

Pregnancy Risk Assessment Monitoring System (PRAMS)

What is PRAMS?

The Pregnancy Risk Assessment Monitoring System (PRAMS) is an ongoing population-based survey of new mothers designed to monitor maternal experiences and behaviors before, during and after pregnancy. The Centers for Disease Control and Prevention (CDC) developed PRAMS in 1987 to provide data to develop and evaluate programs to reduce infant mortality and low birth weight.

As of 2012, PRAMS is conducted in 40 states and New York City, representing 75% of all births in the United States.

PRAMS in New York City

Data collection for PRAMS in New York City (NYC) began in 2001. Each month, approximately 180 NYC residents who have given birth in the previous 2-4 months in NYC are randomly selected from registered birth certificates to participate in PRAMS. The survey is mailed to women, and those who do not respond are contacted by telephone. Women are mailed an incentive to participate. The survey is in English, Spanish, and Chinese and includes about 80 items on numerous topics, including: unintended pregnancy, contraceptive use, prenatal care, breastfeeding, smoking, drinking, domestic violence, and maternal and infant health.

Findings from PRAMS are used to: enhance understanding of maternal behaviors that are important for good reproductive outcomes and infant health, such as smoking, body mass index, breastfeeding, and contraceptive use; develop and evaluate programs to improve maternal and infant health; and inform policy development in NYC.

PRAMS is approved by the Institutional Review Boards of the CDC and the NYC Department of Health and Mental Hygiene.

PRAMS Methodology

The NYC PRAMS sample is selected by stratified random sampling without replacement. Low birth weight (LBW) births (<2500 grams) are oversampled such that 30% of the PRAMS sample is LBW compared with 9% in the 2010 NYC birth cohort. PRAMS survey data are linked to selected variables from the birth certificate including maternal demographic characteristics, infant birth weight, and gestation. The final PRAMS analysis dataset is weighted for sample design, nonresponse and noncoverage. It provides city-wide estimates of the prevalence of perinatal health behaviors and experiences of NYC women delivering live infants.

The CDC recommends a 65% response rate to share data publicly. The 2010 tables represent January to December births in 2010. The data are weighted to represent 115,091 live births to residents in NYC in 2010. A 67% response rate was achieved in 2010.

The tables were prepared using statistical software for the analysis of survey data (PROC Crosstab in SUDAAN, v 10.0.1). Results are not reported for categories where the number of actual respondents is less than 30 due to the instability of such estimates. Estimates based on 30-60 respondents may not be reliable, and are noted. Missing observations are excluded from analyses, and the percentage of missing values is noted when it equals or exceeds 10%.

For More Information:

- NYC PRAMS
 - <http://www.nyc.gov/html/doh/html/ms/ms-prams.shtml>
 - prams@health.nyc.gov

- CDC PRAMS
 - <http://www.cdc.gov/prams/>

- Bureau of Maternal, Infant, and Reproductive Health, NYC Department of Health and Mental Hygiene
 - <http://www.nyc.gov/html/doh/html/ms/ms.shtml>

Number and percent of women who report infant most often lays on back for sleep
by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	69,050	63.9	60.6 - 67.0
Age			
19 and under	5,022	57.7	42.6 - 71.6
20 to 24	10,902	60.1	52.1 - 67.6
25 to 34	37,358	63.8	59.4 - 67.9
35 and over	15,768	69.4	62.6 - 75.4
Race/ethnicity			
White non-Hispanic	21,573	75.0	69.2 - 80.0
Black non-Hispanic	14,249	59.0	51.5 - 66.0
Hispanic	18,871	54.0	48.0 - 59.8
Asian/Pacific Islander	10,597	70.5	61.9 - 77.8
Other**	3,649	71.9	57.0 - 83.2
Education			
Not a High School Graduate	14,909	60.1	53.0 - 66.8
High School Graduate	12,763	51.5	44.4 - 58.5
Some College	16,965	63.6	56.9 - 69.9
College Graduate	24,270	76.5	71.0 - 81.2
Payment for Prenatal Care			
Medicaid	35,667	58.2	53.7 - 62.6
No Medicaid	33,384	71.3	66.5 - 75.6
Nativity			
US Born	31,904	65.8	60.8 - 70.4
Foreign born	37,147	62.3	57.9 - 66.5
Borough of residence			
Bronx	12,144	58.4	50.6 - 65.8
Brooklyn	24,015	64.1	58.5 - 69.3
Manhattan	12,078	74.4	66.1 - 81.2
Queens	18,022	62.0	55.6 - 68.1
Staten Island	2,792	60.8	44.6 - 74.9

