

Table 3. Odds ratios from logistic regression analyses predicting whether women adhered to healthy behaviors during pregnancy, before and after adjustment for planning status of birth, according to women's characteristics, NMIHS and NSFG

Characteristic	Quit smoking†,‡				Had ≤1 alcoholic drinks per month§		Took vitamins††		Gained weight within 5 lbs. of advice‡‡	
	NMIHS (N=2,697)		NSFG (N=492)		NMIHS (N=3,431)		NMIHS (N=8,432)		NMIHS (N=6,135)	
	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted	Unadjusted	Adjusted
Planning status of birth										
Intended	na	1.00	na	1.00	na	1.00	na	1.00	na	1.00
Mistimed	na	0.74*	na	0.92	na	1.00	na	0.92	na	0.96
Unwanted	na	0.89	na	0.54	na	0.63	na	0.72	na	0.79
Age of mother at infant's birth										
<20	3.04**	3.42**	1.35	1.44	2.97*	2.78*	0.49*	0.48*	0.50**	0.49**
20–24	1.45	1.56	1.20	1.25	2.89**	2.71**	0.62	0.60*	0.77	0.76
25–29	1.98*	2.05*	0.90	0.90	2.23*	2.11*	0.68	0.65	0.88	0.86
30–34	1.03	1.07	‡	‡	1.54	1.47	0.97	0.94	0.90	0.88
≥35	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Mother's race/ethnicity										
Non-Hispanic black	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Hispanic	2.23**	2.25**	1.35	1.24	2.29	2.22	1.53*	1.48*	1.00	0.98
Non-Hispanic white/other	0.84	0.85	0.52	0.51	0.98	0.93	1.04	1.02	1.14	1.12
Marital status										
Never-married	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Currently married	1.00	0.93	0.97	0.97	1.30	1.30	1.06	1.04	1.07	1.06
Formerly married	0.79	0.78	‡	‡	1.73	1.72	0.84	0.83	0.90	0.90
Mother's education										
<12	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12	2.25**	2.29**	2.42	2.43	1.28	1.28	1.40*	1.40*	1.06	1.06
13–15	3.13**	3.22**	4.83**	4.96**	1.79	1.80	1.91**	1.90**	1.03	1.02
≥16	5.29**	5.46**	4.80*	4.89*	2.82*	2.76*	1.70*	1.67*	1.13	1.13
Poverty status										
<100%	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
100–199%	1.26	1.27	1.81	1.77	1.14	1.16	1.26	1.26	0.82	0.82
≥200%	1.48	1.45	1.82	1.78	1.16	1.15	1.23	1.22	0.92	0.91
Received public assistance										
Yes	0.71	0.71	na	na	0.76	0.77	0.77	0.77	0.87	0.88
No	1.00	1.00	na	na	1.00	1.00	1.00	1.00	1.00	1.00
Worked during pregnancy										
Yes	1.21	1.21	na	na	1.40	1.40	0.71**	0.72**	1.02	1.02
No	1.00	1.00	na	na	1.00	1.00	1.00	1.00	1.00	1.00
No. of previous live births										
0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1	0.72*	0.73	0.68	0.70	0.50*	0.50*	0.91	0.92	1.10	1.10
2	0.60*	0.62*	0.47	0.55	0.40**	0.42**	0.83	0.86	1.02	1.05
≥3	0.74	0.76	0.55	0.72	0.26**	0.28**	0.58**	0.61*	0.99	1.03
Had prior negative pregnancy experience										
Yes	1.03	1.03	0.61	0.59	1.14	1.10	1.17	1.16	0.87	0.86
No	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Made prenatal care visits										
Yes	1.96	1.98	na	na	1.23	1.21	na	na	na	na
No	1.00	1.00	na	na	1.00	1.00	na	na	na	na
Smoking advice										
None/not advised to stop	1.00	1.00	na	na	na	na	na	na	na	na
Advised to stop	0.52**	0.51**	na	na	na	na	na	na	na	na
Alcohol advice										
None/not advised to stop or reduce	na	na	na	na	1.00	1.00	na	na	na	na
Advised to stop	na	na	na	na	1.33	1.33	na	na	na	na
Body mass index										
Average	na	na	na	na	na	na	na	na	1.00	1.00
Underweight	na	na	na	na	na	na	na	na	1.13	1.13
Overweight	na	na	na	na	na	na	na	na	0.81	0.81
Obese	na	na	na	na	na	na	na	na	0.73*	0.73*

*Statistically significant at p<.05. **Statistically significant at p<.01. †Model includes only women who smoked prior to pregnancy. ‡Information on smoking during pregnancy was available only for the woman's last live birth in the NSFG. Because the sample size for smokers in the NSFG is small, the number of observations in the two oldest age categories—30–34 and ≥35—and in two marital status categories—currently married and formerly married—was too small to warrant separate categories and the categories were therefore combined for the analysis. Similarly, because only eight women had not received prenatal care, this variable was omitted from the NSFG models. §Alcohol measure not compatible in NSFG. Model includes only women who drank before pregnancy. ††Model includes only women who received prenatal care and advice about vitamins. ‡‡Model includes only women who received prenatal care and advice about weight gain. *Note:* na=not applicable.