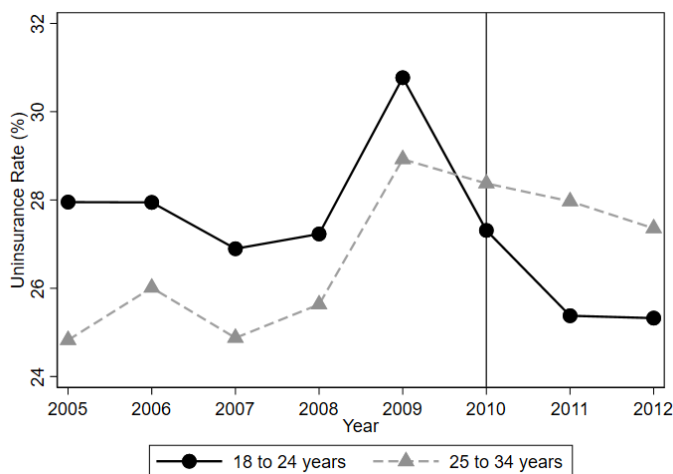


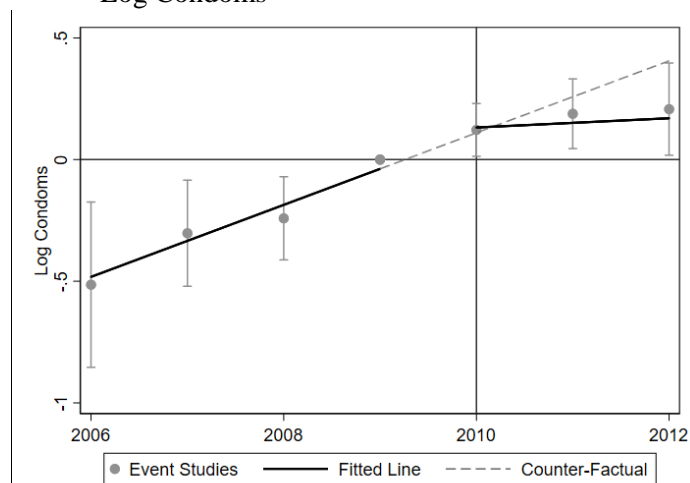
Appendix Figures

Figure A1: Trends in Uninsured Rate by Age Group



Data Source: Current Population Survey, Table HI01. Health Insurance Coverage Status and Type of Coverage by Selected Characteristics, various years

