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## **BREASTFEEDING TRENDS – 2002**

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### **BACKGROUND**

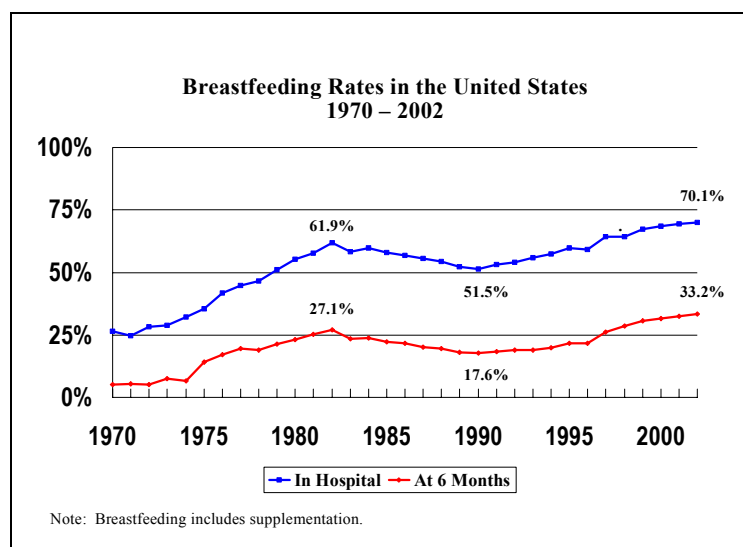
The Ross Products Division of Abbott Laboratories has been collecting information on breastfeeding in the United States since 1955.<sup>1-8</sup> Current survey design permits an examination of infant feeding patterns during the first 12 months of life. Ryan described increases in the hospital initiation and duration of breastfeeding between 1985 and 1995<sup>8</sup>, and later for the 1996 to 2001<sup>9</sup> time frame. This update complements the published data and provides current breastfeeding information through 2002.

### **METHODOLOGY**

The “Ross Mothers Survey” exists as an on-going mail survey periodically sent to a nationally representative sample of new mothers. Prior to January 1997, mothers received the survey at the time their babies turned six months of age. Since that time, mothers with infants one month of age, two months of age, three months of age and so forth through 12 months of age receive the survey. The survey asks mothers to recall the types of milk their babies received in the hospital, at one week of age, in the last 30 days, and most often in the last week. By using a multiple choice question, mothers select the kinds of milk fed to their infants from a listing that includes breast milk, commercially available infant formulas, and cow’s milk. Each monthly mailing of questionnaires to new mothers is addressed to a probability sample of names representing approximately half of all national births. Weighting of the results occurs using demographic characteristics traditionally associated with breastfeeding (ie. geography, race, mother’s age, education).

## **FINDINGS**

The prevalence of breastfeeding in the U.S. increased during the 1970s, decreased during the 1980s, and resumed its ascent during the 1990s. For 2002, breastfeeding in the hospital and at six months of age reached an all-time high of 70.1% and 33.2% respectively. This involved marginal gains of less than one point in-hospital and at six months of age since 2001. The breastfeeding rates of those receiving WIC benefits (Supplemental Nutrition Program for Women, Infants, and Children) still lagged non-WIC recipients by over twenty percentage points in-hospital and at six months of age (APPENDIX 1). APPENDIX 2 contains breastfeeding rates in-hospital, at six, and at twelve months of age for 2002 for various demographic characteristics.



Nationally, in-hospital breastfeeding rose 15.9 points over the last ten years (1992-2002). An analysis of breastfeeding in the hospital showed strong gains among segments of the population that historically displayed a reduced propensity toward breastfeeding. These segments included black and Hispanic mothers, mothers under 24 years of age, those receiving WIC benefits, residents of the South Atlantic region, those with only a grade-school education, and mothers with low birth weight infants. Conversely, those segments that traditionally produced higher breastfeeding rates showed the smallest incremental increases in breastfeeding over the last ten years as rates began at a relatively higher level. These segments included residents of the Mountain and Pacific regions, mothers over 30 years of age, those employed part-time, and those with a college education (APPENDIX 3).