* Notes.

1. Question 52: In which one position do you most often lay your baby down to sleep now?

Answers:

On his or her side

On his or her back

On his or her stomach

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who report infant usually sleeps in a crib by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	93,449	88.3	86.0 - 90.3
Age			
19 and under	7,927	93.7	81.6 - 98.0
20 to 24	16,500	93.3	87.9 - 96.4
25 to 34	50,379	87.4	84.1 - 90.1
35 and over	18,642	84.7	78.8 - 89.2
Race/ethnicity			
White non-Hispanic	26,321	92.2	88.3 - 94.9
Black non-Hispanic	20,223	85.3	79.1 - 89.9
Hispanic	31,752	92.1	88.1 - 94.8
Asian/Pacific Islander	10,330	73.3	64.8 - 80.3
Other**	4,697	97.1	87.0 - 99.4
Education			
Not a High School Graduate	20,723	86.0	80.3 - 90.3
High School Graduate	22,387	90.3	85.6 - 93.6
Some College	23,299	90.6	85.6 - 94.0
College Graduate	26,928	86.7	82.0 - 90.4
Payment for Prenatal Care			
Medicaid	54,068	90.6	87.6 - 92.9
No Medicaid	39,381	85.4	81.5 - 88.6
Nativity			
US Born	43,790	92.2	89.1 - 94.5
Foreign born	49,659	85.1	81.6 - 88.1
Borough of residence			
Bronx	19,087	93.6	88.9 - 96.5
Brooklyn	32,116	87.5	83.2 - 90.9
Manhattan	14,370	89.9	83.9 - 93.8
Queens	23,591	83.5	78.0 - 87.8
Staten Island	4,284	95.9	86.7 - 98.8

* Notes.

1. Question 63: Where does your new baby usually sleep?

Answers:

- In a crib, cradle or bassinet
- On an adult bed or mattress
- Someplace else?

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimate based on <60 respondents and may not be reliable.

Number and percent of women who report infant usually sleeps in bed with mother or another adult or child by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	20,692	19.4	16.9 - 22.3
Age			
19 and under	1,791	21.1	11.4 - 35.9
20 to 24	2,550	14.4	9.6 - 21.1
25 to 34	11,930	20.5	17.1 - 24.4
35 and over	4,421	19.9	14.8 - 26.2
Race/ethnicity			
White non-Hispanic	2,351	8.3	5.4 - 12.6
Black non-Hispanic	6,419	26.7	20.7 - 33.8
Hispanic	5,617	16.2	12.3 - 21.2
Asian/Pacific Islander	5,589	38.2	30.1 - 47.0
Other**	716	14.8	6.3 - 31.2
Education			
Not a High School Graduate	4,464	18.4	13.5 - 24.6
High School Graduate	4,593	18.5	13.7 - 24.6
Some College	5,159	19.8	14.7 - 26.0
College Graduate	6,444	20.6	16.2 - 26.0
Payment for Prenatal Care			
Medicaid	11,550	19.2	15.8 - 23.0
No Medicaid	9,142	19.8	16.0 - 24.1
Nativity			
US Born	7,640	16.0	12.6 - 20.2
Foreign born	13,052	22.2	18.6 - 26.1
Borough of residence			
Bronx	3,931	19.1	13.6 - 26.1
Brooklyn	6,792	18.4	14.3 - 23.3
Manhattan	2,604	16.4	11.0 - 23.7
Queens	7,084	24.9	19.6 - 30.9
Staten Island	281	6.1	2.0 - 17.3

* Notes.