Figure A2: Dependent Coverage Mandate – Log Condoms

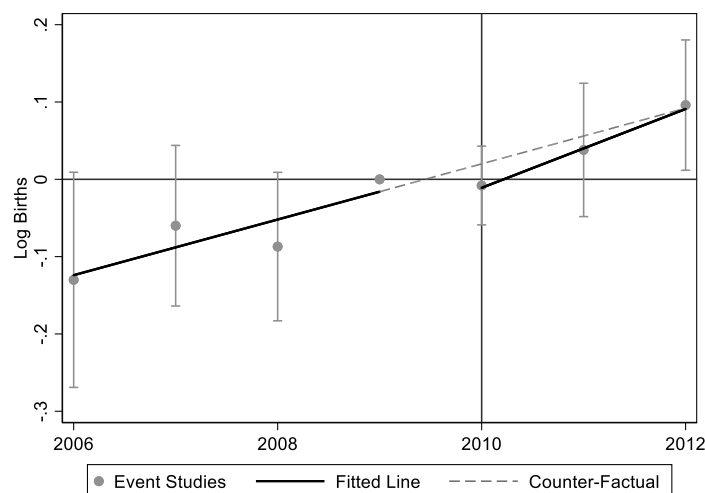


Note: Whiskers 95% confidence intervals

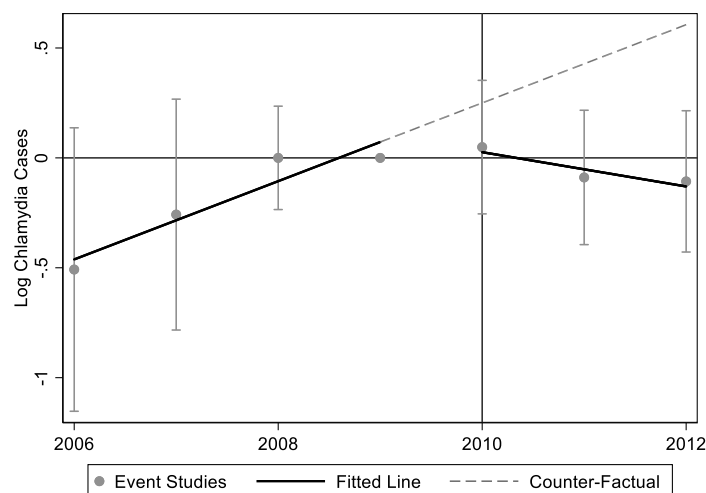
Treatment intensity: 2008-09 uninsured rate, 20-24 year olds

Cluster at state-level, weighted by 2011 state-age population

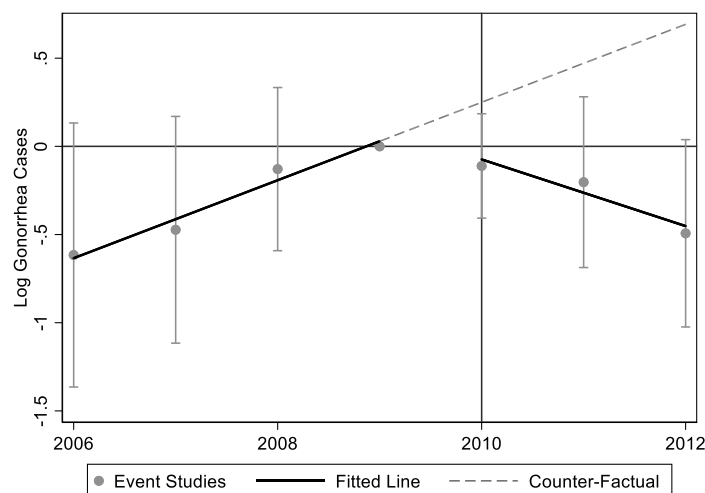
Controls: unemployment rate (total), population (total), income per capita, strict state regulation of abortion, and state mandates

Figure A3: Dependent Coverage Mandate –
Log Births

Note: Whiskers 95% confidence intervals
 Treatment intensity: 2008-09 uninsured rate, 20-24 year olds
 Cluster at state-level, weighted by 2011 state-age population
 Controls: unemployment rate (total and age-specific),
 population (total and age-specific), income per capita,
 strict state regulation of abortion, and state mandates

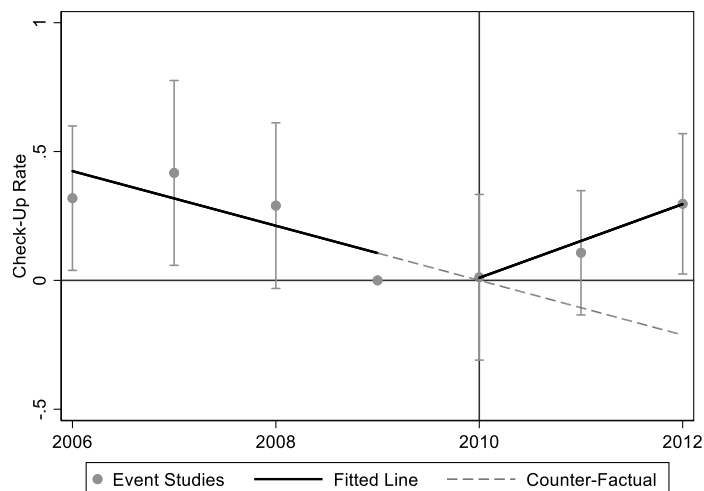
Figure A4: Dependent Coverage Mandate –
Log Chlamydia Cases

Note: Whiskers 95% confidence intervals
 Treatment intensity: 2008-09 uninsured rate, 20-24 year olds
 Cluster at state-level, weighted by 2011 state-age population
 Controls: unemployment rate (total and age-specific),
 population (total and age-specific), income per capita,
 strict state regulation of abortion, and state mandates

