

ONLINE APPENDIX

**Appendix Table A1 – Summary Statistics for Control Variables By State Medicaid
Expansion Status and Pre-Treatment Uninsured Rate**

	Full Sample	Medicaid Expansion; ≥ Median Baseline Uninsured	Medicaid Expansion; < Median Baseline Uninsured	Non- Expansion; ≥ Median Baseline Uninsured	Non- Expansion; < Median Baseline Uninsured
Age 25-29	0.105 (0.306)	0.107 (0.308)	0.104 (0.303)	0.107 (0.300)	0.105 (0.307)
Age 30-34	0.118 (0.323)	0.121 (0.325)	0.117 (0.320)	0.120 (0.317)	0.118 (0.322)
Age 35-39	0.107 (0.302)	0.106 (0.306)	0.102 (0.299)	0.103 (0.296)	0.099 (0.302)
Age 40-44	0.119 (0.323)	0.114 (0.320)	0.118 (0.320)	0.124 (0.318)	0.116 (0.320)
Age 45-49	0.108 (0.309)	0.103 (0.304)	0.108 (0.305)	0.108 (0.306)	0.106 (0.303)
Age 50-54	0.130 (0.336)	0.127 (0.332)	0.131 (0.333)	0.129 (0.337)	0.131 (0.329)
Age 55-59	0.104 (0.304)	0.105 (0.306)	0.106 (0.302)	0.098 (0.308)	0.104 (0.297)
Age 60-64	0.096 (0.294)	0.103 (0.299)	0.096 (0.293)	0.095 (0.295)	0.098 (0.292)
Female	0.497 (0.499)	0.491 (0.499)	0.497 (0.499)	0.499 (0.499)	0.498 (0.499)
Black	0.122 (0.327)	0.066 (0.235)	0.096 (0.332)	0.188 (0.312)	0.134 (0.341)
Hispanic	0.166 (0.372)	0.198 (0.385)	0.172 (0.370)	0.221 (0.300)	0.059 (0.424)
White	0.633 (0.482)	0.651 (0.463)	0.636 (0.482)	0.542 (.451)	0.750 (0.497)
Married	0.524 (0.499)	0.521 (0.499)	0.518 (0.499)	0.20 (0.499)	0.553 (0.499)
High school degree	0.267 (0.443)	0.278 (0.451)	0.259 (0.446)	0.274 (0.447)	0.289 (0.443)
Some College	0.320 (0.466)	0.347 (0.473)	0.315 (0.465)	0.319 (0.463)	0.331 (0.466)
College graduate	0.281 (0.449)	0.236 (0.422)	0.298 (0.445)	0.254 (0.459)	0.272 (0.432)

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Appendix Table A1 – Continued

	Full Sample	Medicaid Expansion; ≥ Median Baseline Uninsured	Medicaid Expansion; < Median Baseline Uninsured	Non- Expansion; ≥ Median Baseline Uninsured	Non- Expansion; < Median Baseline Uninsured
No child	0.544 (0.498)	0.553 (0.497)	0.544 (0.498)	0.533 (0.497)	0.555 (0.498)
One child	0.181 (0.385)	0.175 (0.382)	0.182 (0.387)	0.185 (0.384)	0.177 (0.390)
Two children	0.166 (0.372)	0.166 (0.366)	0.168 (0.371)	0.167 (0.370)	0.160 (0.372)
Three children	0.072 (0.257)	0.070 (0.257)	0.071 (0.258)	0.075 (0.252)	0.069 (0.262)
Four children	0.025 (0.156)	0.025 (0.158)	0.024 (0.155)	0.028 (0.148)	0.026 (0.160)
Unemployed	0.091 (0.280)	0.102 (0.290)	0.093 (0.283)	0.092 (0.270)	0.078 (0.289)
Unemployment rate	8.053 (1.628)	8.716 (1.362)	8.421 (1.745)	7.880 (1.525)	6.829 (1.499)
Student	0.051 (0.221)	0.051 (0.213)	0.055 (0.239)	0.048 (0.240)	0.045 (0.241)
Income 10k to less than 15k	0.058 (0.235)	0.067 (0.231)	0.056 (0.233)	0.067 (0.209)	0.055 (0.253)
Income 15k to less than 20k	0.080 (0.271)	0.095 (0.261)	0.072 (0.273)	0.098 (0.255)	0.081 (0.285)
Income 20k to less than 25k	0.089 (0.286)	0.110 (0.274)	0.081 (0.287)	0.103 (0.276)	0.098 (0.294)
Income 25k to less than 35k	0.103 (0.304)	0.120 (0.294)	0.097 (0.304)	0.112 (0.294)	0.109 (0.310)
Income 35k to less than 50k	0.134 (0.340)	0.141 (0.329)	0.129 (0.341)	0.136 (0.341)	0.148 (0.337)
Income 50k to less than 75k	0.154 (0.360)	0.151 (0.351)	0.156 (0.359)	0.139 (0.369)	0.165 (0.346)
Income more than 75k	0.309 (0.460)	0.242 (0.476)	0.337 (0.461)	0.268 (0.476)	0.281 (0.448)