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**Groups with the Largest Increase in Hospital Breastfeeding  
1992 vs. 2002**

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	<u>1992</u>	<u>2002</u>	<u>Point Change</u>
National Average	54.2	70.1	15.9
Black	28.1	53.9	25.8
Low Birth Weight (<5 lb 9 oz)	40.2	63.1	22.9
Mother's Age <20 years	33.6	56.2	22.6
WIC Participant	38.8	58.8	20.0
South Atlantic Resident	48.0	67.5	19.5
Grade School Education	35.9	55.1	19.2
20-24 Years of Age	46.9	66.0	19.1
Hispanic	52.4	70.7	18.3

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An examination of breastfeeding rates at six months of age resulted in a nationwide increase of 14.3 points from 1992 to 2002. The largest increases in breastfeeding during this time frame occurred among New England residents, Hispanic mothers, and non-WIC participants. Mothers 35 years or older, East South Central residents, mothers less than 20 years of age, and those with a high school education showed the smallest gains in breastfeeding at six months (APPENDIX 4).

While overall breastfeeding rates increased, the 2002 data revealed slight declines for breastfeeding in the hospital among some segments of the population in comparison to 2001 statistics. Those mothers less than 20 years of age or older than 35 showed a somewhat reduced propensity toward in-hospital breastfeeding in 2002 versus 2001. The in-hospital rates for residents of the Mountain and Pacific regions peaked in 2001 and have declined slightly since then. Asian and Hispanic mothers also breastfed less in the hospital than they had in 2001 (APPENDIX 3). These same overall trends witnessed for breastfeeding in the hospital applied to breastfeeding at six months of age as well, except that breastfeeding rates at six months for Asian and Hispanic mothers remained unchanged from 2001 to 2002. In addition, black mothers slightly reduced their rates of breastfeeding at six months in 2002 when compared to 2001 (APPENDIX 4).

Geographically, the western states of Oregon, Alaska, Washington, Utah, Hawaii, Idaho, Montana, and Wyoming showed the highest overall rates of breastfeeding (in-hospital and at six months). The states with the lowest overall rates of breastfeeding included Louisiana, Alabama, Mississippi, Arkansas, South Carolina, Kentucky, Tennessee, and West Virginia (APPENDIX 5). These state statistics apply regardless of WIC status (APPENDIX 6).

A review of 2002 breastfeeding rates for infants exclusively receiving breast milk in the hospital provided further insights. While exclusive breastfeeding remained unchanged over the last four years in-hospital and increased at six months of age, results vary by demographic segment. For example, mothers with a college education exclusively breastfed their infants at a rate 50% higher than mothers without a college education (56.8% vs. 36.9%). Non-WIC mothers exclusively breastfed at a rate 70% greater than WIC mothers (56.3% vs. 33.4%). White mothers exclusively breastfed at a rate double that of black mothers (54.0% vs. 27.5%). Moreover, a gap of 2-to-1 existed for these demographic segments for infants six months of age: college vs. non-college educated (23.5% vs. 12.2%), non-WIC vs. WIC (22.7% vs. 11.1%), and white vs. black (19.7% vs. 9.5%) (APPENDIX 7).

## **SUMMARY**

While breastfeeding rates increased among all demographic segments of the population over the last ten years, a substantial gap still exists between non-WIC and WIC recipients. The breastfeeding rates in certain segments displayed some year-to-year variability from 2001 to 2002. Overall, the prevalence of breastfeeding in the United States continued to increase, resulting in the highest breastfeeding rates to date in the hospital and at six months of age.