1. Question 65: Does your new baby usually sleep in the same bed with you or another adult or child?

Answers:

No

Yes

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimate based on <60 respondents and may not be reliable.

Number and percent of women using contraception postpartum by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	87,525	78.5	75.8 - 81.1
Age			
19 and under	7,703	88.1	75.0 - 94.8
20 to 24	14,739	77.5	70.4 - 83.4
25 to 34	48,253	79.2	75.5 - 82.5
35 and over	16,830	73.8	67.3 - 79.4
Race/ethnicity			
White non-Hispanic	20,406	68.4	62.5 - 73.8
Black non-Hispanic	20,696	83.5	77.5 - 88.1
Hispanic	29,744	82.7	77.9 - 86.6
Asian/Pacific Islander	12,289	77.1	69.5 - 83.4
Other**	4,377	88.6	76.0 - 95.1
Education			
Not a High School Graduate	20,435	79.8	73.9 - 84.7
High School Graduate	19,216	74.9	68.6 - 80.4
Some College	21,561	79.1	73.2 - 84.0
College Graduate	26,171	79.8	74.7 - 84.0
Payment for Prenatal Care			
Medicaid	50,367	79.5	75.8 - 82.8
No Medicaid	37,158	77.2	72.9 - 81.0
Nativity			
US Born	39,483	78.4	74.2 - 82.1
Foreign born	48,042	78.7	74.8 - 82.0
Borough of residence			
Bronx	17,709	83.2	76.7 - 88.2
Brooklyn	28,802	73.4	68.3 - 78.0
Manhattan	13,239	80.8	73.5 - 86.4
Queens	24,008	80.9	75.5 - 85.3
Staten Island	3,767	77.1	62.2 - 87.3

* Notes.

1. Question 54: Are you or your husband/partner doing anything now to keep from getting pregnant? (Some things people do to keep from getting pregnant include not having sex at certain times [natural family planning or rhythm] or withdrawal, and using birth control methods such as the pill, condoms, vaginal ring, IUD, having their tubes tied, or their partner having a vasectomy.)

Answers

Yes

No

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of unintended pregnancies among live births by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	40,328	35.8	32.7 - 39.0
Age			
19 and under	6,149	70.0	54.7 - 81.8
20 to 24	8,402	44.2	36.7 - 52.1
25 to 34	20,650	33.5	29.6 - 37.7
35 and over	5,128	21.9	16.8 - 28.1
Race/ethnicity			
White non-Hispanic	4,906	16.6	12.6 - 21.6
Black non-Hispanic	12,193	48.1	40.9 - 55.3
Hispanic	16,751	46.0	40.2 - 51.8
Asian/Pacific Islander	4,752	29.8	22.6 - 38.2
Other**	1,614	30.3	18.0 - 46.3
Education			
Not a High School Graduate	10,968	40.8	34.3 - 47.6
High School Graduate	10,563	40.7	34.0 - 47.7
Some College	13,226	48.3	41.7 - 55.0
College Graduate	5,571	17.2	13.2 - 22.1
Payment for Prenatal Care			
Medicaid	29,205	45.3	41.0 - 49.8
No Medicaid	11,123	23.0	19.1 - 27.5
Nativity			
US Born	18,695	37.5	32.7 - 42.5
Foreign born	21,633	34.4	30.4 - 38.7
Borough of residence			
Bronx	11,070	51.5	43.9 - 58.9
Brooklyn	13,604	34.7	29.6 - 40.2
Manhattan	3,526	21.5	15.3 - 29.3
Queens	10,626	34.5	28.8 - 40.8
Staten Island	1,503	30.6	18.0 - 47.1

* Notes.