Note: Standard deviations in parentheses.

**Appendix Table A2 – Implied Effect of ACA on Probability of Any Insurance at Mean Pre-Treatment Uninsured Rate:
Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	0.048*** (0.007)	0.048*** (0.008)	0.052*** (0.006)	0.053*** (0.006)	0.062*** (0.006)	0.052*** (0.006)	0.053*** (0.006)	0.048*** (0.006)
Medicaid Expansion	0.031** (0.010)	0.031** (0.011)	0.028** (0.011)	0.031*** (0.009)	0.017 (0.015)	0.060*** (0.010)	0.058*** (0.009)	0.066*** (0.010)
Full ACA (with Medicaid Expansion)	0.079*** (0.009)	0.080*** (0.010)	0.080*** (0.010)	0.083*** (0.010)	0.078*** (0.014)	0.112*** (0.010)	0.111*** (0.010)	0.114*** (0.010)
Sample Size	1,333,480	1,328,980	1,322,370	1,322,370	852,953	1,322,370	1,322,370	1,322,370

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	0.056*** (0.008)	0.039*** (0.005)	0.056*** (0.006)	0.052*** (0.007)	0.048*** (0.005)	0.049*** (0.005)	0.052*** (0.006)
Medicaid Expansion	0.034*** (0.009)	0.064*** (0.013)	0.029*** (0.008)	0.034* (0.015)	0.027* (0.010)	0.024* (0.009)	0.033 (0.009)
Full ACA (with Medicaid Expansion)	0.089*** (0.009)	0.103*** (0.011)	0.086*** (0.008)	0.085*** (0.015)	0.075*** (0.011)	0.073*** (0.010)	0.084*** (0.010)
Sample Size	1,322,370	1,322,370	1,227,845	746,174	1,129,957	1,207,428	1,274,613

Notes: Standard errors, heteroscedasticity-robust and clustered by state, are in parentheses. *** indicates statistically significant at 0.1% level; ** 1% level; * 5% level. Sampling weights are used.

**Appendix Table A3 – Implied Effect of ACA on Probability of having a Primary Care Doctor at Mean Pre-Treatment
Uninsured Rate: Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	0.028* (0.011)	0.028* (0.011)	0.028** (0.010)	0.030** (0.010)	0.012 (0.009)	0.036** (0.012)	0.037** (0.012)	0.033** (0.012)
Medicaid Expansion	0.003 (0.014)	0.003 (0.015)	-0.001 (0.013)	0.001 (0.013)	0.019 (0.018)	0.006 (0.018)	0.005 (0.017)	0.010 (0.017)
Full ACA (with Medicaid Expansion)	0.031** (0.011)	0.031** (0.011)	0.027* (0.010)	0.031** (0.011)	0.031** (0.015)	0.042** (0.015)	0.042** (0.015)	0.043** (0.016)
Sample Size	1,332,661	1,328,160	1,321,567	1,321,567	852,446	1,321,567	1,321,567	1,321,567

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	0.035*** (0.010)	0.032** (0.010)	0.035** (0.011)	0.032** (0.012)	0.029* (0.010)	0.030** (0.010)	0.029** (0.010)
Medicaid Expansion	0.010 (0.015)	0.009 (0.022)	-0.006 (0.014)	0.001 (0.015)	0.008 (0.015)	-0.001 (0.013)	0.003 (0.013)
Full ACA (with Medicaid Expansion)	0.044** (0.014)	0.041** (0.018)	0.029 (0.011)	0.033 (0.017)	0.037* (0.012)	0.030* (0.011)	0.031** (0.011)
Sample Size	1,321,567	1,321,567	1,226,827	745,735	1,129,281	1,206,714	1,273,853

See notes for Appendix Table A2.

