

APPENDIX TABLE 1. Percentage of people aged 18–24 at risk of pregnancy§ by contraceptive method or methods used at last sex, 2022

Jurisdiction	Tubal ligation or Essure	Vasectomy	Contra-ceptive implant	IUD	Short-acting hormonal†	Condom	Natural family planning	With-drawal	Other**	No method	Total
	%	%	%	%	%	%	%	%	%	%	N
Arkansas	††	††	††	†12.5	27.6	41.2	††	19.6	†17.2	††	53
California	††	††	†4.6	†10.1	27.7	40.0	††	†8.9	21.0	†7.5	128
Connecticut	††	††	††	†9.9	55.6	54.7	††	†17.7	††	††	52
Indiana	††	††	††	14.2	41.3	31.9	††	24.7	†6.8	14.7	103
Iowa	††	††	†8.6	†8.8	44.4	41.7	†6.1	12.6	†4.3	14.5	158
Kansas	††	††	†10.7	†11.6	38.6	26.9	††	†19.7	††	†8.6	62
Michigan	††	††	†5.4	14.0	38.1	48.6	††	15.3	12.0	†5.9	107
Minnesota	††	††	†9.4	27.1	39.1	29.4	††	13.4	8.2	9.0	177
New Jersey	††	††	††	†4.6	45.7	45.6	††	16.7	††	†4.4	94
Ohio	††	††	†5.2	13.0	34.4	37.3	††	†17.1	††	16.0	115
Oklahoma	††	††	††	†14.3	47.5	28.7	††	†15.2	†10.6	†9.9	52
Oregon	††	††	†8.5	13.9	37.4	34.1	††	††	†5.2	†12.1	70
Puerto Rico	††	††	††	†5.5	19.4	48.1	††	††	††	28.5	111
South Carolina	††	††	††	†17.0	37.3	36.4	††	26.3	†7.9	†7.8	82
Vermont	††	††	††	29.9	33.1	40.1	††	†10.1	†12.4	††	59
Virginia	††	††	†4.6	16.6	31.3	43.8	††	9.2	†10.2	†8.1	96
West Virginia	††	††	††	††	42.9	26.6	††	27.5	††	†19.6	53
Wisconsin	††	††	††	25.1	28.5	42.0	††	12.2	††	†11.4	90

§People at risk of pregnancy are those aged 18–49 who were assigned female at birth, were not currently pregnant, had not had a hysterectomy, and had engaged in penile-vaginal sex in the last 12 months. †Injectables, pills, vaginal rings and patches. ††Methods not specified by the respondent and methods for which there were too few observations to display separately (diaphragms and cervical caps, sponges, spermicide and emergency contraception). †††Estimate suppressed (has a denominator less than 50 or a relative standard error greater than 50%). †Estimate has a relative standard error of 30–50% and should be interpreted with caution. Notes: Only jurisdictions with at least 50 respondents aged 18–24 are reported. All percentages represent the weighted percentage of eligible respondents using the method. Respondents could report up to two methods; thus, the rows may total more than 100%. All sample sizes are unweighted. Source: 2022 Behavioral Risk Factor Surveillance System.

APPENDIX TABLE 2. Percentage distribution of people at risk of pregnancy§ by contraceptive strategy (nonuse, single method use or dual method use) at last sex, according to age, 2022