Figure A5: Dependent Coverage Mandate –
Log Gonorrhea Cases

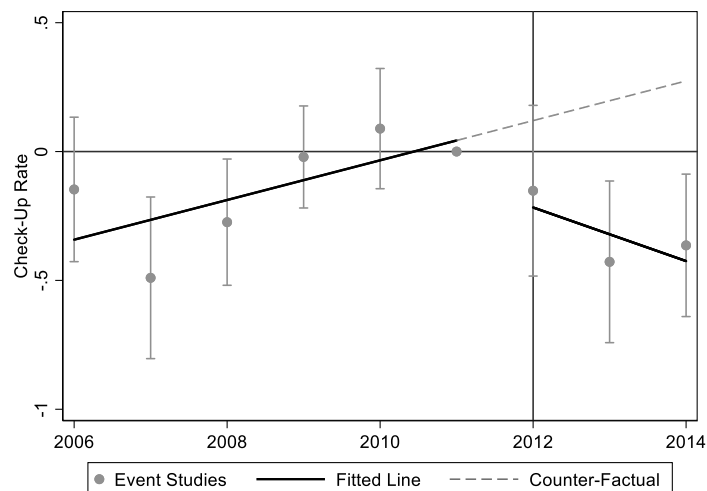
Note: Whiskers 95% confidence intervals
 Treatment intensity: 2008-09 uninsured rate, 20-24 year olds
 Cluster at state-level, weighted by 2011 state-age population
 Controls: unemployment rate (total and age-specific),
 population (total and age-specific), income per capita,
 strict state regulation of abortion, and state mandates

Figure A6: Dependent Coverage Mandate – Check-Up Rate



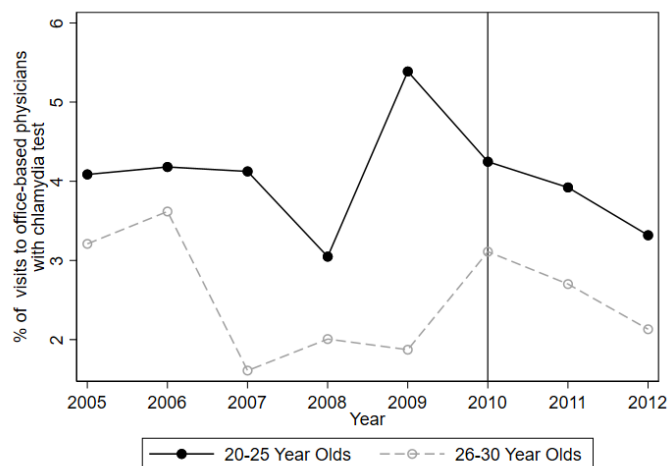
Note: Whiskers 95% confidence intervals
 Treatment intensity: 2008-09 uninsured rate, 20-24 year olds
 Cluster at state-level, weighted by 2011 state-age population
 Controls: unemployment rate (total and age-specific),
 population (total and age-specific), income per capita,
 strict state regulation of abortion, and state mandates

Figure A7: Zero Cost-Sharing Mandate – Check-Up Rate



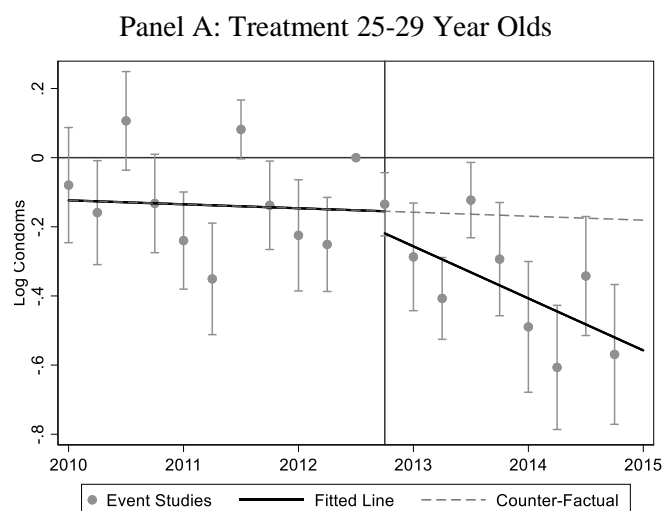
Note: Whiskers 95% confidence intervals
 Treatment intensity: 2011-12 insured rate, 25-29 year olds
 Cluster at state-level, weighted by 2011 state-age population
 Controls: unemployment rate (total and age-specific),
 population (total and age-specific), income per capita,
 strict state regulation of abortion, and state mandates