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## APPENDIX 1

### ROSS PRODUCTS DIVISION - MOTHERS SURVEY BREASTFEEDING RATES IN-HOSPITAL AND AT SIX MONTHS All Infants

	In-Hospital (%)			6 Months (%)		
	<u>Total</u>	<u>Non-WIC</u>	<u>WIC</u>	<u>Total</u>	<u>Non-WIC</u>	<u>WIC</u>
<b>1970</b>	26.5	---	---	---	---	---
<b>1971</b>	24.7	---	---	5.4	---	---
<b>1972</b>	28.1	---	---	5.0	---	---
<b>1973</b>	28.9	---	---	7.5	---	---
<b>1974</b>	32.2	---	---	6.5	---	---
<b>1975</b>	35.5	---	---	14.1	---	---
<b>1976</b>	41.6	---	---	17.0	---	---
<b>1977</b>	44.7	---	---	19.6	---	---
<b>1978</b>	46.6	48.1	34.5	18.9	20.0	9.7
<b>1979</b>	51.0	52.6	37.0	21.3	22.8	11.2
<b>1980</b>	55.3	57.7	40.0	23.2	25.0	13.1
<b>1981</b>	57.6	61.0	39.9	25.1	27.4	13.7
<b>1982</b>	61.9	65.2	45.3	27.1	29.4	16.1
<b>1983</b>	58.4	65.2	38.9	23.3	27.6	11.5
<b>1984</b>	59.7	67.6	39.1	23.8	28.6	11.9
<b>1985</b>	58.0	66.2	40.1	22.1	26.6	11.7
<b>1986</b>	56.9	66.1	38.0	21.6	26.8	10.7
<b>1987</b>	55.5	64.9	37.3	20.2	25.1	10.6
<b>1988</b>	54.3	64.3	35.3	19.5	25.0	9.2
<b>1989</b>	52.2	62.9	34.2	18.1	23.8	8.4
<b>1990</b>	51.5	62.9	33.7	17.6	23.6	8.2
<b>1991</b>	53.3	65.2	36.9	18.2	24.6	9.0
<b>1992</b>	54.2	66.4	38.8	18.9	25.6	10.1
<b>1993</b>	55.9	67.9	41.6	19.0	25.8	10.8
<b>1994</b>	57.4	68.8	44.3	19.7	26.5	11.6
<b>1995</b>	59.7	71.0	46.6	21.6	29.2	12.7
<b>1996</b>	59.2	70.8	46.6	21.7	29.5	12.9
<b>1997</b>	62.4	73.4	50.4	26.0	35.5	16.5
<b>1998</b>	64.3	75.2	56.8	28.6	38.5	18.9
<b>1999</b>	67.2	76.9	56.1	30.7	40.3	19.9
<b>2000</b>	68.4	77.8	56.8	31.4	40.7	20.1
<b>2001</b>	69.5	78.9	58.2	32.5	43.2	20.8
<b>2002</b>	70.1	79.2	58.8	33.2	42.7	22.1

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## APPENDIX 2

### ROSS PRODUCTS DIVISION - MOTHERS SURVEY BREASTFEEDING RATES IN-HOSPITAL, AT SIX MONTHS AND AT 12 MONTHS All Infants and Selected Demographics

	<u>2002</u> <u>In Hospital</u>	<u>2002</u> <u>At 6 Months</u>	<u>2002</u> <u>At 12 Months</u>
<b>All infants</b>	<b>70.1</b>	<b>33.2</b>	<b>19.7</b>
Primiparous	72.5	31.9	18.9
Multiparous	67.3	34.6	20.6
Any Grade School	55.1	27.1	23.0
Any High School	60.7	23.4	14.1
No College	60.5	23.5	14.4
Any College	81.2	44.6	25.7
Employed Full-Time	69.0	27.1	12.6
Employed Part-Time	72.7	36.8	20.8
Total Employed	70.2	30.3	15.5
Not Employed	69.0	35.2	23.8
Less than 20 years	56.2	16.7	10.2
20-24 years	66.0	25.4	14.2
25-29 years	73.4	35.7	20.0
30-34 years	76.4	42.3	24.8
35+ years	74.1	43.1	25.9
LBW < 5 lb 9 oz	63.1	23.8	12.1
New England	73.3	37.0	21.5
Middle Atlantic	65.5	33.2	17.4
East North Central	66.7	28.7	16.4
West North Central	73.1	35.2	18.3
South Atlantic	67.5	31.2	18.1
East South Central	57.0	22.0	13.8
West South Central	64.9	27.3	16.4
Mountain	81.0	40.5	24.7
Pacific	81.5	43.4	28.2
WIC	58.8	22.1	12.8
Non-WIC	79.2	42.8	25.2
Black	53.9	19.2	11.8
White	73.4	36.0	21.2
Asian	80.2	46.2	28.1
Hispanic	70.7	32.7	19.3

