8
Total(%)	100	100	100	100	100
Total(N)	347	351	294	193	263

<sup>1</sup> Table is based on variables: M\_B8

**Table 3.40. Percent of mothers who rated their likelihood of breastfeeding a subsequent child<sup>1</sup>, among mothers who completely stopped breastfeeding and pumping milk for their infant in each age group**

Infant Feeding Practices Study II

	Month stopped breastfeeding				
	<1	1-2	3-5	6-8	>=9
(1) Not at all likely	10.4	3.4	1.4	0.0	0.4
(2)	8.4	0.9	1.7	0.0	0.0
(3)	11.6	8.0	3.4	0.5	1.1
(4)	20.3	11.7	4.8	2.1	3.0
(5) Very likely	49.3	76.1	88.8	97.4	95.4
Total(%)	100	100	100	100	100
Total(N)	345	351	294	193	263

<sup>1</sup> Table is based on variables: M\_B9

**Table 3.41. Percent of mothers who would feel comfortable nursing their baby in the presence of close women friends prenatally and at various infant ages in months by selected demographics<sup>1, 2</sup>, among mothers who intended to or breastfed their baby**

Infant Feeding Practices Study II

	Prenatal		Neonatal		Month 2		Month 5		Month 7	
	N	%	N	%	N	%	N	%	N	%
ALL	4,171	66.1	2,020	77.4	2,071	75.6	1,239	80.3	978	79.6
<b>Age</b>										
18-24	1,131	63.5	374	73.5	414	76.8	152	83.6	109	78.9
25-29	1,374	67.5	719	78.3	734	74.4	456	80.5	350	78.3
30-34	1,045	66.5	582	77.1	583	75.1	395	79.5	317	80.1
35+	612	66.7	344	80.2	339	77.6	236	79.2	202	81.2
<b>Parity</b>										
Primiparous	1,361	60.9	536	71.8	615	71.2	309	76.1	234	74.8
Multiparous	2,666	69.0	1,442	79.8	1,420	77.7	916	81.8	736	81.4
<b>Education</b>										
HS or less	814	62.0	294	73.8	324	72.2	149	81.9	113	75.2
Some college	1,547	67.7	751	77.6	782	75.6	421	80.0	310	77.1
College graduate	1,333	68.2	852	80.4	852	77.0	632	80.2	529	82.0
<b>Income (% of poverty)</b>										
< 185%	1,801	66.6	786	76.7	789	76.8	424	82.5	340	76.5
185- < 350%	1,456	66.5	761	78.7	764	76.0	482	80.5	382	82.5
>=350%	914	64.4	473	76.5	518	73.2	333	77.2	256	79.3
<b>WIC Participant</b>										
No	1,604	68.8	1,313	78.7	1,342	74.8	905	79.3	728	80.4
Yes	1,013	65.4	707	75.1	729	77.1	334	82.9	250	77.2
<b>Race</b>										
White	3,261	67.4	1,654	79.1	1,717	77.0	1,071	80.4	840	79.8
Black	240	63.3	85	71.8	74	79.7	28	92.9	26	76.9
Hispanic	304	67.4	128	71.1	133	67.7	55	78.2	44	81.8
<b>Region</b>										
Northeast	663	65.3	336	78.6	340	76.2	213	80.8	173	76.3
Midwest	1,175	63.2	575	77.0	596	72.8	360	78.1	276	78.3
South	1,432	65.4	626	76.2	661	76.4	358	84.6	276	82.2
West	901	71.4	483	78.7	474	77.6	308	77.6	253	80.2

<sup>1</sup> Table is based on variables: P33A, N59A, M2D3A, M5D2A, M7D2A

<sup>2</sup> Percentages shown indicates 'Somewhat comfortable' or 'Very comfortable'

**Table 3.42. Percent of mothers who would feel comfortable nursing their baby in the presence of men and women who are close friends prenatally and at various infant ages in months by selected demographics<sup>1, 2</sup>, among mothers who intended to or breastfed their baby**

Infant Feeding Practices Study II

	Prenatal		Neonatal		Month 2		Month 5		Month 7	
	N	%	N	%	N	%	N	%	N	%
ALL	4,168	39.5	2,019	46.2	2,070	48.9	1,237	55.3	979	55.8
<b>Age</b>										
18-24	1,132	37.3	373	45.8	411	49.4	152	57.9	109	61.5
25-29	1,371	40.8	718	46.2	735	49.1	456	56.1	350	57.1
30-34	1,045	40.7	582	46.9	582	47.1	394	55.6	317	54.6
35+	611	38.6	345	44.9	341	50.7	235	51.5	203	52.2
<b>Parity</b>										
Primiparous	1,360	31.9	537	38.7	615	41.3	308	47.1	234	47.9
Multiparous	2,664	43.6	1,440	49.2	1,418	52.3	915	58.1	737	58.5
<b>Education</b>										
HS or less	813	38.7	294	43.9	324	46.3	149	56.4	113	52.2
Some college	1,547	40.7	752	48.9	781	50.8	420	58.8	311	58.2
College graduate	1,333	38.3	851	45.4	854	47.8	631	52.6	529	54.6
<b>Income (% of poverty)</b>										
< 185%	1,799	41.7	785	48.0	786	51.8	424	59.7	340	57.1
185- < 350%	1,457	40.8	762	48.0	764	50.5	481	57.2	383	57.4
>=350%	912	32.9	472	40.0	520	42.1	332	47.0	256	51.6
<b>WIC Participant</b>										
No	1,605	38.9	1,313	45.2	1,343	47.4	903	51.8	728	53.3
Yes	1,014	42.3	706	47.9	727	51.7	334	64.7	251	62.9
<b>Race</b>										
White	3,260	39.8	1,653	47.6	1,716	50.2	1,069	56.5	841	56.6
Black	238	39.9	85	43.5	73	50.7	28	46.4	26	42.3
Hispanic	304	39.1	127	33.9	132	39.4	55	52.7	44	54.5
<b>Region</b>										
Northeast	662	36.7	335	45.1	339	47.8	213	51.6	173	46.8
Midwest	1,175	37.1	574	45.5	594	49.8	359	53.8	277	56.7
South	1,432	38.7	627	44.8	661	44.3	358	55.6	276	56.9
West	899	45.9	483	49.5	476	54.8	307	59.3	253	59.7

<sup>1</sup> Table is based on variables: P33B, N59B, M2D3B, M5D2B, M7D2B

<sup>2</sup> Percentages shown indicates 'Somewhat comfortable' or 'Very comfortable'

**Table 3.43. Percent of mothers who would feel comfortable nursing their baby in the presence of men and women who are not close friends prenatally and at various infant ages in months by selected demographics<sup>1, 2</sup>, among mothers who intended to or breastfed their baby**

Infant Feeding Practices Study II

	Prenatal		Neonatal		Month 2		Month 5		Month 7	
	N	%	N	%	N	%	N	%	N	%
ALL	4,166	19.4	2,018	22.0	2,069	24.4	1,238	30.0	978	34.6
<b>Age</b>										
18-24	1,131	16.5	372	21.0	409	24.2	152	29.6	109	36.7
25-29	1,372	19.7	719	22.7	737	25.8	456	31.6	350	34.9
30-34	1,044	21.0	582	21.8	581	23.4	394	27.2	317	34.1
35+	610	21.3	344	21.8	341	23.5	236	32.2	202	33.7
<b>Parity</b>										
Primiparous	1,359	12.5	536	15.9	613	17.0	309	24.6	234	28.2
Multiparous	2,665	23.1	1,440	24.4	1,420	27.7	915	31.9	736	36.5
<b>Education</b>										
HS or less	813	17.8	293	19.5	322	24.5	149	28.9	113	32.7
Some college	1,547	19.8	752	24.7	780	27.3	421	29.9	311	36.3
College graduate	1,331	19.2	851	20.8	853	21.8	631	29.8	528	33.7
<b>Income (% of poverty)</b>										
< 185%	1,799	21.2	784	25.0	785	27.4	424	33.0	340	35.6
185- < 350%	1,454	20.0	762	21.9	764	25.5	481	29.9	383	36.0
>=350%	913	14.9	472	17.2	520	18.3	333	26.4	255	31.0
<b>WIC Participant</b>										
No	1,602	18.7	1,313	20.9	1,343	22.8	904	27.8	727	33.3
Yes	1,011	21.9	705	24.0	726	27.4	334	36.2	251	38.2
<b>Race</b>										
White	3,258	19.3	1,653	22.4	1,716	24.7	1,070	30.7	840	35.1
Black	239	23.8	85	25.9	73	28.8	28	32.1	26	26.9
Hispanic	305	17.0	126	17.5	132	22.0	55	23.6	44	29.5
<b>Region</b>										
Northeast	663	16.4	334	18.0	340	22.6	212	26.9	173	28.3
Midwest	1,173	18.0	575	22.3	594	24.6	360	30.6	276	37.0
South	1,430	20.7	627	22.5	661	23.0	358	30.7	276	33.0
West	900	21.3	482	23.9	474	27.4	308	30.8	253	37.9

<sup>1</sup> Table is based on variables: P33C, N59C, M2D3C, M5D2C, M7D2C

**Table 3.44. Percent of mothers who said that they expected to completely stop breastfeeding when their infant was each age prenatally and at various infant ages in months<sup>1</sup>, among mothers who intended to or breastfed their baby**

Infant Feeding Practices Study II

Infant age in months	Percent who expected each breastfeeding duration in months														Total (%)
	N	<2	2	3	4	5	6	7	8	9	10	11	12	>12	
Prenatal	3,810	2.4	3.2	5.4	3.3	2.4	18.4	4.3	4.6	6.9	4.7	2.3	28.2	13.9	100
Neonatal	2,111	3.4	3.6	6.0	3.1	1.9	17.7	2.0	4.2	6.1	3.0	1.6	31.6	15.8	100
2	1,547	n/a	1.1	2.8	3.9	1.7	16.7	2.9	3.2	5.6	4.7	1.2	34.8	21.5	100
5	1,127	n/a	n/a	n/a	0.5	1.2	9.8	5.0	3.5	5.9	5.0	1.4	42.4	25.3	100
7	859	n/a	n/a	n/a	n/a	n/a	0.3	1.5	4.4	5.5	5.7	1.7	48.5	32.2	100

<sup>1</sup> Table is based on variables: P31, N62, M2D5, M5D4, M7D4

**Table 3.45. Percent of mothers who felt confident that they would be able to breastfeed until the baby's age they desired prenatally and at various infant ages in months by selected demographics<sup>1, 2</sup>, among mothers who intended to or breastfed their baby**

Infant Feeding Practices Study II

	Prenatal		Neonatal		Month 2		Month 5		Month 7	
	N	%	N	%	N	%	N	%	N	%
ALL	3,759	67.2	2,100	75.2	1,525	86.0	1,127	88.6	852	92.5
<b>Age</b>										
18-24	1,006	64.1	399	71.7	229	84.3	131	80.9	91	92.3
25-29	1,249	67.5	748	77.4	562	86.7	414	88.9	304	94.4
30-34	950	68.1	604	74.7	462	86.1	366	89.3	278	91.4
35+	545	70.5	348	75.3	272	85.7	216	91.7	179	91.1
<b>Parity</b>										
Primiparous	1,220	61.2	580	62.9	408	80.4	273	85.3	208	88.0
Multiparous	2,413	70.6	1,476	80.1	1,095	88.1	844	89.7	639	93.9
<b>Education</b>										
HS or less	698	64.5	306	74.5	196	85.2	135	89.6	94	93.6
Some college	1,415	67.9	783	75.0	555	86.7	375	86.4	265	93.6
College graduate	1,223	70.0	881	76.2	709	86.0	585	89.9	473	92.4
<b>Income (% of poverty)</b>										
< 185%	1,599	67.2	805	77.4	539	88.3	392	89.0	294	94.2
185- < 350%	1,316	69.2	783	77.1	589	86.8	443	88.5	341	93.5
>=350%	844	63.9	512	68.8	397	81.6	292	88.4	217	88.5
<b>WIC Participant</b>										
No	1,483	70.0	1,370	76.3	1,062	86.3	824	88.8	636	92.0
Yes	894	66.8	730	73.2	463	85.3	303	88.1	216	94.0
<b>Race</b>										
White	2,948	67.6	1,712	75.5	1,285	86.5	977	89.2	739	93.5
Black	216	63.4	88	80.7	47	85.1	24	95.8	18	83.3
Hispanic	269	65.4	136	73.5	92	85.9	49	87.8	37	91.9
<b>Region</b>										
Northeast	599	69.9	347	75.5	256	83.6	198	89.9	158	93.7
Midwest	1,056	65.7	599	74.1	437	86.5	328	88.4	241	94.2
South	1,271	65.5	661	75.0	447	86.1	318	88.1	231	90.5
West	833	69.6	493	76.5	385	86.8	283	88.7	222	91.9

<sup>1</sup> Table is based on variables: P32, N63, M2D6, M5D5, M7D5

<sup>2</sup> Percentages shown indicates 'Somewhat confident' or 'Very confident'

