TABLE 1. Percentage distribution of New Jersey women who had a first birth in 1996–2000 and a subsequent birth by 2006, by selected characteristics, according to timing of first prenatal care visit

Characteristic	All (N=113,662)	1–3 months (N=96,914)	4–6 months (N=13,508)	7–9 months (N=2,840)	No care (N=400)
Age***					
≤19	14.0	10.0	35.5	39.5	55.5
20–34	79.4	82.7	61.4	57.9	42.5
≥35	6.6	7.3	3.0	2.7	2.0
Race/ethnicity***					
White	62.7	67.5	36.0	32.7	31.3
Black	11.9	9.6	24.4	26.5	40.3
Hispanic	16.7	14.4	30.3	30.7	23.5
Other	8.6	8.5	9.2	9.9	4.8
Nativity***					
U.S.-born	76.1	78.0	65.9	62.3	79.0
Foreign-born	23.9	22.0	34.1	37.7	21.0
Yrs. of education***					
<12	13.2	9.7	32.6	36.4	48.3
12–15	47.5	47.1	50.0	47.0	44.3
≥16	39.3	43.2	17.4	16.6	7.5
Marital status***					
Married/had father information	71.9	77.5	40.5	38.2	14.8
Unmarried/had father information	22.2	18.5	44.7	40.5	44.5
No father information	5.9	4.0	14.8	21.3	40.8
Medicaid-covered birth***					
Yes	20.9	16.3	47.3	48.6	29.3
No	79.1	83.7	52.7	51.4	70.7
Total	100.0	100.0	100.0	100.0	100.0

***p<.001 from chi-square tests of equal proportions. *Note:* Percentages may not total 100.0 because of rounding.

TABLE 2. Percentage distribution of New Jersey women who had a first birth in 1996–2000 and a subsequent birth by 2006, by birth interval, according to selected characteristics

Characteristic	<18 months (N=12,437)	18–59 months (N=84,609)	≥60 months (N=16,616)	Total (N=113,662)
All ***	**10.9**	**74.4**	**14.6**	**100.0**
Timing of first prenatal care visit***				
1–3 months	10.4	76.1	13.5	100.0
4–6 months	13.9	65.1	21.1	100.0
7–9 months	14.9	65.1	20.0	100.0
No prenatal care	17.5	57.3	25.3	100.0
Adequacy of prenatal care***				
Intensive	10.2	76.0	13.8	100.0
Adequate	10.3	76.4	13.3	100.0
Intermediate	10.8	74.1	15.1	100.0
Inadequate	14.0	68.1	17.9	100.0
No prenatal care	16.7	57.9	25.4	100.0
Missing	11.3	75.3	13.4	100.0
Age***				
≤19	14.2	59.9	25.9	100.0
20–34	10.2	76.4	13.4	100.0
≥35	12.9	81.2	5.9	100.0
Race/ethnicity***				
White	9.9	79.3	10.8	100.0
Black	13.8	62.2	24.1	100.0
Hispanic	13.0	65.2	21.8	100.0
Other	10.4	74.0	15.5	100.0
Nativity***				
U.S.-born	10.6	75.8	13.6	100.0
Foreign-born	12.0	70.1	17.8	100.0
Yrs. of education***				
<12	14.9	61.6	23.5	100.0
12–15	11.3	71.2	17.5	100.0
≥16	9.2	82.7	8.1	100.0
Marital status***				
Married/had father information	10.4	79.8	9.9	100.0
Unmarried/had father information	12.5	61.5	26.0	100.0
No father information	12.2	58.3	29.5	100.0
Medicaid-covered birth***				
Yes	14.1	61.1	24.8	100.0
No	10.1	78.0	11.9	100.0

***p<.001 from chi-square tests of equal proportions. *Note:* Percentages may not total 100.0 because of rounding.

TABLE 3. Odds ratios from multinomial logistic regression model of associations between timing of first prenatal care visit and length of subsequent birth interval

Characteristic	<18 months	≥60 months
Timing of first visit		
1–3 months (ref)	1.00	1.00
4–6 months	1.19***	1.03
7–9 months	1.26***	0.94
No prenatal care	1.61***	1.15
Age		
≤19	1.14***	1.09*
20–34 (ref)	1.00	1.00
≥35	1.33***	0.58***
Race/ethnicity		
White (ref)	1.00	1.00
Black	1.31***	1.32*
Hispanic	1.11*	1.24***
Other	1.06	1.46***
Nativity		
U.S.-born (ref)	1.00	1.00
Foreign-born	1.08**	1.23***
Yrs. of education		
<12	1.45***	1.36***
12–15	1.26***	1.60***
≥16 (ref)	1.00	1.00
Marital status		
Married/had father information (ref)	1.00	1.00
Unmarried/had father information	0.97	2.44**
No father information	0.86*	2.51***
Medicaid-covered birth		
Yes	1.23***	1.09**
No (ref)	1.00	1.00

McFadden's pseudo-R^2=.05
df=69

*p<.05. **p<.01. ***p<.001. *Notes:* Model includes hospital and year indicators with adjusted standard errors to account for clustering by hospital. Reference birth interval is 18–59 months.