Jurisdiction	% aged 18–24					% aged 25–49					% point difference (18–24 vs. 25–49)			% aged 18–49				
	None	Single	Dual	Dual	Total	None	Single	Dual	Dual	Total	Single	Dual	Dual	None	Single	Dual	Dual	Total
			w/con-	w/				w/con-	w/			w/con-	w/			w/con-	w/	
Alabama	††	††	††	††	††	17.8	70.4	6.8	†5.0	100.0				20.3	68.4	6.6	4.8	100.0
Arizona	††	††	††	††	††	17.6	70.4	7.2	†4.8	100.0				20.3	65.9	7.7	†6.1	100.0
Arkansas	†8.7	60.1	19.8	†11.3	100.0	22.4	64.4	6.3	7.0	100.0	–4.2	13.6 **	4.4	19.1	63.3	9.5	8.0	100.0
California	†7.5	70.9	12.3	†9.3	100.0	21.3	69.0	5.7	4.0	100.0	1.8	6.6 *	5.3	19.0	69.3	6.8	4.9	100.0
Connecticut	††	53.5	36.1	†9.1	††	16.6	67.3	8.7	7.4	100.0	–13.8	27.3 ***	1.7	13.2	64.3	14.7	7.8	100.0
Delaware	††	††	††	††	††	20.9	71.5	†3.8	†3.9	100.0				18.0	71.9	6.9	†3.1	100.0
Guam	††	††	††	††	††	32.5	59.1	††	††	††				29.0	59.7	††	†5.6	††
Indiana	14.7	48.3	21.5	15.5	100.0	22.2	66.7	4.6	6.5	100.0	–18.4 **	16.9 ***	9.0 **	20.7	63.2	7.8	8.3	100.0
Iowa	14.5	43.6	30.1	11.7	100.0	14.2	73.5	4.4	8.0	100.0	–29.8 ***	25.8 ***	3.8	14.2	67.3	9.7	8.7	100.0
Kansas	†8.6	70.2	†10.4	†10.8	100.0	16.2	72.9	†4.9	6.0	100.0	–2.7	5.5	4.8	14.5	72.3	6.1	7.0	100.0
Michigan	†5.9	53.5	26.4	14.2	100.0	17.1	70.0	6.2	6.7	100.0	–16.5 **	20.2 ***	7.5 *	15.0	66.8	10.1	8.2	100.0
Minnesota	9.0	53.9	22.9	14.1	100.0	17.0	71.8	4.7	6.5	100.0	–17.9 ***	18.2 ***	7.7 **	15.6	68.7	7.9	7.8	100.0
Nebraska	††	††	††	††	††	23.4	64.7	4.5	7.4	100.0				21.1	60.0	8.9	9.9	100.0
Nevada	††	††	††	††	††	24.3	61.8	†5.4	8.5	100.0				22.1	58.3	8.8	†10.8	100.0
New Jersey	†4.4	64.9	18.4	†12.4	100.0	18.8	69.8	7.2	4.2	100.0	–4.9	11.2 **	8.2 **	16.0	68.8	9.4	5.8	100.0
New Mexico	††	††	††	††	††	19.7	74.2	†3.6	†2.4	100.0				18.4	70.6	7.5	†3.5	100.0
North Carolina	††	††	††	††	††	18.5	73.6	4.6	3.3	100.0				17.3	72.4	6.5	3.8	100.0
Ohio	16.0	52.0	23.2	†8.8	100.0	20.6	66.1	7.8	5.5	100.0	–14.1 *	15.3 ***	3.4	19.6	62.9	11.3	6.2	100.0
Oklahoma	†9.9	55.7	†16.6	†17.8	100.0	16.6	72.4	†3.2	7.9	100.0	–16.7 *	13.4 ***	10.0 *	15.0	68.6	6.2	10.1	100.0
Oregon	†12.1	60.9	18.6	†8.4	100.0	16.0	69.9	7.2	6.8	100.0	–9.1	11.4 **	1.6	15.4	68.5	9.1	7.1	100.0
Puerto Rico	28.5	61.3	†10.2	††	††	24.0	71.2	2.8	†1.9	100.0	–9.9	7.4 ***		25.5	68.1	5.1	†1.3	100.0
Rhode Island	††	††	††	††	††	17.6	69.9	5.9	6.6	100.0				15.2	69.5	8.7	6.6	100.0
South Carolina	†7.8	52.3	20.8	†19.2	100.0	19.4	69.7	6.3	4.7	100.0	–17.4 **	14.5 ***	14.5 ***	17.1	66.3	9.1	7.5	100.0
Vermont	††	54.0	27.0	†11.8	††	13.2	76.5	5.5	4.8	100.0	–22.5 ***	21.5 ***	7.0 *	11.8	71.3	10.5	6.4	100.0
Virginia	†8.1	66.1	19.3	†6.5	100.0	19.0	70.2	5.7	5.1	100.0	–4.1	13.5 ***	1.4	16.8	69.4	8.4	5.4	100.0
West Virginia	†19.6	42.3	†17.6	20.6	100.0	15.6	72.5	5.2	6.7	100.0	–30.2 ***	12.3 **	13.9 ***	16.4	66.2	7.8	9.6	100.0
Wisconsin	†11.4	60.5	25.9	††	††	17.5	71.1	4.4	7.0	100.0	–10.6	21.5 ***		16.4	69.2	8.3	6.1	100.0
Wyoming	††	††	††	††	††	13.4	74.9	†4.9	6.7	100.0				12.9	72.3	8.9	5.9	100.0