**Table 3.46. Percent of mothers who worked for pay any time in the past 4 weeks by infant age and selected demographics<sup>1</sup>, among breastfeeding mothers**

Infant Feeding Practices Study II

	Month 2		Month 5		Month 7	
	N	%	N	%	N	%
ALL	1,554	27.3	1,132	43.5	857	42.8
<b>Age</b>						
18-24	233	25.8	130	43.1	91	42.9
25-29	569	29.2	415	41.0	305	35.7
30-34	473	26.6	367	42.5	282	45.7
35+	279	25.8	220	50.0	179	50.3
<b>Parity</b>						
Primiparous	414	27.8	273	56.0	207	56.5
Multiparous	1,117	26.6	850	39.1	645	38.3
<b>Education</b>						
HS or less	199	18.1	138	27.5	96	24.0
Some college	569	26.4	377	37.4	265	34.7
College graduate	718	30.4	586	51.0	476	51.5
<b>Income (% of poverty)</b>						
< 185%	546	24.2	393	31.6	296	30.4
185- < 350%	601	27.1	445	43.4	340	43.5
>=350%	407	31.7	294	59.5	221	58.4
<b>WIC Participant</b>						
No	1,086	28.0	829	46.2	641	46.6
Yes	468	25.6	303	36.0	216	31.5
<b>Race</b>						
White	1,306	27.3	982	43.4	744	43.7
Black	51	27.5	24	66.7	19	36.8
Hispanic	94	24.5	49	34.7	37	35.1
<b>Region</b>						
Northeast	264	26.1	200	42.0	158	41.8
Midwest	442	29.4	330	49.1	242	45.9
South	458	28.6	318	43.1	236	41.5
West	390	24.1	284	38.4	221	41.6

<sup>1</sup> Table is based on variables: M2D10, M5D9, M7D9

**Table 3.47. Percent of mothers indicating each method of feeding their baby breast milk while they were working by infant age<sup>1, 2</sup>, among mothers who worked for pay while breastfeeding**

Infant Feeding Practices Study II

<b>Methods of feeding babies breast milk while working</b>	<b>Month 2</b>	<b>Month 5</b>	<b>Month 7</b>
I keep my baby with me while I work and breastfeed during my work day	38.1	26.4	28.2
I go to my baby and breastfeed him or her during my work day	7.7	8.9	10.2
My baby is brought to me to breastfeed during my work day	2.9	2.9	3.3
I pump milk during my work day and save it for my baby to drink later	51.3	58.0	50.8
I pump milk during my work day, but I do not save it for my baby to drink later	0.7	0.8	1.1
I neither pump milk nor breastfeed during my work day	12.0	14.1	17.7
N	417	481	362

<sup>1</sup> Table is based on variables: M2D11A-F, M5D10A-F, M7D10A-F

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.48. Percent of babies who were fed formula either by mother or anyone else in the past 2 weeks by infant age and selected demographics<sup>1</sup>, among babies who were breastfed**

Infant Feeding Practices Study II

	Month 2		Month 5		Month 7	
	N	%	N	%	N	%
ALL	1,474	40.4	1,076	35.9	817	34.3
<b>Age</b>						
18-24	225	49.8	127	40.9	87	32.2
25-29	538	35.3	387	29.5	292	25.7
30-34	446	39.7	349	38.4	271	38.4
35+	265	44.2	213	40.4	167	43.7
<b>Parity</b>						
Primiparous	390	43.3	260	39.6	196	36.2
Multiparous	1,064	39.0	806	34.5	617	33.5
<b>Education</b>						
HS or less	188	47.3	132	38.6	92	35.9
Some college	530	43.8	355	35.8	258	32.2
College graduate	693	34.8	558	34.4	446	35.0
<b>Income (% of poverty)</b>						
< 185%	514	41.8	370	34.1	284	32.0
185- < 350%	576	39.2	433	35.3	322	34.5
>=350%	384	40.4	273	39.2	211	37.0
<b>WIC Participant</b>						
No	1,036	36.9	789	34.5	607	34.9
Yes	438	48.9	287	39.7	210	32.4
<b>Race</b>						
White	1,239	38.4	935	34.3	712	32.4
Black	49	53.1	21	61.9	18	44.4
Hispanic	89	52.8	44	47.7	34	52.9
<b>Region</b>						
Northeast	245	46.9	187	37.4	149	34.9
Midwest	425	37.2	314	33.8	233	30.0
South	436	42.9	304	40.8	221	38.5
West	368	37.0	271	31.7	214	34.1

<sup>1</sup> Table is based on variables: M2D12, M5D11, M7D11

**Table 3.49. Percent of mothers indicating each reason for feeding their baby formula by infant age<sup>1, 2</sup>, among mothers who were currently feeding their infant both breast milk and formula**

Infant Feeding Practices Study II

Reason for feeding formula	Month 2	Month 5	Month 7
My baby had trouble sucking or latching on	13.3	6.8	4.7
My baby became sick and could not breastfeed	7.3	3.8	3.4
My baby lost interest in nursing or began to wean him or herself	7.9	11.0	12.7
My baby was old enough that the difference between breast milk and formula no longer mattered	8.1	10.0	15.0
Breast milk alone did not satisfy my baby	49.0	41.9	41.7
I thought that my baby was not gaining enough weight	18.1	13.2	12.4
A health professional said my baby was not gaining enough weight	16.2	10.6	11.0
I didn't have enough milk	44.2	40.6	39.0
My nipples were sore, cracked, or bleeding	16.4	6.5	9.4
My breasts were infected or abscessed	5.8	2.6	3.0
Breastfeeding was too painful	9.5	3.0	5.1
Breastfeeding was too tiring	9.1	7.3	6.8
I was sick or had to take medicine	8.1	6.5	5.9
Breastfeeding was too inconvenient	16.1	13.3	17.8
I wanted to be able to leave my baby for several hours at a time	39.8	45.9	51.3
I could not or did not want to pump or breastfeed at work	11.4	16.4	17.0
Pumping milk no longer seemed worth the effort that it required	8.5	11.6	18.5
I was not present to feed my baby for reasons other than work	33.7	25.4	28.9
I wanted or needed someone else to feed my baby	46.3	48.4	54.9
Someone else wanted to feed the baby	32.4	25.0	21.5
I did not want to breastfeed in public	28.2	22.7	17.0
N	518	337	236

<sup>1</sup> Table is based on variables: M2D13A-U, M5D12A-U, M7D12A-U

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.50. Percent of mothers who pumped or tried to pump milk by infant age and selected demographics<sup>1</sup>, among mothers who breastfed at each age**

Infant Feeding Practices Study II

	Months 0-2			Months 3-5			Months 6-7		
	N	Yes, but didn't get any milk	Yes, and got milk	N	Yes, but didn't get any milk	Yes, and got milk	N	Yes, but didn't get any milk	Yes, and got milk
ALL	2,088	3.3	82.5	1,231	1.3	76.2	975	1.1	58.8
<b>Age</b>									
18-24	413	5.1	81.6	150	1.3	76.0	108	1.9	57.4
25-29	745	2.7	83.8	453	2.0	77.5	350	0.6	59.1
30-34	585	3.2	81.5	393	1.0	75.6	317	2.2	59.0
35+	344	2.3	82.3	235	0.4	74.9	200	0.0	58.5
<b>Parity</b>									
Primiparous	616	5.2	89.1	308	0.6	88.6	233	0.0	77.3
Multiparous	1,433	2.3	79.7	910	1.4	72.1	734	1.5	52.5
<b>Education</b>									
HS or less	327	6.4	76.5	153	3.9	60.8	112	1.8	42.0
Some college	783	2.4	82.8	417	0.5	75.5	310	0.6	54.2
College graduate	862	2.4	84.9	626	1.1	81.0	529	1.3	65.4
<b>Income (% of poverty)</b>									
< 185%	790	4.3	76.1	423	1.7	67.8	339	1.2	44.8
185- < 350%	773	2.6	83.6	475	1.3	76.6	380	1.3	61.1
>=350%	525	2.7	90.5	333	0.9	86.2	256	0.8	73.8
<b>WIC Participant</b>									
No	1,360	2.3	84.6	901	1.1	79.0	726	1.0	63.1
Yes	728	5.1	78.6	330	1.8	68.5	249	1.6	46.2
<b>Race</b>									
White	1,731	2.6	83.2	1,064	1.3	77.1	838	1.1	60.0
Black	73	4.1	78.1	28	0.0	85.7	26	3.8	53.8
Hispanic	133	6.8	80.5	55	0.0	72.7	43	0.0	51.2
<b>Region</b>									
Northeast	341	5.0	79.2	213	2.3	76.1	174	1.1	58.0
Midwest	607	2.3	86.7	356	0.8	77.5	275	0.7	60.7
South	666	4.1	82.7	356	1.4	78.4	275	1.8	61.5
West	474	2.1	79.1	306	1.0	72.2	251	0.8	54.2

<sup>1</sup> Table is based on variables: M2D14, M5D13, M7D13

**Table 3.51. Median infant age in weeks when mothers pumped or tried to pump milk the first time by selected demographics<sup>1</sup>, among mothers who pumped or tried to pump milk in the past 2 or 3 months before completing each survey**

Infant Feeding Practices Study II

	Month 2 survey		Month 5 survey		Month 7 survey	
	N	Median infant age in weeks	N	Median infant age in weeks	N	Median infant age in weeks
ALL	1,786	1.0	952	2.0	580	2.0
<b>Age</b>						
18-24	358	0.9	117	2.0	64	2.0
25-29	642	0.9	361	2.0	207	2.0
30-34	494	1.0	299	2.0	193	2.0
35+	291	1.0	175	2.0	116	2.0
<b>Parity</b>						
Primiparous	580	0.7	275	2.0	180	2.0
Multiparous	1,172	1.0	666	2.0	392	2.0
<b>Education</b>						
HS or less	272	0.9	99	1.8	51	2.0
Some college	667	0.9	318	2.0	169	2.0
College graduate	748	1.0	511	2.0	348	2.0
<b>Income (% of poverty)</b>						
< 185%	637	0.9	294	2.0	153	2.0
185- < 350%	664	1.0	371	2.0	236	2.0
>=350%	485	0.7	287	2.0	191	2.0
<b>WIC Participant</b>						
No	1,176	1.0	718	2.0	463	2.0
Yes	610	0.9	234	2.0	117	2.0
<b>Race</b>						
White	1,480	1.0	832	2.0	509	2.0
Black	61	0.9	23	2.0	14	3.2
Hispanic	117	1.0	40	1.5	22	2.0
<b>Region</b>						
Northeast	384	1.0	224	2.0	140	2.0
Midwest	537	0.9	278	2.0	168	1.3
South	577	1.0	285	2.0	170	2.5
West	288	1.0	165	2.0	102	2.0

<sup>1</sup> Table is based on variables: M2D15, M5D14, M7D14

**Table 3.52. Percent of mothers who used each method to pump or express milk by infant age<sup>1, 2</sup>, among mothers who pumped at each age**

Infant Feeding Practices Study II

	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
Electric breast pump	59.1	58.9	60.5
Combination electric and battery operated pump	17.2	14.9	12.7
Battery operated pump	3.8	2.1	1.7
Manual pump	43.6	34.6	33.3
By hand	15.4	12.5	9.0
N	1,781	1,004	598

<sup>1</sup> Table is based on variables: M2D16A-E, M5D15A-E, M7D15A-E

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.53. Percent of mothers who used each number of breast pumps by infant age and selected demographics<sup>1</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