TABLE 4. Odds ratios from multinomial logistic regression model of associations between adequacy of prenatal care and length of subsequent birth interval

Characteristic	<18 months	≥60 months
Adequacy of prenatal care		
Intensive	0.97	1.01
Adequate (ref)	1.00	1.00
Intermediate	1.01	0.97
Inadequate	1.23***	0.95
No prenatal care	1.53**	1.13
Missing	1.08	0.94
Age		
≤19	1.15***	1.10*
20–34 (ref)	1.00	1.00
≥35	1.33***	0.58***
Race/ethnicity		
White (ref)	1.00	1.00
Black	1.31***	1.32***
Hispanic	1.12*	1.24***
Other	1.06	1.46***
Nativity		
U.S.-born (ref)	1.00	1.00
Foreign-born	1.09**	1.23***
Yrs. of education		
<12	1.46***	1.36***
12–15	1.26***	1.60***
≥16 (ref)	1.00	1.00
Marital status		
Married/had father information (ref)	1.00	1.00
Unmarried/had father information	0.98	2.45***
No father information	0.87*	2.52***
Medicaid-covered birth		
Yes	1.24***	1.09**
No (ref)	1.00	1.00

McFadden's pseudo-R^2=.05
df=71

*p<.05. **p<.01. ***p<.001. *Notes:* Model includes hospital and year indicators with adjusted standard errors to account for clustering by hospital. Reference birth interval is 18–59 months.

Elsewhere, most of these other prenatal birth-interval var...

TABLE 5. Odds ratios from multinomial logistic regression models of associations between timing of first prenatal care visit and length of subsequent birth interval among mothers aged 25 or older, by maternal education

Characteristic	<16 yrs. of education (N=33,653)		≥16 yrs. of education (N=42,418)	
	Birth interval <18 months	Birth interval ≥60 months	Birth interval <18 months	Birth interval ≥60 months
Timing of first prenatal visit				
1–3 months (ref)	1.00	1.00	1.00	1.00
4–6 months	1.23**	1.01	1.07	1.01
7–9 months	1.28	1.02	1.35	1.05
No prenatal care	1.75	1.46	3.87	5.24
Age				
25–34 (ref)	1.00	1.00	1.00	1.00
≥35	2.47***	1.90***	1.95***	1.35***
Race/ethnicity				
White (ref)	1.00	1.00	1.00	1.00
Black	0.78**	0.64***	0.73**	0.56***
Hispanic	0.78**	0.69***	0.87	0.69***
Other	0.82*	0.68***	0.56***	0.61***
Nativity				
U.S.-born (ref)	1.00	1.00	1.00	1.00
Foreign-born	1.12	0.95	0.71***	0.65***
Marital status				
Married/ had father information (ref)	1.00	1.00	1.00	1.00
Unmarried/ had father information	0.66***	0.51***	0.34***	0.36***
No father information	0.36***	0.40***	0.26***	0.18***
Medicaid-covered birth				
Yes	1.07	0.88*	1.28	0.95
No (ref)	1.00	1.00	1.00	1.00
McFadden's pseudo-R^2	.03		.03	
df	70		68	

*p<.05. **p<.01. ***p<.001. *Notes:* Models include hospital and year indicators with adjusted standard errors to account for clustering by hospital. Reference birth interval is 18–59 months.

TABLE 6. Odds ratios from logistic regression models of associations between timing of first prenatal care visit and length of birth and interpregnancy intervals

Characteristic	Birth interval		Interpregnancy interval	
	<18 months (N=113,649)	<21 months (N=113,656)	<9 months (N=113,649)	<12 months (N=113,656)
Timing of first prenatal visit				
1–3 months (ref)	1.00	1.00	1.00	1.00
4–6 months	1.19***	1.17***	1.19***	1.17***
7–9 months	1.28***	1.21**	1.29***	1.20**
No prenatal care	1.56***	1.58***	1.48**	1.52***
Age				
≤19	1.11**	1.04	1.11**	1.04
20–34 (ref)	1.00	1.00	1.00	1.00
≥35	1.39***	1.44***	1.38***	1.42***
Race/ethnicity				
White (ref)	1.00	1.00	1.00	1.00
Black	1.25***	1.19***	1.23***	1.17***
Hispanic	1.07	1.03	1.08	1.01
Other	1.01	0.93	0.98	0.91
Nativity				
U.S.-born (ref)	1.00	1.00	1.00	1.00
Foreign-born	1.05	1.04	1.05	1.05
Yrs. of education				
<12	1.43***	1.29***	1.43***	1.29***
12–15	1.20***	1.08*	1.19***	1.07*
≥16 (ref)	1.00	1.00	1.00	1.00
Marital status				
Married/ had father information (ref)	1.00	1.00	1.00	1.00
Unmarried/ had father information	0.81***	0.73***	0.80***	0.73***
No father information	0.69***	0.64***	0.68***	0.64***
Medicaid-covered birth				
Yes	1.20***	1.17***	1.21***	1.17***
No (ref)	1.00	1.00	1.00	1.00
McFadden's pseudo-R²	.01	.01	.01	.01
df	17	18	17	18

*p<.05. **p<.01. ***p<.001. *Notes:* Models include hospital and year indicators with adjusted standard errors to account for clustering by hospital. The reference category in each model consists of all birth or interpregnancy intervals that occurred after the relevant cutoff. Interpregnancy interval is calculated as the birth interval minus the gestational age of the second child. Sample sizes are slightly smaller than the full analytic sample because observations were lost as a result of perfect collinearity.