

TABLE 1. Number of intervals of use of various contraceptive methods, and probability of failure within the first three, six and 12 months of use, by method, National Survey of Family Growth, United States, 2006–2010

Method	No. of intervals	Three months	Six months	12 months
All†	15,728	3.3 (0.20)	6.5 (0.32)	10.3 (0.49)
All hormonal and IUD§	4,760	2.0 (0.24)	3.9 (0.37)	6.0 (0.52)
Injectable	893	1.8 (0.53)	2.8 (0.76)	4.0 (1.06)
Pill	3,307	2.2 (0.31)	4.7 (0.49)	7.2 (0.68)
Male condom	6,819	4.0 (0.38)	7.8 (0.66)	12.6 (1.11)
Withdrawal	1,808	5.8 (0.85)	11.9 (1.39)	19.9 (2.03)
Long-acting reversible††	560	0.4 (0.31)	0.6 (0.39)	1.4 (0.68)

†Includes methods for which number of intervals was too small for separate analysis. These methods represented 13% of all intervals. §“All hormonal” consists of the injectable, the pill and the implant. ††IUD and implant; the IUD represents 3% of all intervals and 90% of all intervals of use of long-acting reversible methods. *Notes:* Number of intervals is unweighted; probabilities of failure are weighted and corrected for abortion underreporting. Numbers in parentheses are standard errors, which were calculated using the Peto method.

TABLE 2. Probability of failure within the first 12 months of contraceptive use, by survey year, and absolute difference in probability of failure between years, by method

Method	1995		2002		2006–2010		Difference in probability of failure		
	No. of intervals	12-month probability of failure	No. of intervals	12-month probability of failure	No. of intervals	12-month probability of failure	1995 vs. 2002	2002 vs. 2006–2010	1995 vs. 2006–2010
All‡	6,839	14.9 (0.71)	9,033	12.4 (0.64)	15,728	10.3 (0.49)	-2.5**	-2.1**	-4.6***
All hormonals and IUD§	2,539	8.1 (0.80)	3,393	7.9 (0.69)	4,760	6.0 (0.52)	-0.2	-1.9*	-2.1*
Injectable	209	5.4 (3.44)	715	6.7 (1.52)	893	4.0 (1.06)	1.3	-2.7	-1.4
Pill	2,127	8.8 (0.90)	2,541	8.7 (0.83)	3,307	7.2 (0.68)	-0.1	-1.5	-1.6
Male condom	2,909	17.8 (1.23)	3,845	17.4 (1.46)	6,819	12.6 (1.11)	-0.4	-4.8**	-5.2**
Withdrawal	438	28.4 (3.54)	848	18.4 (2.67)	1,808	19.9 (2.03)	-10.0*	1.5	-8.5*

* $p < .05$. ** $p < .01$. *** $p < .001$. ‡Includes methods for which number of intervals was too small for separate analysis. §“All hormonals” consists of the injectable, the pill and the implant. Notes: Data are from the 1995, 2002 and 2006–2010 cycles of the NSFG. Number of intervals is unweighted; probabilities of failure are weighted and corrected for abortion underreporting. Numbers in parentheses are standard errors, which were calculated using the Peto method.

TABLE 3. Probability of failure within the first 12 months of use among users of all nonpermanent methods combined and of selected nonpermanent methods, by women's demographic characteristics

Characteristic	All§		Pill		Male condom		Withdrawal		All hormonal and IUD††	
	No. of intervals	12-month probability of failure	No. of intervals	12-month probability of failure	No. of intervals	12-month probability of failure	No. of intervals	12-month probability of failure	No. of intervals	12-month probability of failure
Parity at conception										
0 (ref)	7,534	5.2 (0.56)	1,722	3.2 (0.64)	3,745	7.7 (1.48)	767	8.4 (2.54)	2,048	2.9 (0.56)
1	3,676	13.6 (1.14)***	717	11.5 (1.93)**	1,497	17.8 (2.57)*	444	20.5 (4.42)	1,144	9.0 (1.37)***
≥2	4,518	14.6 (0.92)***	868	11.6 (1.61)***	1,577	16.4 (1.97)*	597	27.7 (3.35)**	1,568	8.2 (1.02)***
Age at start of method use										
15–19	4,378	11.4 (1.01)	1,031	7.8 (1.22)	2,103	16.0 (2.54)	377	¶¶	1,399	6.4 (0.98)
15–17	2,419	10.8 (1.32)	552	6.6 (1.50)	1,243	16.4 (3.29)	186	¶¶	746	5.5 (1.22)
18–19	1,959	12.1 (1.55)	479	9.2 (2.02)	860	15.7 (4.01)	191	¶¶	653	7.5 (1.60)
20–24 (ref)	4,113	11.2 (1.00)	953	6.7 (1.34)	1,673	14.6 (2.34)	432	21.0 (3.94)	1,376	6.3 (1.07)
25–29	3,343	10.7 (0.99)	700	10.4 (1.73)‡	1,395	12.0 (2.10)	365	19.8 (4.03)	1,063	8.2 (1.27)‡
30–44	3,894	8.3 (0.88)	623	4.1 (1.14)	1,648	8.4 (1.86)	634	17.7 (3.41)	922	3.3 (0.83)
Race/ethnicity										
Black	3,781	15.3 (1.31)***	602	13.1 (2.50)*	1,950	20.7 (2.66)**,*‡	347	21.9 (5.69)	1,025	9.2 (1.50)
Hispanic	3,298	13.8 (1.20)**	634	9.5 (1.87)	1,324	19.3 (2.78)*,*‡	405	18.3 (3.94)	1,017	7.2 (1.31)
White (ref)	7,686	8.3 (0.61)	1,907	6.1 (0.81)	3,113	8.7 (1.42)	921	21.4 (2.91)	2,491	5.3 (0.66)
Other	963	9.8 (1.88)	164	4.0 (2.17)	432	7.1 (3.08)	135	¶¶	227	3.9 (1.79)
Union status at conception										
Married	3,522	8.5 (0.78)**	741	7.4 (1.33)	1,144	5.6 (1.38)***	522	19.3 (3.06)	1,117	5.6 (0.94)
Cohabiting (ref)	2,323	14.9 (1.34)	477	10.6 (2.04)	788	23.9 (3.36)	321	15.9 (4.47)	823	8.3 (1.45)
Never-married	8,740	9.6 (0.74)	1,892	6.2 (0.90)	4,375	12.8 (1.76)*,†	801	23.2 (4.12)	2,503	5.3 (0.73)
Formerly married	1,143	13.9 (2.35)†	197	6.2 (2.50)	512	¶¶	164	¶¶	317	8.5 (2.31)
Not currently in union	9,883	10.1 (0.71)*	2,089	6.1 (0.85)	4,887	14.3 (1.74)	965	22.5 (3.75)	2,820	5.6 (0.70)
% of federal poverty level at interview										
0–99	4,504	17.3 (1.21)‡	798	13.2 (1.85)‡	2,035	23.8 (2.89)‡	492	31.6 (5.29)‡	1,382	9.9 (1.27)‡
100–199 (ref)	3,805	13.4 (1.12)	759	8.6 (1.61)	1,620	15.2 (2.42)	443	26.3 (4.25)	1,158	6.9 (1.17)
≥200	7,419	6.3 (0.55)***	1,750	4.7 (0.75)	3,164	6.9 (1.21)*	873	12.1 (2.36)*	2,220	4.1 (0.62)