	Number of pumps used at months 0-2					Number of pumps used at months 3-5					Number of pumps used at months 6-7				
	N	1	2	3	>=4	N	1	2	3	>=4	N	1	2	3	>=4
ALL	1,740	66.5	27.5	4.1	1.8	940	75.4	20.3	3.3	1.0	579	83.1	15.4	1.2	0.3
<b>Age</b>															
18-24	343	64.1	26.2	7.0	2.6	108	69.4	24.1	5.6	0.9	59	78.0	20.3	0.0	1.7
25-29	631	65.6	28.7	4.1	1.6	358	73.7	20.7	3.9	1.7	209	83.7	15.8	0.5	0.0
30-34	482	68.7	27.0	2.7	1.7	298	78.5	18.5	2.3	0.7	194	82.5	14.4	2.6	0.5
35+	283	67.5	27.6	3.2	1.8	176	77.3	20.5	2.3	0.0	117	85.5	13.7	0.9	0.0
<b>Parity</b>															
Primiparous	568	59.0	32.4	7.2	1.4	270	70.7	23.3	4.4	1.5	178	82.0	16.3	1.1	0.6
Multiparous	1,140	70.6	24.6	2.6	2.1	659	77.4	19.1	2.7	0.8	393	83.7	14.8	1.3	0.3
<b>Education</b>															
HS or less	262	65.6	27.9	3.8	2.7	94	78.7	16.0	5.3	0.0	49	89.8	8.2	2.0	0.0
Some college	647	68.0	26.7	4.0	1.2	309	72.5	22.0	3.6	1.9	168	83.3	15.5	0.6	0.6
College graduate	737	66.2	27.7	4.2	1.9	511	77.7	19.4	2.3	0.6	350	82.6	15.7	1.4	0.3
<b>Income (% of poverty)</b>															
< 185%	611	67.3	25.0	4.9	2.8	287	77.0	18.5	3.5	1.0	155	85.8	11.0	2.6	0.6
185- < 350%	647	67.1	27.8	3.7	1.4	366	73.8	22.1	3.0	1.1	233	82.0	17.6	0.4	0.0
>=350%	482	64.7	30.3	3.7	1.2	287	76.0	19.9	3.5	0.7	191	82.2	16.2	1.0	0.5
<b>WIC Participant</b>															
No	1,155	68.9	26.8	2.9	1.4	710	76.8	19.6	2.8	0.8	462	82.0	16.5	1.3	0.2
Yes	585	61.7	29.1	6.5	2.7	230	71.3	22.6	4.8	1.3	117	87.2	11.1	0.9	0.9
<b>Race</b>															
White	1,448	67.0	27.7	3.9	1.4	821	75.8	20.5	2.8	1.0	510	83.1	15.5	1.0	0.4
Black	57	59.6	31.6	3.5	5.3	22	50.0	31.8	13.6	4.5	14	71.4	21.4	7.1	0.0
Hispanic	112	70.5	18.8	4.5	6.3	41	85.4	12.2	2.4	0.0	22	81.8	18.2	0.0	0.0
<b>Region</b>															
Northeast	277	67.1	26.4	5.4	1.1	166	77.7	18.7	3.0	0.6	101	83.2	13.9	2.0	1.0
Midwest	527	66.2	29.4	3.8	0.6	276	74.6	21.0	2.5	1.8	170	87.1	11.8	0.6	0.6
South	564	64.0	28.9	4.1	3.0	278	74.5	20.5	4.3	0.7	169	78.7	20.1	1.2	0.0
West	372	70.2	23.7	3.8	2.4	220	75.9	20.5	3.2	0.5	139	83.5	15.1	1.4	0.0

<sup>1</sup> Table is based on variables: M2D17, M5D16, M7D16

**Table 3.54. Percent of mothers who used each type of pump most often by infant age<sup>1</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

<b>The most frequently used pump</b>	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
Electric breast pump	51.9	56.4	59.2
Combination electric and battery operated pump	14.4	15.5	13.5
Battery operated pump	1.7	0.6	0.2
Manual pump	32.0	27.5	27.1
Total(%)	100	100	100
Total(N)	1,739	938	579

<sup>1</sup> Table is based on variables: M2D18, M5D17, M7D17

**Table 3.55. Percent of mothers who got the breast pump they used most often from each source by infant age<sup>1</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

<b>Source of pump used most often</b>	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
I bought it	57.3	60.4	60.4
It was given to me as a gift	13.9	14.0	14.0
I rented it	4.3	1.8	1.0
I got it from WIC	5.4	5.2	5.0
I borrowed it from a friend or relative	12.0	13.5	13.5
I borrowed it from my place of work	0.2	0.4	0.3
I use one provided by a hospital, my place of work, or another place	7.0	4.6	5.7
Total(%)	100	100	100
Total(N)	1,740	940	579

<sup>1</sup> Table is based on variables: M2D19, M5D18, M7D18

**Table 3.56. Percent of mothers whose most often used pump was new when the mother got it or began using it by infant age and selected demographics<sup>1</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

	Months 0-2		Months 3-5		Months 6-7	
	N	%	N	%	N	%
ALL	1,741	72.6	938	73.1	579	73.2
<b>Age</b>						
18-24	343	78.4	108	79.6	59	79.7
25-29	632	75.0	357	76.8	209	76.6
30-34	482	68.0	297	71.4	194	71.6
35+	283	67.8	176	64.8	117	66.7
<b>Parity</b>						
Primiparous	569	70.5	270	72.2	178	69.7
Multiparous	1,140	73.7	657	73.8	393	74.8
<b>Education</b>						
HS or less	262	76.7	94	81.9	49	71.4
Some college	647	72.0	309	69.9	168	70.8
College graduate	738	71.7	509	73.9	350	74.9
<b>Income (% of poverty)</b>						
< 185%	611	74.5	286	73.4	155	72.3
185- < 350%	647	73.6	365	73.7	233	73.4
>=350%	483	68.9	287	72.1	191	73.8
<b>WIC Participant</b>						
No	1,155	71.3	709	72.8	462	72.3
Yes	586	75.3	229	74.2	117	76.9
<b>Race</b>						
White	1,449	71.3	820	72.0	510	72.2
Black	57	84.2	22	81.8	14	85.7
Hispanic	112	83.0	41	82.9	22	86.4
<b>Region</b>						
Northeast	278	77.0	166	75.3	101	78.2
Midwest	527	72.1	275	75.6	170	74.1
South	564	72.7	277	71.1	169	71.6
West	372	69.9	220	70.9	139	70.5

<sup>1</sup> Table is based on variables: M2D20, M5D19, M7D19

**Table 3.57. Percent of mothers who learned how to use the breast pump they used most often in each way by infant age<sup>1, 2</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

<b>How mothers learned to use their main breast pump</b>	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
I read the printed directions that came with the pump	71.9	74.8	75.4
I got instructions for the pump from the internet	2.2	2.8	2.9
I watched a video about how to use the pump	1.6	1.7	1.9
A lactation consultant, WIC staff, nurse, or doctor showed me how to use it	19.3	18.6	16.1
A friend, relative, sales clerk, or other person showed me how to use it	12.3	10.8	12.8
I figured it out without directions or being shown how	15.8	16.8	18.0
<b>N</b>	<b>1,732</b>	<b>937</b>	<b>577</b>

<sup>1</sup> Table is based on variables: M2D21A-F, M5D20A-F, M7D20A-F

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.58. Percent of mothers satisfied with the performance of the breast pump they used most often by infant age and selected demographics<sup>1, 2</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

	Months 0-2		Months 3-5		Months 6-7	
	N	%	N	%	N	%
ALL	1,722	75.2	930	83.9	576	85.8
<b>Age</b>						
18-24	340	63.8	108	75.9	58	72.4
25-29	629	77.1	353	83.9	208	88.5
30-34	476	79.8	294	86.1	194	85.6
35+	276	77.2	175	85.1	116	87.9
<b>Parity</b>						
Primiparous	562	71.4	267	82.0	178	86.0
Multiparous	1,128	77.0	652	84.5	390	85.9
<b>Education</b>						
HS or less	264	65.9	94	75.5	48	75.0
Some college	634	74.6	307	81.4	167	85.6
College graduate	731	79.8	503	86.9	349	87.7
<b>Income (% of poverty)</b>						
< 185%	610	68.0	285	81.1	153	78.4
185- < 350%	637	78.0	365	83.8	232	86.6
>=350%	475	80.6	280	86.8	191	90.6
<b>WIC Participant</b>						
No	1,141	79.5	701	85.9	461	88.5
Yes	581	66.8	229	77.7	115	74.8
<b>Race</b>						
White	1,432	76.2	812	84.7	508	86.8
Black	56	64.3	22	68.2	14	71.4
Hispanic	112	75.9	41	75.6	21	71.4
<b>Region</b>						
Northeast	273	74.4	163	81.6	101	85.1
Midwest	521	76.0	272	86.0	169	87.6
South	559	75.0	276	87.0	167	88.6
West	369	75.1	219	79.0	139	80.6

<sup>1</sup> Table is based on variables: M2D22, M5D21, M7D21

<sup>2</sup> Percentages shown indicate 'Somewhat satisfied' or 'Very satisfied'

**Table 3.59. Percent of mothers hurt by any breast pumps by infant age and selected demographics<sup>1</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

	Months 0-2				Months 3-5				Months 6-7			
	N	Yes	No	Total (%)	N	Yes	No	Total (%)	N	Yes	No	Total (%)
ALL	1,733	13.6	86.4	100	939	8.1	91.9	100	575	4.5	95.5	100
<b>Age</b>												
18-24	343	16.6	83.4	100	108	13.0	87.0	100	59	1.7	98.3	100
25-29	627	12.8	87.2	100	358	10.3	89.7	100	206	4.4	95.6	100
30-34	478	12.8	87.2	100	297	4.0	96.0	100	193	4.7	95.3	100
35+	284	13.4	86.6	100	176	7.4	92.6	100	117	6.0	94.0	100
<b>Parity</b>												
Primiparous	568	15.5	84.5	100	269	8.9	91.1	100	178	5.1	94.9	100
Multiparous	1,134	12.8	87.2	100	659	7.6	92.4	100	389	4.1	95.9	100
<b>Education</b>												
HS or less	263	13.3	86.7	100	94	12.8	87.2	100	49	4.1	95.9	100
Some college	642	14.0	86.0	100	309	8.1	91.9	100	166	3.0	97.0	100
College graduate	733	14.2	85.8	100	510	7.1	92.9	100	348	4.9	95.1	100
<b>Income (% of poverty)</b>												
< 185%	612	14.9	85.1	100	287	10.5	89.5	100	153	5.2	94.8	100
185- < 350%	640	13.3	86.7	100	366	7.9	92.1	100	233	3.9	96.1	100
>=350%	481	12.5	87.5	100	286	5.9	94.1	100	189	4.8	95.2	100
<b>WIC Participant</b>												
No	1,149	12.5	87.5	100	709	6.5	93.5	100	460	4.1	95.9	100
Yes	584	15.8	84.2	100	230	13.0	87.0	100	115	6.1	93.9	100
<b>Race</b>												
White	1,443	13.9	86.1	100	820	8.3	91.7	100	508	4.1	95.9	100
Black	56	8.9	91.1	100	22	9.1	90.9	100	14	0.0	100.0	100
Hispanic	112	13.4	86.6	100	41	2.4	97.6	100	21	4.8	95.2	100
<b>Region</b>												
Northeast	276	12.0	88.0	100	166	5.4	94.6	100	100	4.0	96.0	100
Midwest	525	15.0	85.0	100	276	8.0	92.0	100	169	4.1	95.9	100
South	562	14.1	85.9	100	277	8.3	91.7	100	168	3.6	96.4	100
West	370	12.2	87.8	100	220	10.0	90.0	100	138	6.5	93.5	100

<sup>1</sup> Table is based on variable: M2D23, M5D22, M7D22

**Table 3.60. Percent of mothers hurt by each type of breast pump by infant age<sup>1, 2</sup>, among mothers who were hurt by a pump at each age**

Infant Feeding Practices Study II

	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
Electric breast pump	54.1	47.9	68.0
Combination electric and battery operated pump	18.5	21.9	4.0
Battery operated pump	3.4	5.5	4.0
Manual pump	31.3	31.5	24.0
N	233	73	25

<sup>1</sup> Table is based on variables: M2D24A-D, M5D23A-D, M7D23A-D

<sup>2</sup>Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.61. Percent of mothers hurt by a breast pump in each way by infant age<sup>1, 2</sup>, among mothers who were hurt by a pump at each age**

Infant Feeding Practices Study II

	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
Nipple injury from the pump	13.2	13.9	18.2
Sore nipples from the pump	82.9	87.5	68.2
Infection from a pump injury	1.8	2.8	0.0
Pressure bruise	21.9	22.2	31.8
Other	9.2	2.8	9.1
N	228	72	22

<sup>1</sup> Table is based on variables: M2D25A-E, M5D24A-E, M7D24A-E

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.62. Percent of mothers who went to a medical doctor, lactation consultant, or other health professional because of injuries from a breast pump by infant age and selected demographics<sup>1</sup>, among mothers who were hurt by a pump at each age**

Infant Feeding Practices Study II

	Months 0-2		Months 3-5		Months 6-7	
	N	%	N	%	N	%
ALL	229	11.4	73	11.0	22	0.0
<b>Age</b>						
18-24	56	16.1	13	23.1	1	0.0
25-29	79	8.9	36	5.6	9	0.0
30-34	58	10.3	12	0.0	6	0.0
35+	36	11.1	12	25.0	6	0.0
<b>Parity</b>						
Primiparous	87	12.6	22	13.6	8	0.0
Multiparous	139	10.8	49	8.2	13	0.0
<b>Education</b>						
HS or less	35	17.1	12	8.3	2	0.0
Some college	87	12.6	23	4.3	3	0.0
College graduate	100	9.0	35	11.4	15	0.0
<b>Income (% of poverty)</b>						
< 185%	87	12.6	29	17.2	8	0.0
185- < 350%	84	9.5	28	3.6	7	0.0
>=350%	58	12.1	16	12.5	7	0.0
<b>WIC Participant</b>						
No	141	9.9	45	6.7	16	0.0
Yes	88	13.6	28	17.9	6	0.0
<b>Race</b>						
White	194	10.8	66	7.6	20	0.0
Black	5	20.0	2	100	0	0.0
Hispanic	15	13.3	1	0.0	0	0.0
<b>Region</b>						
Northeast	31	12.9	9	22.2	3	0.0
Midwest	77	13.0	21	9.5	5	0.0
South	77	9.1	22	4.5	6	0.0
West	44	11.4	21	14.3	8	0.0