1. Question 11: Thinking back to just before you got pregnant with your new baby, how did you feel about becoming pregnant?

- Answers:
- I wanted to be pregnant sooner
 - I wanted to be pregnant later
 - I wanted to be pregnant then
 - I didn't want to be pregnant then or at any time in the future

Women who answered 'I wanted to be pregnant later' or 'I didn't want to be pregnant then or at any time in the future' were counted as having an unintended pregnancy.

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who drank any alcohol three months prior to conception by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	43,449	39.3	36.1 - 42.5
Age			
19 and under	1,974	22.6	12.5 - 37.4
20 to 24	6,725	35.3	28.2 - 43.1
25 to 34	23,766	39.3	35.1 - 43.6
35 and over	10,983	49.2	42.3 - 56.2
Race/ethnicity			
White non-Hispanic	16,333	56.0	49.8 - 62.0
Black non-Hispanic	8,836	36.4	29.6 - 43.7
Hispanic	12,916	35.9	30.6 - 41.7
Asian/Pacific Islander	3,065	19.2	13.5 - 26.6
Other**	2,299	45.2	30.7 - 60.5
Education			
Not a High School Graduate	4,967	19.3	14.4 - 25.3
High School Graduate	7,556	29.2	23.3 - 35.8
Some College	10,957	41.1	34.6 - 47.9
College Graduate	19,857	61.7	55.9 - 67.3
Payment for Prenatal Care			
Medicaid	17,589	27.9	24.1 - 32.1
No Medicaid	25,860	54.3	49.4 - 59.2
Nativity			
US Born	25,496	51.5	46.6 - 56.5
Foreign born	17,953	29.4	25.5 - 33.5
Borough of residence			
Bronx	7,193	33.5	26.8 - 40.9
Brooklyn	14,093	36.7	31.5 - 42.2
Manhattan	10,795	67.4	59.0 - 74.8
Queens	8,911	29.9	24.4 - 36.0
Staten Island	2,456	50.4	35.5 - 65.2

* Notes.

1. Question #32a: During the 3 months before you got pregnant, how many alcoholic drinks did you have in an average week? Answers:

14 drinks or more a week	7 to 13 drinks a week
4 to 6 drinks a week	1 to 3 drinks a week
Less than 1 drink a week	I didn't drink then

[Women who reported drinking any quantity were counted as drinking alcohol.]

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who drank any alcohol during the last three months of pregnancy by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	10,514	9.5	7.8 - 11.6
Age			
19 and under	488	5.6	1.6 - 18.0
20 to 24	1,056	5.5	3.0 - 10.2
25 to 34	5,910	9.8	7.5 - 12.6
35 and over	3,061	13.7	9.5 - 19.3
Race/ethnicity			
White non-Hispanic	5,413	18.5	14.1 - 23.7
Black non-Hispanic	580	2.4	0.9 - 6.4
Hispanic	3,087	8.6	5.9 - 12.4
Asian/Pacific Islander	1,087	6.9	3.7 - 12.5
Other**	348	6.9	2.3 - 18.6
Education			
Not a High School Graduate	894	3.5	1.6 - 7.2
High School Graduate	1,073	4.2	2.2 - 7.8
Some College	1,634	6.1	3.6 - 10.2
College Graduate	6,913	21.4	16.9 - 26.7
Payment for Prenatal Care			
Medicaid	2,513	4.0	2.6 - 6.0
No Medicaid	8,001	16.8	13.5 - 20.8
Nativity			
US Born	6,497	13.1	10.2 - 16.8
Foreign born	4,017	6.6	4.7 - 9.1
Borough of residence			
Bronx	1,470	6.8	3.9 - 11.8
Brooklyn	3,414	8.9	6.2 - 12.6
Manhattan	3,531	21.8	15.8 - 29.4
Queens	1,405	4.7	2.7 - 8.3
Staten Island	695	14.3	6.7 - 27.8

* Notes.