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**APPENDIX 3**

**ROSS PRODUCTS DIVISION - MOTHERS SURVEY  
BREASTFEEDING RATES  
IN-HOSPITAL**

**All Infants and Selected Demographics**

	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>Change 2002 vs 1992</u>	<u>Change 2002 vs 2001</u>
<b>All infants</b>	<b>54.2</b>	<b>55.9</b>	<b>57.4</b>	<b>59.7</b>	<b>59.2</b>	<b>62.4</b>	<b>64.3</b>	<b>67.2</b>	<b>68.4</b>	<b>69.5</b>	<b>70.1</b>	<b>15.9</b>	<b>0.6</b>
Primiparous	56.4	58.7	59.7	61.6	61.0	64.6	66.5	69.6	71.1	72.0	72.5	16.1	0.5
Multiparous	52.8	54.3	55.3	57.8	57.4	60.1	62.0	64.5	65.4	66.5	67.3	14.5	0.8
Any Grade School	35.9	37.5	38.8	43.8	46.8	47.0	48.4	52.2	54.5	55.1	55.1	19.2	0.0
Any High School	43.9	46.0	47.7	49.7	49.2	53.0	55.0	58.5	59.8	61.1	60.7	16.8	-0.4
No College	43.6	45.7	47.4	49.5	49.1	52.8	54.9	58.4	59.7	61.0	60.5	16.9	-0.5
Any College	70.9	71.9	72.9	74.4	73.8	76.3	78.2	80.1	81.2	82.1	81.2	10.3	-0.9
Employed Full-Time	55.9	57.8	58.6	60.7	60.2	61.8	63.3	65.6	66.2	67.6	69.0	13.1	1.4
Employed Part-Time	61.4	61.5	62.5	63.5	63.3	64.8	66.3	69.7	70.7	71.5	72.7	11.3	1.2
Total Employed	57.8	59.1	59.9	61.7	61.3	62.9	64.4	67.0	67.7	68.8	70.2	12.4	1.4
Not Employed	51.6	53.5	55.3	58.0	57.5	60.9	63.1	66.5	68.0	69.0	69.0	17.4	0.0
Less than 20 years	33.6	36.6	39.9	42.8	43.3	47.3	50.5	54.4	56.2	57.2	56.2	22.6	-1.0
20-24 years	46.9	49.0	51.2	52.6	52.7	56.2	58.9	62.9	64.1	65.6	66.0	19.1	0.4
25-29 years	58.7	60.2	61.5	63.1	62.2	65.7	67.5	70.6	71.7	72.8	73.4	14.7	0.6
30-34 years	65.0	65.9	66.3	68.1	67.5	70.1	71.5	73.9	74.9	75.8	76.4	11.4	0.6
35+ years	67.2	67.4	67.7	70.0	69.3	71.1	72.6	74.7	75.3	76.1	74.1	6.9	-2.0
LBW < 5 lb 9 oz	40.2	43.1	44.3	47.7	48.0	53.2	56.3	60.5	62.5	62.7	63.1	22.9	0.4
New England	56.1	57.5	58.4	61.2	60.9	64.2	65.0	68.1	68.8	70.8	73.3	17.2	2.5
Middle Atlantic	48.8	50.1	51.9	53.8	53.5	56.5	57.8	61.0	63.0	64.0	65.5	16.7	1.5
East North Central	50.2	51.6	52.9	54.6	54.3	57.3	59.2	62.6	63.7	64.6	66.7	16.5	2.1
West North Central	57.6	58.2	59.6	61.9	60.8	65.3	66.8	69.4	70.7	72.0	73.1	15.5	1.1
South Atlantic	48.0	50.6	52.5	54.8	54.7	58.1	60.5	63.7	64.6	65.7	67.5	19.5	1.8
East South Central	39.2	41.4	42.3	44.1	45.1	46.8	49.6	52.5	53.4	54.4	57.0	17.8	2.6
West South Central	48.3	49.8	51.9	54.4	53.8	57.0	59.4	62.9	64.3	65.9	64.9	16.6	-1.0
Mountain	70.7	72.0	73.6	75.1	73.8	77.5	79.1	80.8	81.6	82.8	81.0	10.3	-1.8
Pacific	70.1	71.6	72.7	75.1	73.9	76.8	78.6	80.7	81.8	82.9	81.5	11.4	-1.4
WIC	38.8	41.6	44.3	46.6	46.6	50.4	56.8	56.1	56.8	58.2	58.8	20.0	0.6
Non-WIC	66.4	67.9	68.8	71.0	70.8	73.4	75.2	76.9	77.8	78.9	79.2	12.8	0.3
Black	28.1	30.8	33.2	37.0	37.1	41.3	44.9	50.0	50.8	52.9	53.9	25.8	1.0
White	60.0	61.1	62.3	64.3	63.8	66.5	67.9	70.2	71.5	72.2	73.4	13.4	1.2
Asian	N/A	N/A	N/A	N/A	N/A	N/A	76.9	80.0	80.9	81.6	80.2	N/A	-1.4
Hispanic	52.4	55.5	57.8	61.0	60.5	63.6	66.2	69.4	70.8	73.0	70.7	18.3	-2.3