<sup>1</sup> Table is based on variables: M2D26, M5D25, M7D25

**Table 3.63. Percent of mothers who had each problem with a breast pump by infant age<sup>1, 2</sup>, among mothers who used a pump at each age**

Infant Feeding Practices Study II

<b>Problems mothers had with a breast pump</b>	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
Pressure or suction from the pump was hard to release	6.4	5.7	4.1
Pump was uncomfortable or painful to use even though it did not cause injury	24.7	16.1	12.9
Pump had a bad seal or milk got into the motor or other place it should not be	8.4	8.6	5.8
Could not get pump to work or to express any milk	9.1	6.4	6.2
Pump worked, but did not get enough/much milk	30.0	28.6	26.2
Pump worked, but it took too long to get enough milk	27.7	25.8	18.7
Pump worked for a while but then quit working	5.4	4.8	2.3
Pump had another problem	3.4	3.1	2.6
N	1,723	922	567

<sup>1</sup> Table is based on variables: M2D27A-H, M5D26A-H, M7D26A-H

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.64. Percent of mothers who called the breast pump manufacturer to get help or to report the injury or problem by infant age and selected demographics<sup>1</sup>, among mothers who had any problems with a pump they used at each age**

Infant Feeding Practices Study II

	Months 0-2		Months 3-5		Months 6-7	
	N	%	N	%	N	%
ALL	894	5.1	412	5.6	216	3.7
<b>Age</b>						
18-24	211	3.3	55	5.5	28	3.6
25-29	310	6.1	156	5.8	80	6.3
30-34	231	4.8	129	4.7	64	0.0
35+	142	6.3	72	6.9	44	4.5
<b>Parity</b>						
Primiparous	333	5.7	134	8.2	76	2.6
Multiparous	545	5.0	274	4.4	139	4.3
<b>Education</b>						
HS or less	159	2.5	36	2.8	13	0.0
Some college	320	5.9	141	5.7	47	6.4
College graduate	365	5.5	225	4.9	151	3.3
<b>Income (% of poverty)</b>						
< 185%	329	4.9	136	2.9	64	3.1
185- < 350%	333	5.7	157	3.8	87	4.6
>=350%	232	4.7	119	10.9	65	3.1
<b>WIC Participant</b>						
No	565	5.1	304	5.9	170	3.5
Yes	329	5.2	108	4.6	46	4.3
<b>Race</b>						
White	735	4.8	367	5.4	192	3.6
Black	31	12.9	9	11.1	5	0.0
Hispanic	58	5.2	16	6.3	6	0.0
<b>Region</b>						
Northeast	132	5.3	80	2.5	40	0.0
Midwest	268	5.6	114	8.8	58	6.9
South	306	6.2	119	5.9	59	1.7
West	188	2.7	99	4.0	59	5.1

<sup>1</sup> Table is based on variables: M2D28, M5D27, M7D27

**Table 3.65. Percent of mothers who stopped breastfeeding for a while or completely because of breast pump injury or problems by infant age and selected demographics<sup>1</sup>, among mothers who had any problems with a pump they used at each age**

Infant Feeding Practices Study II

	Months 0-2			Months 3-5			Months 6-7		
	N	Stopped for a while	Stopped completely	N	Stopped for a while	Stopped completely	N	Stopped for a while	Stopped completely
ALL	884	2.8	8.9	399	1.5	0.5	213	0.5	1.9
<b>Age</b>									
18-24	210	4.8	18.1	53	5.7	0.0	27	0.0	3.7
25-29	304	2.6	6.6	153	0.7	0.7	79	0.0	1.3
30-34	230	1.7	4.8	123	0.0	0.0	64	1.6	3.1
35+	140	2.1	7.1	70	2.9	1.4	43	0.0	0.0
<b>Parity</b>									
Primiparous	330	5.5	11.5	130	3.1	0.8	75	0.0	0.0
Multiparous	539	1.3	7.2	266	0.8	0.4	137	0.7	2.9
<b>Education</b>									
HS or less	157	3.2	12.7	33	3.0	0.0	13	0.0	0.0
Some college	317	2.5	10.7	137	2.2	0.0	46	0.0	6.5
College graduate	360	2.5	5.0	218	0.5	0.9	149	0.7	0.7
<b>Income (% of poverty)</b>									
< 185%	325	4.3	12.3	132	3.8	0.0	64	0.0	1.6
185- < 350%	330	2.4	5.2	153	0.7	0.7	84	1.2	3.6
>=350%	229	1.3	9.6	114	0.0	0.9	65	0.0	0.0
<b>WIC Participant</b>									
No	558	1.4	6.8	293	0.0	0.7	168	0.6	1.8
Yes	326	5.2	12.6	106	5.7	0.0	45	0.0	2.2
<b>Race</b>									
White	726	2.2	8.8	355	1.4	0.6	189	0.0	1.6
Black	30	10.0	13.3	9	11.1	0.0	5	20.0	0.0
Hispanic	58	6.9	8.6	15	0.0	0.0	6	0.0	0.0
<b>Region</b>									
Northeast	132	3.8	9.1	78	1.3	0.0	39	0.0	0.0
Midwest	263	3.4	8.0	110	0.0	1.8	57	0.0	0.0
South	304	3.6	10.2	111	2.7	0.0	59	1.7	3.4
West	185	0.0	8.1	100	2.0	0.0	58	0.0	3.4

<sup>1</sup> Table is based on variables: M2D29, M5D28, M7D28

**Table 3.66. Percent of mothers who stopped using the breast pump that injured them or that they had trouble with by infant age and selected demographics<sup>1</sup>, among mothers who had any problems with a pump they used at each age**

Infant Feeding Practices Study II

	Months 0-2			Months 3-5			Months 6-7		
	N	Stopped completely	Stopped, except for special situations	N	Stopped completely	Stopped, except for special situations	N	Stopped completely	Stopped, except for special situations
ALL	856	28.7	7.6	399	13.5	10.3	209	11.0	5.7
<b>Age</b>									
18-24	200	39.5	7.5	55	14.5	14.5	27	3.7	11.1
25-29	295	23.7	7.1	153	15.7	11.8	78	12.8	5.1
30-34	221	24.4	7.2	122	10.7	7.4	63	12.7	6.3
35+	140	30.7	9.3	69	13.0	8.7	41	9.8	2.4
<b>Parity</b>									
Primiparous	317	34.4	6.0	130	18.5	7.7	73	11.0	4.1
Multiparous	524	25.2	8.2	265	11.3	11.3	135	11.1	5.9
<b>Education</b>									
HS or less	146	34.9	6.2	33	27.3	24.2	12	25.0	0.0
Some college	304	33.6	7.2	137	13.1	10.2	44	18.2	11.4
College graduate	357	22.1	8.4	218	10.6	7.3	148	6.8	4.1
<b>Income (% of poverty)</b>									
< 185%	314	35.0	9.2	129	14.0	13.2	62	9.7	8.1
185- < 350%	320	24.4	6.3	156	12.8	12.2	83	15.7	7.2
>=350%	222	26.1	7.2	114	14.0	4.4	64	6.3	1.6
<b>WIC Participant</b>									
No	548	23.4	6.9	294	11.9	8.2	164	7.9	6.1
Yes	308	38.3	8.8	105	18.1	16.2	45	22.2	4.4
<b>Race</b>									
White	707	28.6	7.2	356	13.2	10.7	185	10.8	5.9
Black	28	53.6	3.6	8	37.5	25.0	5	40.0	0.0
Hispanic	54	31.5	7.4	15	0.0	0.0	6	0.0	0.0
<b>Region</b>									
Northeast	124	29.0	5.6	77	6.5	11.7	38	5.3	2.6
Midwest	254	32.7	5.1	111	9.9	11.7	56	14.3	3.6
South	296	27.4	9.8	113	17.7	10.6	58	8.6	5.2
West	182	25.3	8.8	98	18.4	7.1	57	14.0	10.5

<sup>1</sup> Table is based on variables: M2D30, M5D29, M7D29

**Table 3.67. Percent of mothers who used each method to express milk by infant age<sup>1</sup>, among mothers who stopped using the pump that hurt them at each age**

Infant Feeding Practices Study II

<b>Method used to pump or express milk</b>	<b>Months 0-2</b>	<b>Months 3-5</b>	<b>Months 6-7</b>
I changed to a different type of pump (for example, from manual to battery operated)	11.3	18.1	13.9
I changed to a different style of pump of the same type (for example, from one brand or style of electric pump to a different electric pump)	6.7	19.1	13.9
I changed to a new pump that was just like the one that hurt me or that I had trouble with	2.8	6.4	5.6
I stopped using a pump to express milk	14.1	17.0	16.7
I stopped expressing milk	35.9	42.6	52.8
N	496	94	36

<sup>1</sup> Table is based on variables: M2D31, M5D30, M7D30

**Table 3.68. Median number of times mothers pumped milk in the past 2 weeks by infant age and selected demographics<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

	Month 2		Month 5		Month 7	
	N	Median	N	Median	N	Median
ALL	1,091	6.0	686	8.0	438	7.5
<b>Age</b>						
18-24	167	5.0	73	5.0	47	8.0
25-29	406	6.0	254	7.0	143	6.0
30-34	322	6.0	226	10.0	156	10.0
35+	196	7.0	133	8.0	92	10.0
<b>Parity</b>						
Primiparous	348	10.0	210	13.0	151	10.0
Multiparous	726	5.0	470	6.0	282	5.0
<b>Education</b>						
HS or less	120	5.0	61	4.0	31	4.0
Some college	373	5.0	213	6.0	116	5.0
College graduate	551	8.0	395	10.0	281	10.0
<b>Income (% of poverty)</b>						
< 185%	334	4.0	189	4.0	104	3.0
185- < 350%	424	5.0	265	7.0	179	7.0
>=350%	333	10.0	232	12.0	155	12.0
<b>WIC Participant</b>						
No	796	7.0	538	9.0	358	10.0
Yes	295	5.0	148	4.0	80	4.0
<b>Race</b>						
White	925	6.0	603	7.0	387	7.0
Black	31	10.0	18	11.5	9	4.0
Hispanic	61	5.0	28	10.0	17	14.0
<b>Region</b>						
Northeast	243	4.0	153	5.0	103	4.0
Midwest	339	8.0	206	9.0	128	6.5
South	333	7.0	209	8.0	129	10.0
West	176	6.0	118	8.5	78	8.0

<sup>1</sup> Table is based on variables: M2D32, M5D31, M7D31

**Table 3.69. Percent of mothers who pumped on a regular schedule by infant age and selected demographics<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

	Months 0-2		Months 3-5		Months 6-7	
	N	%	N	%	N	%
ALL	1,128	34.1	710	43.1	453	45.0
<b>Age</b>						
18-24	174	28.7	77	37.7	48	39.6
25-29	422	33.9	264	39.8	145	43.4
30-34	331	36.3	233	45.9	164	43.3
35+	201	35.8	136	47.8	96	53.1
<b>Parity</b>						
Primiparous	359	42.6	215	57.7	152	55.3
Multiparous	750	29.9	488	36.7	296	40.2
<b>Education</b>						
HS or less	132	30.3	66	27.3	32	28.1
Some college	386	27.5	218	34.4	122	34.4
College graduate	563	40.0	407	49.9	289	50.9
<b>Income (% of poverty)</b>						
< 185%	356	24.2	202	28.7	109	27.5
185- < 350%	433	31.6	272	41.9	190	43.7
>=350%	339	47.8	236	56.8	154	59.1
<b>WIC Participant</b>						
No	812	37.9	553	46.5	368	47.8
Yes	316	24.4	157	31.2	85	32.9
<b>Race</b>						
White	953	33.2	625	41.8	399	43.9
Black	31	54.8	19	47.4	10	30.0
Hispanic	70	28.6	29	48.3	17	64.7
<b>Region</b>						
Northeast	186	33.9	121	45.5	82	46.3
Midwest	346	36.1	215	45.1	132	43.9
South	344	38.4	212	45.8	132	47.7
West	252	25.8	162	35.2	107	42.1

<sup>1</sup> Table is based on variables: M2D33, M5D32, M7D32

**Table 3.70. Median infant age in weeks when mothers first began pumping milk on a regular schedule by selected demographics<sup>1</sup>, among mothers who pumped milk on a regular schedule at each age**