Figure A8: Chlamydia Testing by Year



Data source: National Ambulatory Medical Care Survey

Figure A9: Zero Cost-Sharing Mandate – Log Condoms, Robustness Checks

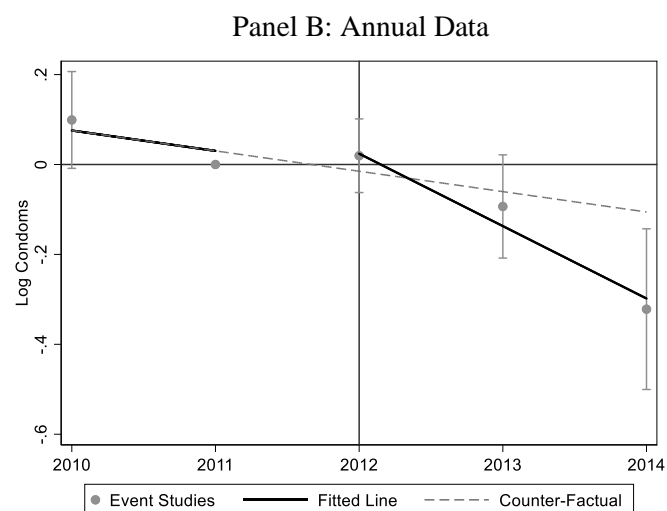


Note: Whiskers 95% confidence intervals

Treatment intensity: 2011-12 insured rate, 25-29 year olds

Cluster at state-level, weighted by 2011 state-age population

Controls: unemployment rate (total and age-specific),
population (total and age-specific), income per capita,
strict state regulation of abortion, and state mandates



Note: Whiskers 95% confidence intervals

Treatment intensity: 2011-12 insured rate, 20-29 year olds

Cluster at state-level, weighted by 2011 state-age population

Controls: unemployment rate (total and age-specific),
population (total and age-specific), income per capita,
strict state regulation of abortion, and state mandates

Appendix Tables

Table A1: Effect of Dependent Coverage Mandate on Insurance Rate

<u>Age Groups (Year Olds)</u>			
20-25	26-30	31-35	41-45
0.139	0.087	-0.084	-0.057
(0.057)	(0.073)	(0.082)	(0.064)
<u>2008-09 Insurance Rate</u>			
0.688	0.769	0.829	0.851
<u>Percent Change</u>			
6.3%	2.6%	-1.7%	-1.0%

Standard errors in parentheses (SE)

Percent change = (estimated effect * (1 - baseline)) / baseline. For 20-25 year olds, (0.139 * (1-0.688)) / 0.688

Table A2: Unweighted Effect of Dependent Coverage Mandate (20-24 Year Olds)

	<u>Log Birth</u>	<u>Log Chlamydia</u>	<u>Log Gonorrhea</u>
	<u>Cases</u>	<u>Cases</u>	<u>Cases</u>
Change in Intercept	-0.057	-0.224	-0.486
	(0.050)	(0.147)	(0.385)
Change in Slope	0.033	-0.211	-0.172
	(0.029)	(0.133)	(0.283)

Standard errors in parentheses (SE), cluster at state-level

Controls: unemployment rate (total and age-specific), population (total and age-specific), income per capita, strict state regulation of abortion, and state mandates

Years: 2006-2012

Table A3: Unweighted Effect of Zero Cost-Sharing Mandate (25-29 Year Olds)

	<u>Log Birth</u>	<u>Log Chlamydia</u>	<u>Log Gonorrhea</u>
	<u>Cases</u>	<u>Cases</u>	<u>Cases</u>
Change in Intercept	-0.012	0.501	0.394
	(0.043)	(0.223)	(0.583)
Change in Slope	-0.053	0.125	-0.044
	(0.043)	(0.132)	(0.367)

Standard errors in parentheses (SE), cluster at state-level

Controls: unemployment rate (total and age-specific), population (total and age-specific), income per capita, strict state regulation of abortion, and state mandates

Years: 2006-2014

Table A4: Effect of Dependent Coverage Mandate (20-24 Year Olds),
Excluding Earlier Medicaid Expansion States