1. Question #33a: During the last 3 months of your pregnancy, how many alcoholic drinks did you have in an average week? Answers:

14 drinks or more a week	7 to 13 drinks a week
4 to 6 drinks a week	1 to 3 drinks a week
Less than 1 drink a week	I didn't drink then

[Women who reported drinking any quantity were counted as drinking alcohol.]

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who smoked three months prior to conception by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	10,334	9.2	7.5 - 11.3
Age			
19 and under	980	11.2	4.6 - 24.6
20 to 24	2,069	10.9	6.9 - 16.6
25 to 34	6,220	10.2	7.9 - 13.1
35 and over	1,065	4.6	2.6 - 8.1
Race/ethnicity			
White non-Hispanic	2,615	8.9	6.0 - 13.1
Black non-Hispanic	2,549	10.5	6.9 - 15.6
Hispanic	3,824	10.4	7.4 - 14.3
Asian/Pacific Islander	629	3.9	1.6 - 9.0
Other**	715	14.1	5.6 - 31.2
Education			
Not a High School Graduate	2,249	8.4	5.3 - 13.0
High School Graduate	2,190	8.5	5.5 - 12.8
Some College	3,895	14.5	10.4 - 20.0
College Graduate	1,870	5.8	3.6 - 9.2
Payment for Prenatal Care			
Medicaid	6,272	9.8	7.6 - 12.7
No Medicaid	4,062	8.4	6.1 - 11.6
Nativity			
US Born	7,019	14.2	11.1 - 17.9
Foreign born	3,315	5.3	3.7 - 7.6
Borough of residence			
Bronx	2,846	13.1	8.9 - 18.9
Brooklyn	3,005	7.7	5.2 - 11.2
Manhattan	1,831	11.3	6.9 - 18.1
Queens	2,102	7.0	4.4 - 10.9
Staten Island	550	11.3	4.8 - 24.2

* Notes.

1. Question #27: In the 3 months before you got pregnant, how many cigarettes did you smoke on an average day? (A pack has 20 cigarettes)

Answers:

41 cigarettes or more	21 to 40 cigarettes
11 to 20 cigarettes	6 to 10 cigarettes
1 to 5 cigarettes	Less than 1 cigarette
I didn't smoke then	

[Women who reported smoking any cigarettes were counted as smokers.]

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who smoked during the last three months of pregnancy by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	2,592	2.3	1.5 - 3.5
Age			
19 and under	237	2.7	0.4 - 15.4
20 to 24	635	3.3	1.5 - 7.3
25 to 34	1,327	2.2	1.2 - 3.8
35 and over	393	1.7	0.8 - 3.9
Race/ethnicity			
White non-Hispanic	203	0.7	0.2 - 2.8
Black non-Hispanic	811	3.4	1.6 - 6.7
Hispanic	1,243	3.4	1.8 - 6.2
Asian/Pacific Islander	224	1.4	0.4 - 4.8
Other**	111	2.2	0.3 - 13.9
Education			
Not a High School Graduate	1,127	4.2	2.2 - 8.1
High School Graduate	355	1.4	0.6 - 3.4
Some College	954	3.6	1.8 - 6.9
College Graduate	156	0.5	0.1 - 2.0
Payment for Prenatal Care			
Medicaid	1,879	3.0	1.8 - 4.8
No Medicaid	713	1.5	0.7 - 3.2
Nativity			
US Born	1,707	3.5	2.1 - 5.6
Foreign born	886	1.4	0.7 - 3.0
Borough of residence			
Bronx	1,212	5.6	3.0 - 10.2
Brooklyn	632	1.6	0.7 - 3.6
Manhattan	249	1.6	0.4 - 5.2
Queens	327	1.1	0.4 - 3.3
Staten Island	171	3.5	0.7 - 16.5

* Notes.

1. Question #28: In the last 3 months of pregnancy, how many cigarettes did you smoke on an average day?

(A pack has 20 cigarettes.)