Infant Feeding Practices Study II

	Month 2		Month 5		Month 7	
	N	Median infant age in weeks	N	Median infant age in weeks	N	Median infant age in weeks
ALL	386	3.5	300	8.0	199	10.0
<b>Age</b>						
18-24	50	2.5	28	6.5	19	8.6
25-29	142	4.0	103	8.0	62	8.6
30-34	123	3.0	103	8.6	69	10.0
35+	71	4.0	66	8.3	49	10.0
<b>Parity</b>						
Primiparous	154	3.0	123	8.6	80	8.6
Multiparous	224	4.0	174	8.0	118	12.0
<b>Education</b>						
HS or less	40	2.0	18	3.5	9	13.0
Some college	105	3.0	71	7.0	41	8.6
College graduate	226	4.0	201	8.6	143	10.0
<b>Income (% of poverty)</b>						
< 185%	85	4.0	55	6.0	29	12.0
185- < 350%	140	3.5	112	8.0	83	9.0
>=350%	161	3.0	133	8.6	87	10.0
<b>WIC Participant</b>						
No	309	3.0	254	8.6	171	10.0
Yes	77	4.0	46	6.0	28	8.6
<b>Race</b>						
White	317	4.0	256	8.0	172	10.0
Black	17	3.0	9	4.0	3	8.6
Hispanic	20	2.0	13	6.0	10	13.0
<b>Region</b>						
Northeast	64	3.0	54	8.6	45	12.0
Midwest	126	3.0	96	7.5	56	8.3
South	133	4.0	96	8.0	61	9.0
West	63	4.0	54	12.0	37	13.0

<sup>1</sup> Table is based on variables: M2D34, M5D33, M7D33

**Table 3.71. Percent of mothers pumping each number of ounces of milk per pumping session in the past two weeks by infant age<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

<b>Average number of ounces of milk that mothers pumped each time</b>	<b>Month 2 survey</b>	<b>Month 5 survey</b>	<b>Month 7 survey</b>
<=1 ounce	7.9	6.7	5.3
2 ounces	15.0	11.2	10.2
3 to 4 ounces	44.8	38.5	40.0
5 to 6 ounces	22.3	29.8	29.1
7 to 8 ounces	5.9	9.4	11.3
>8 ounces	4.1	4.4	4.0
Total (%)	100	100	100
Total (N)	1,132	704	450

<sup>1</sup> Table is based on variables: M2D35, M5D34, M7D34

**Table 3.72. Percent of mothers indicating each reason for pumping milk in the past two weeks by infant age<sup>1, 2</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

Reasons for pumping milk	Month 2	Month 5	Month 7
To relieve engorgement	42.0	32.2	34.0
Because my nipples were too sore to nurse	4.2	0.9	1.6
To increase my milk supply	33.2	26.5	22.7
To get milk for someone else to feed to my baby	67.8	69.8	62.4
For me to feed to my baby when I do not want to breastfeed or when baby cannot breastfeed	30.7	23.6	19.0
To keep my milk supply up when my baby could not nurse (such as while you were away from your baby or when your baby was too sick to nurse)	26.9	32.2	32.7
To mix with cereal or other food	3.9	34.5	38.5
To have an emergency supply of milk	41.9	34.5	36.7
To donate to a baby other than my own	0.5	0.7	0.5
N	1,104	695	441

<sup>1</sup> Table is based on variables: M2D36A-I, M5D35A-I, M7D35A-I

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.73. Percent of mothers who collected milk from both breasts at the same time with each frequency by infant age<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

<b>Infant age in months</b>	<b>N</b>	<b>Never</b>	<b>Rarely</b>	<b>Sometimes</b>	<b>Most of the time</b>	<b>Always</b>	<b>Total (%)</b>
0-2	1,126	34.6	9.3	10.5	14.4	31.2	100
3-5	701	28.4	9.3	9.4	16.3	36.7	100
6-7	446	31.6	8.3	7.6	15.7	36.8	100

<sup>1</sup> Table is based on variables: M2D37, M5D36, M7D36

**Table 3.74. Percent of mothers who stored their milk in the refrigerator for each number of days in the past two weeks by infant age<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

<b>Number of days that breast milk was stored in the refrigerator</b>	<b>Month 2</b>	<b>Month 5</b>	<b>Month 7</b>
1 day or less	37.4	38.1	36.6
2 to 3 days	34.5	40.0	39.0
4 to 5 days	7.8	8.7	8.3
6 to 8 days	2.6	2.0	2.6
More than 8 days	1.1	0.3	0.0
Don't store milk in a refrigerator	16.6	10.9	13.4
Total (%)	100	100	100
Total (N)	1,125	700	456

<sup>1</sup> Table is based on variables: M2D38, M5D38, M7D38

**Table 3.75. Percent of mothers who usually kept their milk at room temperature for each number of hours in the past two weeks by infant age<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

<b>Number of hours that breast milk was usually kept at room temperature</b>	<b>Month 2</b>	<b>Month 5</b>	<b>Month 7</b>
Less than 1 hour	32.3	33.7	34.3
1 to 2 hours	16.5	14.9	13.0
3 to 4 hours	9.5	8.3	6.6
5 to 8 hours	2.8	3.4	2.6
9 to 11 hours	0.4	0.3	0.0
12 to 16 hours	0.0	0.0	0.2
Don't keep breast milk at room temperature	38.4	39.4	43.3
Total(%)	100	100	100
Total(N)	1,142	698	455

<sup>1</sup> Table is based on variables: M2D39, M5D39, M7D39

**Table 3.76. Percent of mothers who cleaned bottle nipples in each way before using again in the past two weeks by infant age<sup>1</sup>, among mothers who used bottle nipples to feed pumped breast milk at each age**

Infant Feeding Practices Study II

		N	Rarely or never	Some of the time	Most of the time	All of the time	Total (%)
Boiled or sterilized	Month 2	958	52.4	22.0	8.0	17.5	100
	Month 5	605	58.5	23.0	7.1	11.4	100
	Month 7	359	61.8	18.1	8.6	11.4	100
Not cleaned between uses	Month 2	913	97.6	2.0	0.4	0.0	100
	Month 5	584	97.8	1.7	0.5	0.0	100
	Month 7	352	97.4	2.6	0.0	0.0	100
Rinsed with water only	Month 2	932	82.6	11.2	2.9	3.3	100
	Month 5	595	83.0	12.3	2.0	2.7	100
	Month 7	356	86.2	9.6	2.8	1.4	100
Washed by hand with dish detergent	Month 2	991	21.5	18.7	19.9	40.0	100
	Month 5	627	21.5	22.2	20.3	36.0	100
	Month 7	375	25.1	22.7	20.0	32.3	100
Washed in an automatic dish washer	Month 2	968	49.8	15.8	15.0	19.4	100
	Month 5	625	44.2	15.7	18.6	21.6	100
	Month 7	376	41.5	18.1	15.7	24.7	100

<sup>1</sup> Table is based on variables: M2D40A-E, M5D40A-E, M7D40A-E

**Table 3.77. Percent of the following items that were boiled, sterilized in a microwave kit, sterilized with a chemical dip, or washed in a dishwasher with each frequency in the past two weeks by infant age<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

		N	After each use	Once a day	Every 2 to 6 days	About once a week	About once 2 weeks	Never	Items are disposable	Total (%)
Container used to store the milk	Month 2	1,119	35.7	7.0	5.9	5.1	5.2	24.8	16.3	100
	Month 5	696	35.3	6.8	6.3	6.3	5.6	24.4	15.2	100
	Month 7	450	38.7	8.0	5.3	3.8	8.0	24.9	11.3	100
Pump collection kit, including container used to collect the milk	Month 2	1,126	34.6	8.3	9.9	8.0	7.0	31.2	1.0	100
	Month 5	693	31.7	8.5	8.8	9.2	10.0	31.0	0.7	100
	Month 7	447	36.5	8.5	6.7	6.5	10.7	30.6	0.4	100

<sup>1</sup> Table is based on variables: M2D41A-B, M5D41A-B, M7D41A-B

**Table 3.78. Percent of mothers who heated pumped milk in a microwave oven with each frequency by infant age<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

<b>Infant age in months</b>	<b>N</b>	<b>Rarely or never</b>	<b>Sometimes, but less than half the time</b>	<b>About half the time</b>	<b>Most of the time</b>	<b>Total (%)</b>
0-2	1,136	88.0	3.8	1.8	6.3	100
3-5	699	89.3	3.6	2.6	4.6	100
6-7	449	92.0	2.4	1.3	4.2	100

<sup>1</sup> Table is based on variables: M2D42, M5D42, M7D42

**Table 3.79. Percent of mothers who mixed formula with breast milk in the same bottle in the past two weeks by infant age and selected demographics<sup>1</sup>, among mothers who pumped milk at each age**

Infant Feeding Practices Study II

	Months 0-2		Months 3-5		Months 6-7	
	N	%	N	%	N	%
ALL	1,140	8.9	699	8.9	449	9.1
<b>Age</b>						
18-24	184	7.1	76	5.3	51	9.8
25-29	425	8.0	258	5.4	144	3.5
30-34	329	7.9	231	11.7	161	9.3
35+	202	13.9	134	12.7	93	17.2
<b>Parity</b>						
Primiparous	366	10.1	213	9.4	154	9.1
Multiparous	755	8.2	479	8.6	290	9.3
<b>Education</b>						
HS or less	132	6.8	63	6.3	33	12.1
Some college	393	9.9	216	10.2	119	5.9
College graduate	564	8.5	401	8.2	284	9.9
<b>Income (% of poverty)</b>						
< 185%	365	6.8	195	5.6	110	4.5
185- < 350%	436	10.6	271	8.1	186	11.3
>=350%	339	8.8	233	12.4	153	9.8
<b>WIC Participant</b>						
No	815	8.8	547	9.3	363	9.6
Yes	325	8.9	152	7.2	86	7.0
<b>Race</b>						
White	956	9.8	615	8.9	394	9.1
Black	34	8.8	19	5.3	11	27.3
Hispanic	73	1.4	29	3.4	17	0.0
<b>Region</b>						
Northeast	189	7.9	121	10.7	79	7.6
Midwest	347	9.2	210	11.0	132	8.3
South	349	10.0	210	7.6	132	9.8
West	255	7.5	158	6.3	106	10.4

<sup>1</sup> Table is based on variables: M2D43, M5D43, M7D43

**Table 3.80. Percent of mothers who mixed formula and breast milk in each way by infant age<sup>1, 2</sup>, among mothers who mixed formula and breast milk in the same bottle at each age**

Infant Feeding Practices Study II

Infant age in months	N	Added formula powder to breast milk	Added formula concentrate to breast milk	Added prepared (mixed up) formula or ready-to-feed formula to breast milk
0-2	99	34.3	2.0	66.7
3-5	62	25.8	1.6	75.8
6-7	41	19.5	2.4	78.0

<sup>1</sup> Table is based on variables: M2D44A-C, M5D44A-C, M7D44A-C

<sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.81. Percent of mothers of 2-month old infants who thought each form of formula was likely to contain germs by selected demographics<sup>1</sup>**

Infant Feeding Practices Study II

	Ready-to-feed		Liquid concentrate		Powder	
	N	Very likely or somewhat likely	N	Very likely or somewhat likely	N	Very likely or somewhat likely
ALL	2,508	31.1	2,503	35.0	2,507	29.5
<b>Age</b>						
18-24	538	40.9	536	45.0	540	35.7
25-29	849	32.4	853	36.3	850	30.1
30-34	710	26.1	705	30.8	709	27.6
35+	410	24.4	408	26.5	407	23.3
<b>Parity</b>						
Primiparous	716	35.3	717	40.0	713	31.0
Multiparous	1,741	29.4	1,735	33.0	1,743	29.4
<b>Education</b>						
HS or less	460	35.2	462	39.4	464	32.5
Some college	929	33.9	929	37.7	926	32.6
College graduate	953	25.9	949	29.8	950	24.9
<b>Income (% of poverty)</b>						
< 185%	1,015	35.7	1,016	39.4	1,017	33.9
185- < 350%	903	29.9	899	34.0	901	27.7
>=350%	590	25.3	588	29.1	589	24.6
<b>WIC Participant</b>						
No	1,544	27.9	1,537	31.6	1,535	26.7
Yes	964	36.3	966	40.5	972	34.0
<b>Race</b>						
White	2,091	30.9	2,090	34.6	2,089	29.7
Black	100	42.0	100	48.0	100	34.0
Hispanic	146	29.5	143	30.8	146	24.0
<b>Region</b>						
Northeast	444	28.8	441	29.9	444	27.9
Midwest	757	33.6	755	37.9	757	32.0
South	793	28.5	792	34.5	792	30.2
West	514	33.7	515	36.1	514	26.3

<sup>1</sup> Table is based on variables: M2E1A-C

**Table 3.82. Percent of mothers whose babies were fed infant formula in the past two weeks by infant age and selected demographics<sup>1</sup>**