	Log Birth Cases	Log Chlamydia Cases	Log Gonorrhea Cases
Change in Intercept	-0.058 (0.053)	-0.432 (0.181)	-0.289 (0.327)
Change in Slope	-0.017 (0.029)	-0.403 (0.155)	-0.366 (0.236)

Standard errors in parentheses (SE), cluster at state-level, weighted by 2011 state age-specific population
Controls: unemployment rate (total and age-specific), population (total and age-specific),
income per capita, strict state regulation of abortion, and state mandates
Years: 2006-2012

Table A5: Effect of Zero Cost-Sharing Mandate (25-29 Year Olds),
Excluding Earlier Medicaid Expansion States

	Log Birth Cases	Log Chlamydia Cases	Log Gonorrhea Cases
Change in Intercept	-0.007 (0.034)	0.534 (0.206)	0.231 (0.313)
Change in Slope	-0.082 (0.033)	0.199 (0.156)	-0.243 (0.225)

Standard errors in parentheses (SE), cluster at state-level, weighted by 2011 state age-specific population
Controls: unemployment rate (total and age-specific), population (total and age-specific),
income per capita, strict state regulation of abortion, and state mandates
Years: 2006-2014

Table A6: Effect of Zero Cost-Sharing Mandate (30-34 Year Olds)

	Log Birth Cases	Log Chlamydia Cases	Log Gonorrhea Cases
Change in Intercept	0.020 (0.041)	0.460 (0.142)	0.244 (0.357)
Change in Slope	-0.036 (0.044)	0.338 (0.102)	-0.062 (0.213)

Standard errors in parentheses (SE), cluster at state-level, weighted by 2011 state age-specific population
Controls: unemployment rate (total and age-specific), population (total and age-specific),
income per capita, strict state regulation of abortion, and state mandates
Years: 2006-2014

Table A7: Effect of Zero Cost-Sharing Mandate on Log Condom Sales

	Panel A: Treatment 25-29 Year Olds	Panel B: Annual Data
Change in Intercept	-0.064 (0.038)	0.039 (0.090)
Change in Slope	-0.139 (0.061)	-0.116 (0.066)

Standard errors in parentheses (SE), cluster at state-level, weighted by 2011 state-age population

Controls: unemployment rate (total and age-specific), population (total and age-specific), income per capita, strict state regulation of abortion, and state mandates

Years: 2010-2014

Table A8: Falsification Test - Effect of Dependent Coverage Mandate

	Log Syphilis Cases	Log HIV Cases ¹	% Women	% White	Unemp. Rate	Income Per Capita	Strict Abortion Reg.
Change in Intercept	0.265 (0.583)	0.152 (0.375)	0.000 (0.002)	-0.018 (0.012)	0.337 (0.792)	1231.5 (1402.0)	-0.092 (0.184)
Change in Slope	-0.144 (0.448)	-0.240 (0.269)	0.002 (0.004)	0.008 (0.008)	-2.101 (1.609)	-1618.0 (1980.4)	-0.318 (0.193)

Standard errors in parentheses (SE), cluster at state-level, weighted by 2011 state age-specific population

Controls: unemployment rate (total and age-specific), population (total and age-specific), income per capita, strict state regulation of abortion, and state mandates

Years: 2006-2012, HIV starts in 2008

Table A9: Falsification Test - Effect of Zero Cost-Sharing Mandate

	Log Syphilis Cases	Log HIV Cases ²	% Women	% White	Unemp. Rate	Income Per Capita	Strict Abortion Reg.
Change in Intercept	0.571 (0.705)	0.216 (0.25)	-0.005 (0.005)	-0.013 (0.016)	0.317 (1.537)	-1165.53 (2766.241)	0.412 (0.452)
Change in Slope	0.498 (0.335)	-0.121 (0.151)	0.003 (0.001)	-0.006 (0.007)	1.181 (1.311)	-1406.594 (889.75)	-0.053 (0.099)

Standard errors in parentheses (SE), cluster at state-level

Controls: unemployment rate (total and age-specific), population (total and age-specific), income per capita, strict state regulation of abortion, and state mandates

Years: 2006-2014, HIV starts in 2008

¹ Age group is 25-34 year olds

² Age group is 25-34 year olds