*p<.05. **p<.01. ***p<.001. †Significantly different from rate in first row at p<.05. ‡Significantly different from rate in last row at p<.05. §Includes methods for which number of intervals was too small for separate analysis. ††“All hormonal” consists of the injectable, the pill and the implant. ¶¶Did not meet the minimum of 50 intervals at every duration required to ensure estimate stability. Notes: Data are from the 2006–2010 cycle of the NSFG. Number of intervals is unweighted; probabilities of failure are weighted and corrected for abortion underreporting. Numbers in parentheses are standard errors, which were calculated using the Peto method. ref=reference group.

TABLE 4. Probability of failure within the first 12 months of use of all reversible methods combined, and absolute difference in probability of failure, by survey year, according to women's demographic characteristics

Characteristic	Probability of failure			Difference in probability of failure		
	1995	2002	2006–2010	1995 vs. 2002	2002 vs. 2006–2010	1995 vs. 2006–2010
Age at start of method use						
<20	15.6 (1.47)	13.1 (1.37)	11.4 (1.01)	-2.5	-1.7	-4.2*
20–24	17.1 (1.44)	14.3 (1.29)	11.2 (1.00)	-2.8	-3.1	-5.9***
25–29	14.6 (1.46)	14.9 (1.50)	10.7 (0.99)	0.3	-4.2*	-3.9*
≥30	11.9 (1.25)	8.2 (1.01)	8.3 (0.88)	-3.7*	0.1	-3.6*
Race/ethnicity						
Black	23.9 (1.73)	21.3 (1.88)	15.3 (1.31)	-2.6	-6.0**	-8.6***
Hispanic	18.4 (2.02)	15.0 (1.52)	13.8 (1.20)	-3.4	-1.2	-4.6
White/other‡	12.6 (0.83)	10.1 (0.76)	8.4 (0.58)	-2.5*	-1.7	-4.2***
Parity at conception						
0	14.3 (1.08)	6.2 (0.76)	5.2 (0.56)	-8.1***	-1.0	-9.1***
1	15.9 (1.38)	18.0 (1.49)	13.6 (1.14)	2.1	-4.4*	-2.3
≥2	14.8 (1.24)	16.3 (1.17)	14.6 (0.92)	1.5	-1.7	-0.2
% of federal poverty level at interview						
<100	25.5 (2.05)	19.8 (1.75)	17.3 (1.21)	-5.7*	-2.5	-8.2***
100–199	17.3 (1.62)	17.7 (1.60)	13.4 (1.12)	0.4	-4.3*	-3.9*
≥200	11.6 (0.81)	8.4 (0.71)	6.3 (0.55)	-3.2**	-2.1*	-5.3***
Union status at conception						
Married	10.4 (0.91)	9.5 (0.94)	8.5 (0.78)	-0.9	-1.0	-1.9
Cohabiting	28.7 (2.98)	21.7 (1.86)	14.9 (1.34)	-7.0*	-6.8**	-13.8***
Formerly married	23.1 (3.16)	12.2 (2.43)	13.9 (2.35)	-10.9**	1.7	-9.2*
Never-married	15.4 (1.13)	11.5 (1.04)	9.6 (0.74)	-3.9*	-1.9	-5.8***

*p<.05. **p<.01. ***p<.001. ‡The white and other race categories were combined in this analysis to match the categories across waves. Notes: Data are from the 1995, 2002 and 2006–2010 cycles of the NSFG. Probabilities of failure are weighted and corrected for abortion underreporting. Numbers in parentheses are standard errors, which were calculated using the Peto method.