Infant Feeding Practices Study II

	Month 2		Month 5		Month 7		Month 9	
	N	%	N	%	N	%	N	%
ALL	2,547	61.5	2,173	66.5	2,015	70.2	1,939	71.7
<b>Age</b>								
18-24	545	76.5	396	80.1	365	80.8	336	81.3
25-29	861	55.7	741	61.0	664	64.0	648	66.2
30-34	722	57.9	649	65.0	615	70.1	594	72.4
35+	418	59.8	385	65.7	370	70.8	359	71.6
<b>Parity</b>								
Primiparous	727	66.4	611	73.6	565	75.0	543	77.5
Multiparous	1,769	59.0	1,522	63.1	1,411	67.7	1,364	69.1
<b>Education</b>								
HS or less	472	75.6	385	77.1	356	81.2	334	80.5
Some college	936	64.1	763	68.7	695	71.4	676	73.4
College graduate	970	48.5	902	57.3	855	62.7	833	65.7
<b>Income (% of poverty)</b>								
< 185%	1,035	66.2	836	68.3	766	71.3	733	72.0
185- < 350%	911	58.5	793	64.1	735	68.2	703	69.3
>=350%	601	57.9	544	67.5	514	71.4	503	74.8
<b>WIC Participant</b>								
No	1,563	53.6	1,380	60.5	1,309	66.2	1,256	68.2
Yes	984	74.1	793	77.0	706	77.5	683	78.3
<b>Race</b>								
White	2,121	60.0	1,831	64.6	1,700	68.8	1,639	70.5
Black	102	73.5	78	87.2	74	86.5	64	85.9
Hispanic	149	67.8	112	77.7	107	80.4	107	79.4
<b>Region</b>								
Northeast	454	67.0	398	70.1	372	71.8	369	71.3
Midwest	765	61.6	665	66.8	626	71.6	590	72.7
South	806	66.0	675	72.1	614	74.3	591	76.6
West	522	49.6	435	54.3	403	60.3	389	63.2

<sup>1</sup> Table is based on variables: M2E2, M5E1, M7E1, M9E1

**Table 3.83. Percent of mothers of 2-month old infants who read each type of direction or statement on the package of the formula they had used most often by selected demographics<sup>1, 2</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	N	Written directions for preparing the formula	How to store the package after opening it	How to store formula after it is prepared	What to do with formula left over in the bottle after feeding the baby	Have not read any of this information
ALL	1,533	88.3	69.5	74.8	70.0	6.7
<b>Age</b>						
18-24	408	88.2	70.6	76.5	69.9	7.1
25-29	469	88.3	70.6	75.3	69.3	6.8
30-34	414	88.9	68.1	72.9	71.0	5.8
35+	241	87.1	68.0	74.3	69.7	7.5
<b>Parity</b>						
Primiparous	475	90.5	74.5	80.4	74.9	3.4
Multiparous	1,018	87.0	66.6	71.7	67.1	8.4
<b>Education</b>						
HS or less	351	87.7	68.1	75.5	67.8	8.0
Some college	589	87.8	71.8	74.9	71.1	6.8
College graduate	458	88.4	67.9	74.0	69.9	5.9
<b>Income (% of poverty)</b>						
< 185%	667	87.0	69.4	73.8	68.5	8.2
185- < 350%	521	88.7	67.9	74.3	70.1	6.0
>=350%	345	90.1	71.9	77.7	72.8	4.9
<b>WIC Participant</b>						
No	820	88.5	70.4	75.0	71.2	6.1
Yes	713	87.9	68.4	74.6	68.6	7.4
<b>Race</b>						
White	1,250	88.6	69.1	75.1	68.7	6.6
Black	71	81.7	67.6	71.8	83.1	5.6
Hispanic	98	89.8	72.4	73.5	73.5	7.1
<b>Region</b>						
Northeast	294	86.1	72.4	74.8	68.0	6.8
Midwest	463	89.2	68.7	74.5	68.7	6.7
South	524	89.7	71.2	77.7	73.9	5.5
West	252	86.1	63.9	69.4	66.7	9.1

<sup>1</sup> Table is based on variables: M2E3A-E

<sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.84. Percent of mothers of 2-month old infants who felt the infant formula directions and statements they read were hard to understand by selected demographics<sup>1</sup>, among mothers who had read this information**

Infant Feeding Practices Study II

	<b>N</b>	<b>Yes</b>	<b>No</b>	<b>Total (%)</b>
ALL	1,420	2.9	97.1	100
<b>Age</b>				
18-24	373	2.7	97.3	100
25-29	437	3.0	97.0	100
30-34	387	2.8	97.2	100
35+	222	3.2	96.8	100
<b>Parity</b>				
Primiparous	458	5.0	95.0	100
Multiparous	925	1.9	98.1	100
<b>Education</b>				
HS or less	319	2.5	97.5	100
Some college	547	2.6	97.4	100
College graduate	431	3.5	96.5	100
<b>Income (% of poverty)</b>				
< 185%	604	3.5	96.5	100
185- < 350%	488	1.8	98.2	100
>=350%	328	3.4	96.6	100
<b>WIC Participant</b>				
No	768	2.6	97.4	100
Yes	652	3.2	96.8	100
<b>Race</b>				
White	1,162	2.5	97.5	100
Black	64	6.3	93.8	100
Hispanic	90	5.6	94.4	100
<b>Region</b>				
Northeast	274	3.3	96.7	100
Midwest	432	3.2	96.8	100
South	488	2.0	98.0	100
West	226	3.5	96.5	100

<sup>1</sup> Table is based on variables: M2E4

**Table 3.85. Percent of mothers of 2-month old infants who had difficulty understanding each type of direction or statement on the formula package<sup>1</sup>, among mothers who felt it hard to understand any of this information**

Infant Feeding Practices Study II

	<b>N</b>	<b>Written directions for preparing the formula</b>	<b>How to store the package after opening it</b>	<b>How to store formula after it is prepared</b>	<b>What to do with formula left over in the bottle after feeding the baby</b>
ALL	31	51.6	19.4	45.2	38.7

<sup>1</sup> Table is based on variables: M2E5A-D

**Table 3.86. Percent of mothers of 2-month old infants feeling that all the information they wanted was included in all of the formula directions and statements they read by selected demographics<sup>1</sup>, among mothers who had read any of this information**

Infant Feeding Practices Study II

	N	No, some information I wanted was missing	Yes, all information I wanted was on the package	Total (%)
ALL	1,426	7.9	92.1	100
<b>Age</b>				
18-24	378	7.7	92.3	100
25-29	438	7.5	92.5	100
30-34	387	8.3	91.7	100
35+	222	8.6	91.4	100
<b>Parity</b>				
Primiparous	459	11.5	88.5	100
Multiparous	929	6.2	93.8	100
<b>Education</b>				
HS or less	323	7.1	92.9	100
Some college	547	7.3	92.7	100
College graduate	430	10.0	90.0	100
<b>Income (% of poverty)</b>				
< 185%	610	7.0	93.0	100
185- < 350%	489	7.0	93.0	100
>=350%	327	11.0	89.0	100
<b>WIC Participant</b>				
No	767	9.3	90.7	100
Yes	659	6.4	93.6	100
<b>Race</b>				
White	1,166	8.1	91.9	100
Black	65	3.1	96.9	100
Hispanic	91	8.8	91.2	100
<b>Region</b>				
Northeast	274	9.5	90.5	100
Midwest	432	6.5	93.5	100
South	492	7.5	92.5	100
West	228	9.6	90.4	100

<sup>1</sup> Table is based on variables: M2E6

**Table 3.87. Percent of mothers of 2-month old infants feeling that a piece of information was missing from a formula direction or statement by selected demographics<sup>1, 2</sup>, among mothers who felt that not all of the information they wanted was included**

Infant Feeding Practices Study II

	N	Written directions for preparing the formula	How to store the package after opening it	How to store formula after it is prepared	What to do with formula left over in the bottle after feeding the baby
ALL	89	21.3	12.4	46.1	52.8
<b>Age</b>					
18-24	25	12.0	20.0	52.0	68.0
25-29	26	11.5	11.5	38.5	61.5
30-34	24	37.5	8.3	54.2	29.2
35+	14	28.6	7.1	35.7	50.0
<b>Parity</b>					
Primiparous	45	22.2	13.3	48.9	53.3
Multiparous	42	21.4	11.9	42.9	52.4
<b>Education</b>					
HS or less	18	0.0	16.7	33.3	77.8
Some college	33	18.2	12.1	57.6	66.7
College graduate	35	34.3	8.6	40.0	28.6
<b>Income (% of poverty)</b>					
< 185%	32	15.6	9.4	53.1	62.5
185- < 350%	26	19.2	19.2	46.2	57.7
>=350%	31	29.0	9.7	38.7	38.7
<b>WIC Participant</b>					
No	57	21.1	12.3	38.6	49.1
Yes	32	21.9	12.5	59.4	59.4
<b>Race</b>					
White	73	23.3	11.0	38.4	56.2
Black	2	0.0	0.0	100.0	50.0
Hispanic	8	12.5	25.0	75.0	37.5
<b>Region</b>					
Northeast	22	18.2	9.1	36.4	45.5
Midwest	26	19.2	11.5	46.2	61.5
South	26	34.6	11.5	46.2	50.0
West	15	6.7	20.0	60.0	53.3

<sup>1</sup> Table is based on variables: M2E7A-D

<sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.88. Percent of mothers of 2-month old infants who felt the print size for the formula directions and statements was too small or large enough to read easily by selected demographics<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	N	Too small to read easily	Large enough to read easily	Total (%)
ALL	1,421	9.2	90.8	100
<b>Age</b>				
18-24	377	11.7	88.3	100
25-29	432	8.6	91.4	100
30-34	389	7.7	92.3	100
35+	222	9.0	91.0	100
<b>Parity</b>				
Primiparous	457	12.9	87.1	100
Multiparous	926	7.6	92.4	100
<b>Education</b>				
HS or less	322	7.1	92.9	100
Some college	545	10.1	89.9	100
College graduate	428	7.9	92.1	100
<b>Income (% of poverty)</b>				
< 185%	608	11.2	88.8	100
185- < 350%	486	7.6	92.4	100
>=350%	327	8.0	92.0	100
<b>WIC Participant</b>				
No	766	8.1	91.9	100
Yes	655	10.5	89.5	100
<b>Race</b>				
White	1,160	8.7	91.3	100
Black	66	10.6	89.4	100
Hispanic	91	15.4	84.6	100
<b>Region</b>				
Northeast	272	7.4	92.6	100
Midwest	432	8.1	91.9	100
South	490	10.8	89.2	100
West	227	10.1	89.9	100

<sup>1</sup> Table is based on variables: M2E8

**Table 3.89. Percent of mothers of 2-month old infants who looked at the pictures on the formula container showing how to prepare the formula by selected demographics<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	<b>N</b>	<b>Yes</b>	<b>No</b>	<b>Total (%)</b>
ALL	1,530	65.8	34.2	100
<b>Age</b>				
18-24	408	73.0	27.0	100
25-29	469	68.4	31.6	100
30-34	412	60.4	39.6	100
35+	240	57.5	42.5	100
<b>Parity</b>				
Primiparous	476	65.1	34.9	100
Multiparous	1,014	66.0	34.0	100
<b>Education</b>				
HS or less	349	72.2	27.8	100
Some college	587	67.1	32.9	100
College graduate	459	58.0	42.0	100
<b>Income (% of poverty)</b>				
< 185%	666	71.9	28.1	100
185- < 350%	519	65.9	34.1	100
>=350%	345	53.9	46.1	100
<b>WIC Participant</b>				
No	818	61.0	39.0	100
Yes	712	71.3	28.7	100
<b>Race</b>				
White	1,248	64.3	35.7	100
Black	71	78.9	21.1	100
Hispanic	98	76.5	23.5	100
<b>Region</b>				
Northeast	292	57.9	42.1	100
Midwest	464	65.3	34.7	100
South	522	69.5	30.5	100
West	252	68.3	31.7	100

<sup>1</sup> Table is based on variables: M2E9

**Table 3.90. Percent of mothers of 2-month old infants who felt the pictures showing how to prepare formula had each level of usefulness by selected demographics<sup>1</sup>, among mothers who looked at these pictures**

Infant Feeding Practices Study II

	N	Not at all useful	A little useful	Somewhat useful	Very useful	Total (%)
ALL	1,001	7.1	34.0	34.7	24.3	100
<b>Age</b>						
18-24	298	6.7	27.2	33.9	32.2	100
25-29	320	5.6	36.9	36.6	20.9	100
30-34	248	8.1	37.1	32.3	22.6	100
35+	134	9.7	36.6	36.6	17.2	100
<b>Parity</b>						
Primiparous	310	7.7	34.2	36.1	21.9	100
Multiparous	664	6.9	34.8	34.0	24.2	100
<b>Education</b>						
HS or less	251	9.6	27.1	31.9	31.5	100
Some college	393	5.6	35.1	37.2	22.1	100
College graduate	264	7.2	42.8	34.5	15.5	100
<b>Income (% of poverty)</b>						
< 185%	477	7.8	31.9	30.8	29.6	100
185- < 350%	338	6.5	38.2	35.8	19.5	100
>=350%	186	6.5	31.7	42.5	19.4	100
<b>WIC Participant</b>						
No	496	6.3	38.9	36.3	18.5	100
Yes	505	7.9	29.1	33.1	29.9	100
<b>Race</b>						
White	798	7.3	36.5	34.7	21.6	100
Black	56	7.1	17.9	26.8	48.2	100
Hispanic	73	8.2	32.9	31.5	27.4	100
<b>Region</b>						
Northeast	167	8.4	39.5	29.9	22.2	100
Midwest	302	7.9	35.8	35.8	20.5	100
South	362	6.4	29.6	34.8	29.3	100
West	170	5.9	34.7	37.1	22.4	100