## APPENDIX 4

### ROSS PRODUCTS DIVISION - MOTHERS SURVEY BREASTFEEDING RATES AT SIX MONTHS

#### All Infants and Selected Demographics

	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>Change 2002 vs 1992</u>	<u>Change 2002 vs 2001</u>
<b>All infants</b>	<b>18.9</b>	<b>19.0</b>	<b>19.7</b>	<b>21.6</b>	<b>21.7</b>	<b>26.0</b>	<b>28.6</b>	<b>30.7</b>	<b>31.4</b>	<b>32.5</b>	<b>33.2</b>	<b>14.3</b>	<b>0.7</b>
Primiparous	16.7	17.3	17.8	19.5	19.7	24.4	27.1	29.5	30.5	31.9	31.9	15.2	0.0
Multiparous	20.3	20.0	21.2	23.6	23.6	27.7	30.1	32.0	32.5	33.3	34.6	14.3	1.3
Any Grade School	13.4	13.1	14.6	17.1	17.6	20.9	23.4	29.5	23.8	18.9	27.1	13.7	8.2
Any High School	12.8	13.1	13.8	15.0	15.1	18.9	20.9	22.5	23.0	23.9	23.4	10.6	-0.5
No College	12.8	13.1	13.8	15.0	15.2	19.0	21.0	22.7	23.0	23.8	23.5	10.7	-0.3
Any College	28.4	28.3	28.9	31.2	31.1	37.1	40.4	42.5	44.1	45.8	44.6	16.2	-1.2
Employed Full-Time	11.4	11.9	12.6	14.3	14.8	18.1	21.0	22.5	22.8	25.1	27.1	15.7	2.0
Employed Part-Time	22.1	21.9	22.3	23.4	23.4	28.3	30.1	32.3	33.4	34.0	36.8	14.7	2.8
Total Employed	15.2	15.4	16.1	17.6	17.9	21.9	24.4	26.1	26.6	28.2	30.3	15.1	2.1
Not Employed	21.6	21.7	22.5	25.0	24.9	28.9	31.7	34.3	35.4	35.8	35.2	13.6	-0.6
Less than 20 years	6.2	6.9	7.7	9.1	9.6	12.2	15.6	17.9	18.2	19.5	16.7	10.5	-2.8
20-24 years	12.4	12.8	13.8	14.6	15.0	18.3	20.8	22.0	23.7	25.5	25.4	13.0	-0.1
25-29 years	20.5	20.8	21.4	22.9	23.1	28.4	30.4	33.7	33.7	35.1	35.7	15.2	0.6
30-34 years	27.6	27.3	27.3	29.0	28.5	34.9	38.5	39.9	40.9	41.8	42.3	14.7	0.5