*p<0.05. **p<0.01. ***p<0.001. §People at risk of pregnancy are those aged 18–49 who were assigned female at birth, were not currently pregnant, had not had a hysterectomy, and had engaged in penile-vaginal sex in the last 12 months. ††Estimate suppressed (has an unweighted denominator less than 50 or a relative standard error greater than 50%). †Estimate has a relative standard error of 30–50% and should be interpreted with caution. Notes: Percentage distributions may not add to 100.0 because of rounding. Unweighted sample sizes for each jurisdiction and age group are provided in Table 1. Source: 2022 Behavioral Risk Factor Surveillance System.

APPENDIX TABLE 3. Percentage distribution of people at risk of undesired pregnancy§ by fulfillment of contraceptive preferences,† according to age, 2022

Jurisdiction	Aged 18–24				Aged 25–49				All			
	% un-fulfilled	% fulfilled	Total	N	% un-fulfilled	% fulfilled	Total	N	% un-fulfilled	% fulfilled	Total	N
Alabama	††	††	††	35	42.6	57.4	100.0	289	47.8	52.2	100.0	324
Arizona	††	††	††	30	50.4	49.6	100.0	253	52.6	47.4	100.0	283
Arkansas	††	††	††	49	50.7	49.3	100.0	282	52.8	47.2	100.0	331
California	51.6	48.4	100.0	116	52.8	47.2	100.0	642	52.5	47.5	100.0	758
Connecticut	††	††	††	48	46.8	53.2	100.0	322	45.6	54.4	100.0	370
Delaware	††	††	††	37	53.5	46.5	100.0	250	53.5	46.5	100.0	287
Guam	††	††	††	24	46.4	53.6	100.0	158	50.9	49.1	100.0	182
Indiana	51.2	48.8	100.0	92	46.4	53.6	100.0	719	47.3	52.7	100.0	811
Iowa	35.0	65.0	100.0	140	36.6	63.4	100.0	695	36.3	63.7	100.0	835
Kansas	40.2	59.8	100.0	54	43.7	56.3	100.0	388	43.0	57.0	100.0	442
Michigan	46.9	53.1	100.0	94	44.8	55.2	100.0	609	45.2	54.8	100.0	703
Minnesota	34.0	66.0	100.0	153	44.0	56.0	100.0	1,149	42.3	57.7	100.0	1,302
Nebraska	††	††	††	39	47.4	52.6	100.0	253	46.6	53.4	100.0	292
Nevada	††	††	††	32	54.1	45.9	100.0	211	57.2	42.8	100.0	243
New Jersey	49.5	50.5	100.0	87	40.6	59.4	100.0	554	42.5	57.5	100.0	641
New Mexico	††	††	††	44	49.1	50.9	100.0	301	48.8	51.2	100.0	345
North Carolina	††	††	††	44	48.2	51.8	100.0	382	47.3	52.7	100.0	426
Ohio	48.7	51.3	100.0	107	43.9	56.1	100.0	638	45.1	54.9	100.0	745
Oklahoma	††	††	††	45	41.3	58.7	100.0	237	43.6	56.4	100.0	282
Oregon	39.1	60.9	100.0	65	38.7	61.3	100.0	453	38.7	61.3	100.0	518
Puerto Rico	70.3	29.7	100.0	100	71.8	28.2	100.0	686	71.3	28.7	100.0	786
Rhode Island	††	††	††	33	39.0	61.0	100.0	362	45.0	55.0	100.0	395
South Carolina	47.9	52.1	100.0	73	40.8	59.2	100.0	549	42.2	57.8	100.0	622
Vermont	30.8	69.2	100.0	54	38.9	61.1	100.0	647	37.0	63.0	100.0	701
Virginia	42.8	57.2	100.0	89	42.2	57.8	100.0	654	42.3	57.7	100.0	743
West Virginia	††	††	††	48	47.8	52.2	100.0	444	48.5	51.5	100.0	492
Wisconsin	40.4	59.6	100.0	80	43.3	56.7	100.0	652	42.8	57.2	100.0	732
Wyoming	††	††	††	23	47.8	52.2	100.0	222	50.0	50.0	100.0	245