Answers:

41 cigarettes or more	21 to 40 cigarettes
11 to 20 cigarettes	6 to 10 cigarettes
1 to 5 cigarettes	Less than 1 cigarette
I didn't smoke then	

[Women who reported smoking any cigarettes were counted as smokers.]

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who are overweight or obese before pregnancy by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	36,660	37.0	33.7 - 40.4
Age			
19 and under	2,597	35.6	21.6 - 52.4
20 to 24	6,282	39.1	31.2 - 47.6
25 to 34	19,464	35.7	31.5 - 40.3
35 and over	8,317	39.2	32.4 - 46.4
Race/ethnicity			
White non-Hispanic	7,797	27.8	22.5 - 33.8
Black non-Hispanic	11,811	50.5	43.0 - 58.0
Hispanic	13,374	45.5	39.1 - 51.9
Asian/Pacific Islander	2,127	15.3	10.0 - 22.5
Other**	1,551	36.7	22.6 - 53.5
Education			
Not a High School Graduate	6,738	34.3	27.3 - 42.2
High School Graduate	10,726	47.6	40.2 - 55.0
Some College	11,659	45.3	38.5 - 52.2
College Graduate	7,537	24.3	19.5 - 29.9
Payment for Prenatal Care			
Medicaid	21,971	40.8	36.2 - 45.6
No Medicaid	14,689	32.5	27.9 - 37.5
Nativity			
US Born	19,286	40.8	35.9 - 45.9
Foreign born	17,375	33.5	29.2 - 38.2
Borough of residence			
Bronx	9,389	49.8	41.7 - 57.8
Brooklyn	11,938	34.9	29.6 - 40.7
Manhattan	4,088	26.1	19.2 - 34.5
Queens	9,512	36.3	30.0 - 43.1
Staten Island	1,733	41.8	26.8 - 58.5

* Notes.

1. Body mass index (BMI) was calculated based on mothers' self reported weight and height just before pregnancy. A BMI of 25 or higher is counted as overweight or obese.

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who report ever breastfeeding by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	96,654	88.8	86.5 - 90.7
Age			
19 and under	7,317	84.1	69.5 - 92.5
20 to 24	16,510	90.4	84.5 - 94.2
25 to 34	51,591	87.3	84.1 - 90.0
35 and over	21,236	93.2	89.2 - 95.8
Race/ethnicity			
White non-Hispanic	26,325	90.7	86.4 - 93.7
Black non-Hispanic	21,327	88.2	82.7 - 92.1
Hispanic	31,941	90.3	85.9 - 93.5
Asian/Pacific Islander	11,878	78.8	70.8 - 85.1
Other**	5,059	99.7	98.2 - 100
Education			
Not a High School Graduate	20,862	82.9	76.8 - 87.6
High School Graduate	22,210	88.7	83.4 - 92.5
Some College	23,586	88.8	83.8 - 92.3
College Graduate	29,852	93.5	89.9 - 95.9
Payment for Prenatal Care			
Medicaid	53,863	87.1	83.7 - 89.9
No Medicaid	42,791	91.0	87.8 - 93.4
Nativity			
US Born	41,671	85.6	81.5 - 88.8
Foreign born	54,982	91.4	88.7 - 93.6
Borough of residence			
Bronx	19,254	91.1	85.4 - 94.7
Brooklyn	33,571	89.2	85.2 - 92.1
Manhattan	15,039	92.5	86.8 - 95.9
Queens	25,671	87.9	82.9 - 91.6
Staten Island	3,119	67.7	51.3 - 80.7

* Notes.

1. Question 46. Did you ever breastfeed or pump breast milk to feed your new baby after delivery, even for a short period of time?