35+ years	33.0	32.0	32.4	33.8	33.9	38.7	41.3	42.8	44.0	43.7	43.1	10.1	-0.6
LBW < 5 lb 9 oz	10.5	11.1	11.1	12.6	13.1	18.5	19.7	20.3	22.1	22.1	23.8	13.3	1.7
New England	19.6	19.6	20.2	22.2	23.1	28.5	28.2	30.8	34.7	37.1	37.0	17.4	-0.1
Middle Atlantic	17.5	17.6	18.4	19.6	19.8	24.0	26.9	28.8	28.8	30.3	33.2	15.7	2.9
East North Central	17.4	17.3	17.4	18.9	19.0	21.4	24.7	28.5	28.1	27.7	28.7	11.3	1.0
West North Central	18.8	18.6	18.5	21.4	20.8	26.7	29.6	27.9	30.6	31.7	35.2	16.4	3.5
South Atlantic	15.3	15.9	16.9	18.6	18.5	22.9	25.5	26.9	28.7	29.2	31.2	15.9	2.0
East South Central	11.7	12.1	12.4	13.0	14.0	15.3	17.3	20.6	20.8	20.3	22.0	10.3	1.7
West South Central	14.3	14.4	15.0	17.0	16.6	20.8	22.7	26.9	25.5	26.8	27.3	13.0	0.5
Mountain	27.3	27.8	28.9	30.3	30.9	35.8	38.1	38.7	42.8	44.3	40.5	13.2	-3.8
Pacific	27.4	27.2	28.4	30.9	30.7	36.7	40.0	41.2	41.2	44.2	43.4	16.0	-0.8
WIC	10.1	10.8	11.6	12.7	12.9	16.5	18.9	19.9	20.1	20.8	22.1	12.0	1.3
Non-WIC	25.6	25.8	26.5	29.2	29.5	35.5	38.5	40.3	40.7	43.2	42.7	17.1	-0.5
Black	8.0	8.6	9.6	11.2	11.3	14.5	18.5	19.9	20.6	21.9	19.2	11.2	-2.7
White	21.6	21.6	22.1	24.1	24.3	28.6	30.6	32.6	33.8	34.2	36.0	14.4	1.8
Asian	N/A	N/A	N/A	N/A	N/A	N/A	42.5	44.0	43.9	46.2	46.2	N/A	0.0
Hispanic	15.6	16.4	17.5	19.6	19.5	24.5	28.2	29.2	27.7	32.8	32.7	17.1	-0.1





APPENDIX 7

ROSS PRODUCTS DIVISION - MOTHERS SURVEY  
BREASTFEEDING RATES  
IN-HOSPITAL, AT SIX MONTHS AND AT 12 MONTHS  
All Infants and Selected Demographics