<sup>1</sup> Table is based on variables: M2E10

**Table 3.91. Percent of mothers of 2-month old infants who attributed each level of importance to following the label directions that say to feed or refrigerate the prepared formula immediately or discard the formula by selected demographics<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	<b>N</b>	<b>Not at all important</b>	<b>Somewhat important</b>	<b>Very important</b>	<b>Total (%)</b>
ALL	1,530	0.7	13.9	85.4	100
<b>Age</b>					
18-24	407	0.7	12.5	86.7	100
25-29	469	0.2	12.4	87.4	100
30-34	413	0.7	18.6	80.6	100
35+	240	1.3	11.3	87.5	100
<b>Parity</b>					
Primiparous	476	0.4	13.2	86.3	100
Multiparous	1,014	0.7	14.4	84.9	100
<b>Education</b>					
HS or less	351	0.3	11.1	88.6	100
Some college	587	0.7	12.4	86.9	100
College graduate	457	0.9	19.7	79.4	100
<b>Income (% of poverty)</b>					
< 185%	666	0.3	11.7	88.0	100
185- < 350%	520	0.6	15.8	83.7	100
>=350%	344	1.5	15.4	83.1	100
<b>WIC Participant</b>					
No	819	1.0	17.3	81.7	100
Yes	711	0.3	10.0	89.7	100
<b>Race</b>					
White	1,250	0.8	14.9	84.3	100
Black	69	0.0	8.7	91.3	100
Hispanic	97	0.0	7.2	92.8	100
<b>Region</b>					
Northeast	293	0.3	14.3	85.3	100
Midwest	463	0.2	15.1	84.7	100
South	522	0.6	12.8	86.6	100
West	252	2.0	13.5	84.5	100

<sup>1</sup> Table is based on variables: M2E11

**Table 3.92. Percent of mothers of 2-month old infants who looked at the list of ingredients on infant formula cans by selected demographics<sup>1</sup>, among formula feeding mothers**

**Infant Feeding Practices Study II**

	<b>N</b>	<b>Yes</b>	<b>No</b>	<b>Total (%)</b>
ALL	1,529	55.2	44.8	100
<b>Age</b>				
18-24	407	52.8	47.2	100
25-29	468	57.7	42.3	100
30-34	412	54.1	45.9	100
35+	241	56.4	43.6	100
<b>Parity</b>				
Primiparous	474	54.2	45.8	100
Multiparous	1,015	55.5	44.5	100
<b>Education</b>				
HS or less	349	53.0	47.0	100
Some college	589	57.0	43.0	100
College graduate	457	53.0	47.0	100
<b>Income (% of poverty)</b>				
< 185%	666	53.9	46.1	100
185- < 350%	519	57.4	42.6	100
>=350%	344	54.4	45.6	100
<b>WIC Participant</b>				
No	818	56.1	43.9	100
Yes	711	54.1	45.9	100
<b>Race</b>				
White	1,247	54.5	45.5	100
Black	71	57.7	42.3	100
Hispanic	98	62.2	37.8	100
<b>Region</b>				
Northeast	292	53.4	46.6	100
Midwest	463	55.5	44.5	100
South	522	58.4	41.6	100
West	252	50.0	50.0	100
<sup>1</sup> Table is based on variables: M2E12				

**Table 3.93. Percent of mothers of 2-month old infants who compared brands of infant formula by selected demographics<sup>1</sup>, among mothers who looked at the ingredient list**

Infant Feeding Practices Study II

	<b>N</b>	<b>Yes</b>	<b>No</b>	<b>Total (%)</b>
ALL	840	54.3	45.7	100
<b>Age</b>				
18-24	214	45.3	54.7	100
25-29	269	56.9	43.1	100
30-34	221	58.8	41.2	100
35+	136	55.9	44.1	100
<b>Parity</b>				
Primiparous	256	55.5	44.5	100
Multiparous	561	54.4	45.6	100
<b>Education</b>				
HS or less	185	50.3	49.7	100
Some college	333	56.2	43.8	100
College graduate	242	57.0	43.0	100
<b>Income (% of poverty)</b>				
< 185%	358	49.4	50.6	100
185- < 350%	296	60.1	39.9	100
>=350%	186	54.3	45.7	100
<b>WIC Participant</b>				
No	455	60.2	39.8	100
Yes	385	47.3	52.7	100
<b>Race</b>				
White	676	56.5	43.5	100
Black	41	36.6	63.4	100
Hispanic	61	37.7	62.3	100
<b>Region</b>				
Northeast	155	54.8	45.2	100
Midwest	256	56.3	43.8	100
South	303	52.5	47.5	100
West	126	54.0	46.0	100

<sup>1</sup> Table is based on variables: M2E13

**Table 3.94. Percent of mothers of 2-month old infants who looked for any specific ingredients or formula characteristics in the ingredient list or on any other part of the label by selected demographics<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	<b>N</b>	<b>Yes</b>	<b>No</b>	<b>Total (%)</b>
ALL	1,526	35.4	64.6	100
<b>Age</b>				
18-24	408	32.4	67.6	100
25-29	467	36.6	63.4	100
30-34	411	34.8	65.2	100
35+	239	38.9	61.1	100
<b>Parity</b>				
Primiparous	475	36.0	64.0	100
Multiparous	1,011	35.4	64.6	100
<b>Education</b>				
HS or less	348	28.2	71.8	100
Some college	587	37.8	62.2	100
College graduate	457	38.1	61.9	100
<b>Income (% of poverty)</b>				
< 185%	663	33.5	66.5	100
185- < 350%	518	37.3	62.7	100
>=350%	345	36.2	63.8	100
<b>WIC Participant</b>				
No	818	39.5	60.5	100
Yes	708	30.6	69.4	100
<b>Race</b>				
White	1,246	36.2	63.8	100
Black	71	38.0	62.0	100
Hispanic	97	22.7	77.3	100
<b>Region</b>				
Northeast	291	30.2	69.8	100
Midwest	463	36.3	63.7	100
South	523	38.6	61.4	100
West	249	32.9	67.1	100

<sup>1</sup> Table is based on variables: M2E14

**Table 3.95. Percent of mothers who were told by a doctor, health professional, or birthing class how to prepare formula by infant age and selected demographics<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	Month 2				Month 5			
	N	Yes	No	Total (%)	N	Yes	No	Total (%)
ALL	1,524	12.3	87.7	100	1,414	21.9	78.1	100
<b>Age</b>								
18-24	403	19.4	80.6	100	312	33.3	66.7	100
25-29	468	9.6	90.4	100	437	19.2	80.8	100
30-34	411	11.4	88.6	100	415	18.8	81.2	100
35+	241	7.5	92.5	100	248	17.3	82.7	100
<b>Parity</b>								
Primiparous	473	17.3	82.7	100	436	31.4	68.6	100
Multiparous	1,011	9.7	90.3	100	944	17.1	82.9	100
<b>Education</b>								
HS or less	347	13.8	86.2	100	289	26.6	73.4	100
Some college	587	10.9	89.1	100	515	21.0	79.0	100
College graduate	457	10.3	89.7	100	508	17.5	82.5	100
<b>Income (% of poverty)</b>								
< 185%	662	13.7	86.3	100	556	25.4	74.6	100
185- < 350%	518	12.2	87.8	100	499	20.8	79.2	100
>=350%	344	9.9	90.1	100	359	18.1	81.9	100
<b>WIC Participant</b>								
No	816	8.7	91.3	100	817	15.9	84.1	100
Yes	708	16.5	83.5	100	597	30.2	69.8	100
<b>Race</b>								
White	1,246	11.9	88.1	100	1,162	20.7	79.3	100
Black	70	22.9	77.1	100	64	35.9	64.1	100
Hispanic	96	12.5	87.5	100	86	25.6	74.4	100
<b>Region</b>								
Northeast	293	13.0	87.0	100	273	20.1	79.9	100
Midwest	464	12.5	87.5	100	438	22.8	77.2	100
South	518	14.3	85.7	100	471	26.5	73.5	100
West	249	7.2	92.8	100	232	12.9	87.1	100

<sup>1</sup> Table is based on variables: M2E16, M5E2

**Table 3.96. Percent of mothers who were told by a doctor, health professional, or birthing class how to store prepared bottles of formula by infant age and selected demographics<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	Month 2				Month 5			
	N	Yes	No	Total (%)	N	Yes	No	Total (%)
ALL	1,528	17.5	82.5	100	1,414	25.4	74.6	100
<b>Age</b>								
18-24	405	24.4	75.6	100	312	38.5	61.5	100
25-29	471	15.9	84.1	100	437	22.4	77.6	100
30-34	412	15.0	85.0	100	414	21.3	78.7	100
35+	239	13.0	87.0	100	249	20.9	79.1	100
<b>Parity</b>								
Primiparous	475	24.6	75.4	100	437	35.7	64.3	100
Multiparous	1,013	14.0	86.0	100	944	20.2	79.8	100
<b>Education</b>								
HS or less	352	18.2	81.8	100	289	30.1	69.9	100
Some college	587	17.2	82.8	100	516	25.6	74.4	100
College graduate	457	14.7	85.3	100	507	19.9	80.1	100
<b>Income (% of poverty)</b>								
< 185%	669	19.6	80.4	100	556	29.7	70.3	100
185- < 350%	516	16.1	83.9	100	499	23.2	76.8	100
>=350%	343	15.7	84.3	100	359	21.7	78.3	100
<b>WIC Participant</b>								
No	816	13.1	86.9	100	818	18.6	81.4	100
Yes	712	22.6	77.4	100	596	34.7	65.3	100
<b>Race</b>								
White	1,248	16.2	83.8	100	1,162	24.4	75.6	100
Black	71	35.2	64.8	100	64	40.6	59.4	100
Hispanic	99	23.2	76.8	100	86	24.4	75.6	100
<b>Region</b>								
Northeast	294	15.3	84.7	100	272	21.0	79.0	100
Midwest	464	16.2	83.8	100	438	28.1	71.9	100
South	521	21.9	78.1	100	472	30.1	69.9	100
West	249	13.7	86.3	100	232	15.9	84.1	100

<sup>1</sup> Table is based on variables: M2E17, M5E3

**Table 3.97. Percent of babies whose formula was mixed with each type of water in the past 2 weeks by infant age<sup>1, 2</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	Tap water from the cold faucet	Warm tap water from the hot faucet	Bottled water	No water used baby is fed only ready-to-feed formula
2	1,488	32.6	37.3	51.4	5.1
5	1,404	36.5	37.5	52.1	3.9
7	1,392	41.6	35.2	47.1	3.6
9	1,354	43.7	33.9	45.9	3.0

<sup>1</sup> Table is based on variables: M2E18A-D, M5E4A-D, M7E2A-D, M9E2A-D

<sup>2</sup> Percentages do not add up to 100% because mothers could choose all that apply

**Table 3.98. Percent of babies whose water to mix formula was boiled by infant age<sup>1</sup>, among babies whose formula was mixed with water**

Infant Feeding Practices Study II

Infant age in months	Tap water					Bottled water				
	N	Yes	No	Not used	Total (%)	N	Yes	No	Not used	Total (%)
2	1,412	20.8	49.0	30.2	100	1,397	11.8	52.5	35.7	100
5	1,312	20.8	51.4	27.7	100	1,314	10.7	56.1	33.2	100
7	1,309	17.6	57.4	25.0	100	1,285	8.9	53.4	37.7	100

<sup>1</sup> Table is based on variables: M2E19A-B, M5E5A-B, M7E3A-B

**Table 3.99. Percent of babies whose bottle of formula was heated in a microwave oven with each frequency by infant age<sup>1</sup>, among babies fed infant formula in the past 2 weeks**

Infant Feeding Practices Study II

Infant age in months	N	Rarely or never	Sometimes, but less than half the time	About half the time	Most of the time	Total (%)
2	1,521	64.7	9.5	5.8	20.0	100
5	1,414	63.9	10.2	6.1	19.8	100
7	1,393	65.4	9.3	6.2	19.1	100
9	1,358	65.7	10.9	6.3	17.1	100

<sup>1</sup> Table is based on variables: M2E20, M5E6, M7E4, M9E3

**Table 3.100. Percent of babies whose bottle nipples used to feed formula were cleaned in each way and at each frequency in the past 2 weeks by infant age<sup>1</sup>, among formula fed babies**

