

TABLE 1. Results of univariate linear regression analysis assessing proportion of variation in state unintended pregnancy rates explained by selected state-level characteristics (R^2 statistics) and change in state rates associated with a one-point increase in each characteristic (coefficients), United States, 2006

Characteristic	R^2	Coefficient
Demographic		
% aged 18–24	0.11	-1.65*
% aged 25–34	0.06	1.30
% aged 30–44	0.06	0.95
% married	0.29	-1.58***
% unmarried and sexually active	0.13	0.67*
% white	0.75	-0.48***
% black	0.35	0.48***
% Hispanic	0.18	0.37***
% other race/ethnicity	0.10	0.31*
Socioeconomic		
% with <high school education†	0.21	1.11**
% below federal poverty line	0.00	0.06
%-point difference in income inequality‡	0.27	2.26***
% without insurance	0.18	0.69**
% urban§	0.18	0.25**
Contraceptive use		
% at risk using any method††	0.29	-1.90***
% at risk using effective method††,‡‡	0.10	-0.49*
Funding and availability of services		
% served by public clinic§§	0.04	-0.11
% of counties with a public clinic	0.14	0.19*
State/federal expenditure per woman§§	0.00	0.00
% on Medicaid	0.07	-0.64
Expanded Medicaid family planning eligibility	0.07	4.80

* $p < .05$. ** $p < .01$. *** $p < .001$. †Among women 25 or older. ‡The difference between proportions of aggregate income earned by the bottom 20% and the top 20% of households in the state. §Among the total population. ††Among women aged 18–44 and at risk of unintended pregnancy. ‡‡Sterilization, IUD, pill, patch, implant and injectable. §§Among women aged 13–44, at risk of unintended pregnancy and in need of publicly funded family planning services. Notes: The coefficient for state/federal expenditure represents the rate change per dollar spent, and that for expanded Medicaid represents the average rate difference between states with and without eligibility expansion. Unless noted otherwise, measures are based on resident women aged 15–44.

TABLE 2. Estimated coefficients from multivariate regression analysis assessing associations between selected state-level characteristics, excluding racial and ethnic composition, and state unintended pregnancy rates

Characteristic	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
Demographic							
% aged 18–24	–2.03**				–1.63*	–1.02	–1.37*
% married	–2.95***				–2.49**	–2.35**	–2.57***
% unmarried and sexually active	–1.07*				–0.97*	–0.71	–0.55
Socioeconomic							
% with <high school education†		1.29**		1.02*		0.68	
% below federal poverty line		–0.96		–0.74		–1.07	
% without insurance		0.62*		0.59*		0.81**	0.52**
% urban‡		0.14		0.08		–0.07	
Contraceptive use							
% at risk using any method§				–0.85	–0.83	–0.28	
Funding and availability of services							
% served by public clinic††			–0.09				
% of counties with a public clinic			0.22**				0.03
% on Medicaid			–0.82*				–0.80**
Expanded Medicaid family planning eligibility			3.11				
<i>R</i> ²	0.47	0.49	0.32	0.52	0.50	0.68	0.70

p*<.05. *p*<.01. ****p*<.001. †Among women 25 or older. ‡Among the total population. §Among women aged 18–44 and at risk of unintended pregnancy. ††Among women aged 13–44, at risk of unintended pregnancy and in need of publicly funded family planning services. *Note:* Unless noted otherwise, measures are based on resident women aged 15–44.

TABLE 3. Estimated coefficients from multivariate regression analysis assessing associations between selected state-level characteristics, including racial and ethnic composition, and state unintended pregnancy rates

Characteristic	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7	Model 8
% aged 18–24	–0.64	–0.74	–1.08	–1.06*	–1.43*	–1.24*	–1.46*	–1.18**
% married	–0.24	–0.72*	–1.03*	–1.63***	–1.32**	–1.86***	–1.42***	–1.76***
% white	–0.43***	–0.32***						
% black			0.30**	0.14				
% Hispanic					0.26*	0.04		
% other race/ethnicity							0.21	0.20*
% without insurance		0.26		0.55**		0.58**		0.66***
% on Medicaid		–0.35		–0.73**		–0.78**		–0.67**
<i>R</i> ²	0.76	0.80	0.48	0.69	0.46	0.67	0.43	0.72

p*<.05. *p*<.01. ****p*<.001. Note: Measures are based on resident women aged 15–44.