Answers:

No

Yes

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who breastfed for 8 weeks or more by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	74,382	68.8	65.6 - 71.8
Age			
19 and under	3,748	43.1	29.2 - 58.2
20 to 24	12,077	66.6	58.7 - 73.6
25 to 34	41,621	70.8	66.7 - 74.7
35 and over	16,936	75.2	68.9 - 80.6
Race/ethnicity			
White non-Hispanic	22,533	77.9	72.4 - 82.6
Black non-Hispanic	16,763	69.4	62.2 - 75.9
Hispanic	22,505	64.5	58.5 - 70.0
Asian/Pacific Islander	8,909	59.6	50.8 - 67.7
Other**	3,560	70.4	54.0 - 82.8
Education			
Not a High School Graduate	14,303	58.3	51.0 - 65.1
High School Graduate	17,537	70.2	63.3 - 76.2
Some College	16,715	63.0	56.2 - 69.3
College Graduate	25,684	80.6	75.4 - 84.8
Payment for Prenatal Care			
Medicaid	40,256	65.7	61.3 - 69.9
No Medicaid	34,126	72.8	68.2 - 77.0
Nativity			
US Born	30,300	62.3	57.2 - 67.1
Foreign born	44,082	74.1	70.0 - 77.8
Borough of residence			
Bronx	14,262	68.9	61.2 - 75.7
Brooklyn	26,178	69.8	64.3 - 74.8
Manhattan	11,612	72.0	63.6 - 79.2
Queens	20,530	70.4	64.1 - 75.9
Staten Island	1,801	39.1	25.1 - 55.1

* Notes.

1. Question #48: How many weeks or months did you breastfeed or pump breast milk to feed your baby?

_____weeks or _____months

Less than 1 week

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.

Number and percent of women who exclusively breastfed for 8 weeks or more
by select sociodemographic characteristics: NYC PRAMS, 2010

Characteristic	Number	Percent	95% CI
Overall			
2010 Births	25,840	24.6	21.8 - 27.6
Age			
19 and under	1,312	15.1	7.3 - 28.8
20 to 24	4,862	28.0	21.2 - 36.1
25 to 34	14,158	24.8	21.1 - 28.8
35 and over	5,509	25.1	19.4 - 31.9
Race/ethnicity			
White non-Hispanic	9,426	33.0	27.3 - 39.2
Black non-Hispanic	5,042	21.3	15.8 - 28.1
Hispanic	7,504	22.5	17.9 - 27.9
Asian/Pacific Islander	2,887	19.5	13.4 - 27.5
Other**	968	20.8	11.0 - 36.0
Education			
Not a High School Graduate	6,148	25.4	19.7 - 32.2
High School Graduate	4,729	19.8	14.7 - 26.1
Some College	5,309	20.9	15.8 - 27.0
College Graduate	9,641	30.7	25.4 - 36.5
Payment for Prenatal Care			
Medicaid	14,101	23.9	20.2 - 28.0
No Medicaid	11,739	25.5	21.4 - 30.1
Nativity			
US Born	10,270	21.5	17.7 - 25.9
Foreign born	15,570	27.1	23.3 - 31.4
Borough of residence			
Bronx	5,570	27.6	21.1 - 35.2
Brooklyn	8,633	23.7	19.2 - 29.0
Manhattan	4,368	27.6	20.8 - 35.8
Queens	6,521	23.1	18.0 - 29.1
Staten Island	748	16.3	8.1 - 30.3

* Notes: Responses are based on answers to questions 51a and 51b, below.

1. Question 51a: How old was your new baby the first time he or she drank liquids other than breast milk
(such as formula, water, juice, tea, or cow's milk)?

Question 51b: How old was your new baby the first time he or she ate food
(such as baby cereal, baby food, or any other food)?

Answers:

_____weeks or _____months

My baby was less than 1 week old

My baby has not had any liquids other than breast milk (51a)/My baby has not eaten any foods (51b)

2. Totals for each category may not equal overall total due to missing data or rounding.

3. Data are weighted and are based on responses of 1,436 NYC women giving birth in 2010.

** estimates based on <60 respondents and may not be reliable.