Infant Feeding Practices Study II

		<b>N</b>	<b>Never</b>	<b>Some of the time</b>	<b>Most of the time</b>	<b>All of the time</b>	<b>Total (%)</b>
Boiled or sterilized	Month 2	1,454	46.6	27.2	10.7	15.4	100
	Month 5	1,343	55.2	24.5	8.1	12.2	100
	Month 7	1,281	61.4	22.0	6.8	9.8	100
	Month 9	1,268	64.9	22.1	5.0	8.0	100
Not cleaned between uses	Month 2	1,420	95.0	4.2	0.3	0.5	100
	Month 5	1,321	95.8	3.6	0.3	0.3	100
	Month 7	1,272	95.0	4.6	0.2	0.2	100
	Month 9	1,256	94.5	5.3	0.2	0.0	100
Rinsed with water only	Month 2	1,433	67.1	24.7	4.6	3.6	100
	Month 5	1,330	66.1	26.8	4.4	2.7	100
	Month 7	1,283	68.5	24.8	4.2	2.5	100
	Month 9	1,276	66.5	27.6	4.3	1.6	100
Washed by hand with dish detergent	Month 2	1,482	17.9	18.4	24.8	38.9	100
	Month 5	1,368	17.8	19.6	25.0	37.6	100
	Month 7	1,333	17.7	23.1	23.9	35.3	100
	Month 9	1,304	18.1	24.2	22.8	34.9	100
Washed in an automatic dish washer	Month 2	1,468	52.8	18.4	13.4	15.4	100
	Month 5	1,373	51.0	17.3	15.1	16.6	100
	Month 7	1,310	46.6	18.9	17.6	16.9	100
	Month 9	1,300	45.6	17.5	18.8	18.2	100

<sup>1</sup> Table is based on variables: M2E21A-E, M5E7A-E, M7E5A-E, M9E4A-E

**Table 3.101. Percent of mothers who cleaned their hands in each way before preparing formula and at each frequency in the past 2 weeks by infant age<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

		N	Never	Some of the time	Most of the time	All of the time	Total (%)
Prepared formula without cleaning my hands	Month 2	1,427	71.6	22.3	3.8	2.3	100
	Month 5	1,343	70.7	22.9	4.0	2.4	100
	Month 7	1,307	66.9	26.6	4.4	2.1	100
	Month 9	1,294	68.1	26.2	3.9	1.8	100
Rinsed my hands with water	Month 2	1,433	60.4	29.8	6.7	3.1	100
	Month 5	1,338	58.7	31.1	7.6	2.6	100
	Month 7	1,300	51.2	37.8	8.4	2.7	100
	Month 9	1,305	49.0	39.5	8.7	2.8	100
Used hand sanitizer (such as gel or wipes)	Month 2	1,452	49.4	28.9	11.4	10.3	100
	Month 5	1,354	53.8	28.4	10.8	7.0	100
	Month 7	1,307	55.5	30.3	8.0	6.1	100
	Month 9	1,299	53.9	31.4	8.6	6.1	100
Washed with soap	Month 2	1,504	5.3	16.5	33.4	44.9	100
	Month 5	1,400	5.9	17.4	34.6	42.1	100
	Month 7	1,366	4.0	22.0	34.3	39.7	100
	Month 9	1,355	5.2	22.1	35.8	36.9	100
Wiped my hands only	Month 2	1,421	80.7	16.5	1.6	1.1	100
	Month 5	1,329	79.3	18.2	1.5	1.0	100
	Month 7	1,279	75.0	21.7	2.2	1.1	100
	Month 9	1,285	72.4	24.4	1.9	1.2	100

<sup>1</sup> Table is based on variables: M2E22A-E, M5E8A-E, M7E6A-E, M9E5A-E

**Table 3.102. Percent of babies whose bottles of prepared formula were usually kept at room temperature for each time period in the past 2 weeks by infant age<sup>1</sup>, among formula fed babies**

Infant Feeding Practices Study II

Infant age in months	N	< 1 hour	1 to 2 hours	3 to 4 hours	5 to 8 hours	9 to 11 hours	12 to 16 hours	> 16 hours	Don't keep prepared formula at room temperature	Total (%)
2	1,518	55.8	16.2	4.4	1.1	0.0	0.1	0.2	22.1	100
5	1,415	54.1	17.6	4.4	0.6	0.1	0.1	0.0	23.2	100
7	1,393	53.1	19.2	4.8	0.9	0.0	0.1	0.0	21.9	100
9	1,361	55.7	21.2	4.3	1.2	0.0	0.0	0.1	17.6	100

<sup>1</sup> Table is based on variables: M2E23, M5E9, M7E7, M9E6

**Table 3.103. Percent of mothers who gave each reason for their decision to use the formula they fed their baby in the past 7 days by infant age<sup>1, 2</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

<b>Reasons for choosing formula brand</b>	<b>Neonatal</b>	<b>Month 2</b>	<b>Month 5</b>	<b>Month 7</b>	<b>Month 9</b>
A doctor or other health professional recommended the formula	33.5	34.5	36.1	36.4	35.7
I chose the same formula fed to my baby at the hospital	33.6	26.7	21.8	20.5	19.7
I heard that the formula is better for my baby in some way	12.3	13.3	13.3	10.9	12.9
I chose the formula I received samples or coupons for	26.7	30.5	27.2	24.8	25.5
I saw an advertisement for the formula and wanted to try it	2.7	3.7	3.5	3.2	2.3
I chose a formula labeled as useful for a problem my baby had	8.0	11.8	11.4	9.8	9.7
I use the formula given by WIC	23.3	24.6	22.6	21.3	20.2
I chose the same formula I fed an older child	27.2	26.2	25.3	25.5	25.9
Friends or relatives recommended the formula	8.8	9.6	7.6	8.5	7.7
I chose a formula based on low price	4.5	6.9	0.0	0.0	0.0
<b>N</b>	<b>1,796</b>	<b>1,562</b>	<b>1,425</b>	<b>1,397</b>	<b>1,368</b>

<sup>1</sup> Table is based on variables: N50A-J, M2E24A-J, M5E10A-J, M7E8A-J, M9E7A-J

<sup>2</sup> Column percentages do not add up to 100% because mothers could choose all that apply

**Table 3.104. Percent of mothers who discussed their choice of formula with the baby's doctor by infant age and selected demographics<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

	Neonatal		Month 2		Month 5		Month 7		Month 9	
	N	Yes(%)	N	Yes(%)	N	Yes(%)	N	Yes(%)	N	Yes(%)
ALL	1,751	45.8	1,525	53.8	1,414	55.1	1,388	54.9	1,363	55.0
<b>Age</b>										
18-24	500	48.8	405	55.1	312	56.4	289	63.3	267	60.3
25-29	529	44.2	469	54.8	437	55.1	415	55.9	417	54.7
30-34	455	45.5	409	52.1	415	55.9	424	50.2	421	53.0
35+	263	43.0	241	52.7	248	51.6	259	51.4	256	53.1
<b>Parity</b>										
Primiparous	527	52.8	469	61.2	435	63.7	418	62.9	414	62.8
Multiparous	1,158	42.1	1,016	50.2	945	50.8	937	51.0	922	51.5
<b>Education</b>										
HS or less	412	42.7	350	55.4	291	54.0	283	56.9	257	54.1
Some college	670	45.4	585	50.3	516	51.7	488	51.2	488	52.7
College graduate	477	43.8	457	54.5	504	57.3	527	54.5	539	54.9
<b>Income (% of poverty)</b>										
< 185%	797	43.0	662	52.0	559	51.2	535	51.8	515	50.5
185- < 350%	601	46.8	519	52.8	498	55.0	494	56.3	477	55.6
>=350%	353	50.4	344	59.0	357	61.3	359	57.7	371	60.6
<b>WIC Participant</b>										
No	898	46.0	819	53.5	813	56.0	851	53.9	843	54.7
Yes	853	45.6	706	54.2	601	53.9	537	56.4	520	55.6
<b>Race</b>										
White	1,386	46.6	1,243	53.3	1,162	55.0	1,149	53.9	1,134	54.3
Black	110	44.5	71	56.3	64	64.1	63	61.9	54	50.0
Hispanic	115	39.1	99	51.5	86	50.0	84	56.0	81	59.3
<b>Region</b>										
Northeast	314	55.7	293	57.0	272	57.4	259	60.6	257	60.3
Midwest	524	46.9	462	52.2	437	53.5	441	53.3	425	53.6
South	625	46.1	521	58.2	475	60.2	449	59.9	445	58.9
West	288	32.3	249	44.2	230	44.8	239	42.3	236	44.5

<sup>1</sup> Table is based on variables: N51, M2E25, M5E11, M7E9, M9E8

**Table 3.105. Percent of mothers who switched the formula they fed their baby each number of times in the past 2 weeks by infant age<sup>1</sup>, among formula feeding mothers**

Infant Feeding Practices Study II

Infant age in months	N	None	1	2	3	4	>=5	Total (%)
Neonatal	1,740	73.5	18.2	5.7	1.8	0.4	0.3	100
2	1,487	82.6	13.4	3.3	0.5	0.1	0.1	100
5	1,395	88.0	8.9	2.2	0.7	0.1	0.0	100
7	1,375	90.5	7.3	2.0	0.0	0.1	0.0	100
9	1,331	89.9	8.1	1.3	0.7	0.1	0.0	100

<sup>1</sup> Table is based on variables: N52, M2E26, M5E12, M7E10, M9E9

**Table 3.106. Percent of mothers who stopped using a formula in each group in the past 2 weeks by infant age<sup>1, 2</sup>, among mothers who switched formula at each age**

Infant Feeding Practices Study II

Infant age in months	N	Group 1 Amino-acid based	Group 2 Milk based without DHA and ARA	Group 3 Milk based with DHA and ARA	Group 4 Soy based with DHA and ARA	Group 5 Soy based without DHA and ARA	Group 6 Extensively hydrolyzed casein hydrolysate with or without DHA and ARA
2	264	0.8	17.8	72.7	9.5	3.0	2.3
5	166	1.2	19.3	65.7	12.0	3.6	3.0
7	133	0.0	21.1	65.4	12.8	3.0	2.3
9	134	1.5	23.9	64.2	9.0	5.2	3.0

<sup>1</sup> Table is based on variables: M2E27\_1-6, M5E13\_1-6, M7E11\_1-6, M9E10\_1-6

<sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply

**Table 3.107. Percent of mothers who switched formula because they thought the baby had a problem with the formula being used by infant age and selected demographics<sup>1</sup>, among mothers who switched formula at each age**

Infant Feeding Practices Study II

	Neonatal		Month 2		Month 5		Month 7		Month 9	
	N	%	N	%	N	%	N	%	N	%
ALL	485	56.3	293	49.1	188	39.9	146	19.2	162	22.2
<b>Age</b>										
18-24	115	58.3	69	56.5	43	46.5	24	41.7	31	29.0
25-29	143	60.8	92	44.6	55	41.8	43	14.0	44	25.0
30-34	142	57.7	81	48.1	57	29.8	56	17.9	55	16.4
35+	84	44.0	51	49.0	32	46.9	23	8.7	32	21.9
<b>Parity</b>										
Primiparous	161	55.9	97	54.6	57	47.4	43	25.6	51	17.6
Multiparous	304	56.3	191	45.5	128	36.7	102	16.7	106	24.5
<b>Education</b>										
HS or less	102	59.8	63	50.8	41	41.5	24	25.0	30	33.3
Some college	185	56.2	105	46.7	57	40.4	43	18.6	54	22.2
College graduate	142	48.6	96	44.8	76	32.9	75	16.0	69	14.5
<b>Income (% of poverty)</b>										
< 185%	206	58.7	125	50.4	70	51.4	53	18.9	61	29.5
185- < 350%	163	54.0	99	48.5	73	38.4	49	22.4	59	18.6
>=350%	116	55.2	69	47.8	45	24.4	44	15.9	42	16.7
<b>WIC Participant</b>										
No	261	54.8	154	46.1	120	32.5	95	16.8	108	15.7
Yes	224	58.0	139	52.5	68	52.9	51	23.5	54	35.2
<b>Race</b>										
White	387	55.0	238	48.7	154	35.7	120	19.2	137	21.9
Black	22	68.2	15	80.0	9	55.6	6	33.3	4	25.0
Hispanic	38	52.6	16	31.3	14	50.0	10	20.0	8	25.0
<b>Region</b>										
Northeast	80	63.8	60	56.7	34	29.4	26	11.5	30	30.0
Midwest	152	46.7	89	48.3	48	41.7	48	14.6	46	23.9
South	171	64.9	97	53.6	65	43.1	47	21.3	53	22.6
West	82	48.8	47	31.9	41	41.5	25	32.0	33	12.1

<sup>1</sup> Table is based on variables: N53, M2E28, M5E14, M7E12, M9E11

**Table 3.108. Percent of babies who had each type of problem with formula by infant age<sup>1, 2</sup>, among babies whose formula was switched due to some problems**

Infant Feeding Practices Study II

Infant age in months	N	An allergic reaction	Constipation	Diarrhea	Too much mucus	Too much gas	Too much spit up	Vomiting	Other problem
Neonatal	272	13.2	34.6	11.8	3.7	66.9	42.6	14.7	13.2
2	144	13.9	29.2	11.1	6.3	60.4	45.1	11.1	17.4
5	74	20.3	16.2	8.1	1.4	24.3	51.4	13.5	27.0
7	27	11.1	18.5	7.4	7.4	37.0	37.0	14.8	33.3
9	35	14.3	31.4	20.0	5.7	31.4	34.3	25.7	22.9

<sup>1</sup> Table is based on variables: N54A-H, M2E29A-H, M5E15A-H, M7E13A-H, M9E12A-H

<sup>2</sup> Row percentages do not add up to 100% because mothers could choose all that apply