§People at risk of undesired pregnancy are those at risk of pregnancy (see definition on previous tables) who did not report wanting to get pregnant. †Respondents are defined as having unfulfilled preferences if they reported that the last time they had sex they 1) used a method other than their preferred method, 2) used contraception but reported that they would prefer not to be using a method or 3) did not report using contraception but cited a preferred method when asked. Conversely, we considered respondents to have fulfilled their contraceptive preferences if they had either used their preferred method or had not used any method and reported not wanting to be using a method. ††Estimate suppressed (has a denominator less than 50). *Notes:* We excluded individuals who reported using a contraceptive method but did not report which method they used or preferred to use. We performed Pearson’s chi-square tests on these data and found no significant differences between the contraceptive preference fulfillment of 18–24-year-olds and 25–49-year-olds at risk of undesired pregnancy in jurisdictions where the estimates for both groups meet our reliability standards. *Source:* 2022 Behavioral Risk Factor Surveillance System.

APPENDIX TABLE 4. Percentage distribution of contraceptive users by fulfillment of contraceptive preferences,[§] according to whether a provider is required to obtain the type of method used at last sex, 2022

Jurisdiction	Used a provider-independent method [‡] (non-Rx)				Used a provider-dependent method ^{‡‡} (Rx)				% point difference (non-Rx vs. Rx users)	Used any method			
	% un-fulfilled	% fulfilled	Total	N	% un-fulfilled	% fulfilled	Total	N		% un-fulfilled	% fulfilled	Total	N
	Alabama	57.0	43.0	100.0	70	37.0	63.0	100.0		211	20.0 *	43.1	56.9
Arizona	††	††	††	49	39.6	60.4	100.0	198		45.7	54.3	100.0	247
Arkansas	76.9	23.1	100.0	79	35.6	64.4	100.0	202	41.2 ***	49.3	50.7	100.0	281
California	63.5	36.5	100.0	230	38.7	61.3	100.0	429	24.8 ***	48.0	52.0	100.0	659
Connecticut	69.9	30.1	100.0	99	31.2	68.8	100.0	239	38.8 ***	41.6	58.4	100.0	338
Delaware	82.5	17.5	100.0	51	37.4	62.6	100.0	195	45.1 ***	49.6	50.4	100.0	246
Guam	61.4	38.6	100.0	50	31.6	68.4	100.0	88	29.8 *	42.8	57.2	100.0	138
Indiana	72.6	27.4	100.0	178	31.3	68.7	100.0	507	41.3 ***	43.0	57.0	100.0	685
Iowa	66.4	33.6	100.0	141	25.7	74.3	100.0	612	40.7 ***	33.5	66.5	100.0	753
Kansas	72.0	28.0	100.0	86	29.3	70.7	100.0	317	42.7 ***	39.2	60.8	100.0	403
Michigan	70.3	29.7	100.0	167	30.1	69.9	100.0	459	40.2 ***	42.1	57.9	100.0	626
Minnesota	67.9	32.1	100.0	248	30.2	69.8	100.0	921	37.8 ***	38.3	61.7	100.0	1,169
Nebraska	63.0	37.0	100.0	50	38.5	61.5	100.0	203	24.5 *	43.4	56.6	100.0	253
Nevada	63.7	36.3	100.0	64	47.7	52.3	100.0	145	16.0	53.0	47.0	100.0	209
New Jersey	59.7	40.3	100.0	189	27.6	72.4	100.0	383	32.1 ***	38.3	61.7	100.0	572
New Mexico	67.6	32.4	100.0	58	38.7	61.3	100.0	250	28.9 **	43.9	56.1	100.0	308
North Carolina	61.3	38.7	100.0	75	39.7	60.3	100.0	308	21.6 **	44.5	55.5	100.0	383
Ohio	55.1	44.9	100.0	160	32.5	67.5	100.0	492	22.6 ***	39.2	60.8	100.0	652
Oklahoma	††	††	††	49	35.4	64.6	100.0	206		40.4	59.6	100.0	255
Oregon	57.4	42.6	100.0	102	24.2	75.8	100.0	347	33.2 ***	31.8	68.2	100.0	449
Puerto Rico	63.2	36.8	100.0	169	70.9	29.1	100.0	460	-7.6	68.5	31.5	100.0	629
Rhode Island	56.2	43.8	100.0	91	37.0	63.0	100.0	259	19.3 *	42.1	57.9	100.0	350
South Carolina	67.9	32.1	100.0	121	28.9	71.1	100.0	424	39.0 ***	38.2	61.8	100.0	545
Vermont	58.4	41.6	100.0	161	26.2	73.8	100.0	492	32.2 ***	34.4	65.6	100.0	653
Virginia	62.1	37.9	100.0	159	29.2	70.8	100.0	498	32.9 ***	38.3	61.7	100.0	657
West Virginia	78.2	21.8	100.0	84	35.1	64.9	100.0	352	43.0 ***	44.5	55.5	100.0	436
Wisconsin	66.4	33.6	100.0	136	32.4	67.6	100.0	525	33.9 ***	40.3	59.7	100.0	661
Wyoming	73.4	26.6	100.0	51	41.0	59.0	100.0	169	32.5 ***	48.5	51.5	100.0	220