EXCLUSIVE BREASTFEEDING

	-----In-Hospital-----				-----At 6 Months-----				-----At 12 Months-----			
	1999	2000	2001	2002	1999	2000	2001	2002	1999	2000	2001	2002
<b>All infants</b>	<b>46.3</b>	<b>46.0</b>	<b>46.3</b>	<b>46.1</b>	<b>15.8</b>	<b>16.0</b>	<b>17.2</b>	<b>17.4</b>	<b>8.4</b>	<b>9.6</b>	<b>10.4</b>	<b>11.0</b>
Primiparous	47.0	46.9	47.3	47.1	15.5	15.9	17.0	16.9	7.6	9.2	9.7	10.6
Multiparous	45.5	45.0	45.1	44.9	16.1	16.2	17.3	17.9	9.1	10.0	11.1	11.4
Any Grade School	26.7	28.5	29.9	27.7	13.5	14.8	13.3	14.8	11.7	12.9	19.2	15.6
Any High School	38.6	38.5	39.0	37.2	11.8	11.5	12.7	12.1	6.3	7.5	8.1	8.1
No College	38.3	38.3	38.8	36.9	11.8	11.6	12.7	12.2	6.4	7.6	8.3	8.3
Any College	57.9	57.2	57.3	56.8	21.5	22.7	24.0	23.5	11.1	12.2	13.4	14.0
Employed Full-Time	45.1	44.4	44.7	45.3	8.7	9.1	10.4	11.8	3.9	5.1	5.3	5.7
Employed Part-Time	49.9	49.1	50.2	50.7	15.0	15.0	16.5	17.6	7.6	9.9	9.3	10.6
Total Employed	46.8	46.0	46.6	47.0	11.0	11.2	12.6	13.7	5.3	6.8	6.7	7.4
Not Employed	45.9	46.0	46.1	45.2	19.7	20.4	21.2	20.5	11.7	12.5	14.2	14.5
Less than 20 years	33.9	34.2	34.4	32.2	9.0	9.3	10.3	9.0	3.7	6.6	6.4	5.8
20-24 years	42.2	42.2	43.3	42.4	11.6	12.3	13.9	13.6	6.2	6.6	7.4	8.2
25-29 years	50.0	49.8	49.9	49.8	17.6	17.5	19.1	19.2	9.1	10.3	11.3	11.6
30-34 years	52.6	52.0	51.9	52.2	20.4	20.2	21.3	22.2	10.7	11.7	12.1	13.4
35+ years	52.0	50.6	50.4	48.8	21.0	22.3	21.8	20.6	11.6	12.4	14.8	14.1
LBW < 5 lb 9 oz	26.6	27.6	27.1	27.3	8.0	10.5	8.4	9.9	4.5	5.4	5.4	5.7
New England	52.9	52.2	53.6	54.1	16.4	17.2	20.6	20.9	8.6	9.5	11.6	12.5
Middle Atlantic	38.1	37.9	38.2	38.0	13.5	13.9	15.7	15.8	7.3	8.5	8.8	8.4
East North Central	44.7	44.7	44.6	46.2	15.1	14.4	14.0	14.4	6.3	8.5	7.9	9.3
West North Central	54.8	55.0	56.0	56.3	13.8	15.0	15.8	18.8	7.5	8.5	8.9	9.0
South Atlantic	43.3	42.7	42.8	43.4	14.2	14.5	15.6	17.2	7.3	9.5	9.7	9.7
East South Central	37.3	37.0	36.9	39.0	11.0	11.0	10.8	11.7	5.7	5.7	6.6	7.4
West South Central	41.3	41.0	41.4	39.3	13.7	13.6	13.9	14.0	7.0	7.8	8.5	9.1
Mountain	56.5	56.2	56.4	54.6	20.6	21.6	23.4	20.7	12.1	11.8	13.7	14.2
Pacific	54.2	53.7	54.2	53.1	21.2	21.7	24.1	23.3	12.7	13.9	16.0	17.5
WIC	34.1	33.5	33.9	33.4	9.4	9.2	10.0	11.1	5.7	6.4	6.6	7.1
Non-WIC	56.9	56.1	56.5	56.3	21.3	21.5	23.5	22.7	11.0	12.3	13.7	14.1
Black	26.2	25.8	26.6	27.5	10.2	8.5	10.7	9.5	4.2	6.9	6.4	6.2
White	52.6	52.4	52.8	54.0	17.2	18.0	18.7	19.7	9.0	10.1	10.9	12.0
Asian	45.3	43.3	42.9	42.8	20.0	19.6	20.0	21.4	10.6	11.8	13.5	13.5
Hispanic	35.7	36.1	36.2	37.1	13.4	13.4	16.2	15.2	9.4	9.0	12.2	11.0