*p<0.05. **p<0.01. ***p<0.001. §Contraceptive users are defined as having unfulfilled preferences if they reported that at last sex they used a method other than their preferred method or used contraception but reported that they would prefer not to be using a method. Conversely, we considered users to have fulfilled their contraceptive preferences if they had used their preferred method at last sex. ‡Methods that can typically be obtained without an interaction with a provider (condoms, emergency contraception, natural family planning methods, withdrawal or other). As the methods classified as 'other' are unknown, we may capture some provider-dependent methods in this group. ‡‡Methods that typically require a prescription or procedure from a provider to obtain (tubal ligation/Essure, vasectomy, contraceptive implants, IUDs, injectables, pills, vaginal rings or contraceptive patches). ††Estimate suppressed (has a denominator less than 50 or a relative standard error greater than 30%). Source: 2022 Behavioral Risk Factor Surveillance System.

APPENDIX TABLE 5. Percentage of people at risk of pregnancy§ who were using a permanent method at last sex, by method type, 2022

Jurisdiction	% using tubal ligation	% using vasectomy	% using any permanent method	N
Alabama	20.1	7.8	27.9	381
Arizona	12.1	13.3	24.1	324
Arkansas	14.7	7.4	22.1	375
California	9.4	6.5	15.8	887
Connecticut	6.6	10.1	16.0	431
Delaware	12.6	10.2	22.8	340
Guam	†	†	†	215
Indiana	12.5	9.4	21.3	921
Iowa	15.1	12.8	27.1	945
Kansas	12.7	11.6	24.1	498
Michigan	12.4	11.3	22.8	800
Minnesota	9.2	13.1	21.5	1,506
Nebraska	11.4	14.8	26.1	347
Nevada	10.9	9.3	18.2	271
New Jersey	7.0	5.8	12.6	751
New Mexico	19.1	7.3	26.3	403
North Carolina	16.1	7.1	23.2	496
Ohio	11.8	8.9	20.6	866
Oklahoma	14.8	9.9	24.0	326
Oregon	10.8	13.9	24.4	655
Puerto Rico	30.5	5.7	36.2	862
Rhode Island	7.0	8.2	15.0	474
South Carolina	13.2	8.7	21.6	711
Vermont	6.8	13.0	19.8	811
Virginia	10.2	10.2	20.1	852
West Virginia	19.4	10.9	29.5	543
Wisconsin	9.7	15.2	24.6	850
Wyoming	16.0	14.3	30.1	283

§People at risk of pregnancy are those aged 18–49 who were assigned female at birth, were not currently pregnant, had not had a hysterectomy, and had engaged in penile-vaginal sex in the last 12 months. †Estimate suppressed (has a denominator less than 50 or a relative standard error greater than 30%). *Notes:* All percentages are weighted, and all sample sizes are unweighted. *Source:* 2022 Behavioral Risk Factor Surveillance System.