**Appendix Table A4 – Implied Effect of ACA on Probability of having a Cost Barrier at Mean Pre-Treatment Uninsured Rate:
Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	-0.021* (0.009)	-0.021* (0.008)	-0.025*** (0.006)	-0.026*** (0.006)	-0.010 (0.011)	-0.031*** (0.008)	0.031*** (0.008)	-0.027*** (0.007)
Medicaid Expansion	-0.027** (0.009)	-0.028** (0.007)	-0.024** (0.008)	-0.025** (0.009)	-0.050** (0.015)	-0.031** (0.008)	-0.029* (0.011)	-0.035* (0.009)
Full ACA (with Medicaid Expansion)	-0.048*** (0.010)	-0.049*** (0.010)	-0.049*** (0.010)	-0.051*** (0.011)	-0.061*** (0.011)	-0.061*** (0.012)	-0.060*** (0.012)	-0.062*** (0.012)
Sample Size	1,079,266	1,075,533	1,071,238	1,071,238	715,800	1,071,238	1,071,238	1,071,238

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	-0.030*** (0.005)	-0.018*** (0.005)	-0.023*** (0.006)	-0.020** (0.006)	-0.024*** (0.006)	-0.025*** (0.006)	-0.026*** (0.006)
Medicaid Expansion	-0.023 (0.011)	-0.045** (0.012)	-0.033** (0.010)	-0.045* (0.017)	-0.019* (0.008)	-0.022* (0.010)	-0.024** (0.009)
Full ACA (with Medicaid Expansion)	-0.053*** (0.011)	-0.063*** (0.011)	-0.055*** (0.010)	-0.065** (0.020)	-0.043*** (0.010)	-0.048*** (0.012)	-0.050*** (0.011)
Sample Size	1,071,238	1,071,238	994,606	605,156	916,029	976,422	1,031,483

See notes for Appendix Table A2.

**Appendix Table A5 – Implied Effect of ACA on Probability of Having a Checkup at Mean Pre-Treatment Uninsured Rate:
Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	0.021 (0.013)	0.021 (0.012)	0.024* (0.011)	0.023* (0.011)	0.047*** (0.010)	0.011 (0.012)	0.012 (0.012)	0.007 (0.012)
Medicaid Expansion	0.012 (0.014)	0.013 (0.014)	0.013 (0.013)	0.012 (0.013)	-0.008 (0.017)	0.039* (0.015)	0.035* (0.015)	0.042** (0.014)
Full ACA (with Medicaid Expansion)	0.033*** (0.008)	0.034*** (0.008)	0.037*** (0.009)	0.035*** (0.009)	0.039* (0.015)	0.050*** (0.011)	0.047*** (0.012)	0.049*** (0.012)
Sample Size	1,080,580	1,076,836	1,072,537	1,072,537	716,568	1,072,537	1,072,537	1,072,537

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	0.021 (0.011)	0.014 (0.007)	0.023* (0.010)	0.013** (0.010)	0.021* (0.010)	0.023* (0.011)	0.024* (0.010)
Medicaid Expansion	0.016 (0.015)	0.040* (0.017)	0.013 (0.015)	0.018 (0.017)	0.012 (0.015)	0.008 (0.014)	0.016 (0.014)
Full ACA (with Medicaid Expansion)	0.037*** (0.010)	0.054*** (0.010)	0.037*** (0.011)	0.031 (0.016)	0.033** (0.011)	0.032** (0.010)	0.040*** (0.009)
Sample Size	1,072,537	1,072,537	995,814	605,935	917,151	977,617	1,032,729

See notes for Appendix Table A2.

Appendix Table A6 – Implied Effect of ACA on BMI at Mean Pre-Treatment Uninsured Rate: Robustness Checks

	Demographic Controls Only	Demographic and Family Controls	Demographic and Economic Controls	Demographic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	-0.004 (0.086)	-0.023 (0.087)	-0.009 (0.082)	-0.018 (0.082)	0.105 (0.091)	-0.105 (0.101)	0.105 (0.091)	-0.112 (0.104)
Medicaid Expansion	-0.072 (0.116)	-0.032 (0.111)	-0.006 (0.110)	-0.008 (0.107)	-0.132 (0.150)	0.059 (0.113)	-0.132 (0.150)	0.054 (0.111)
Full ACA (with Medicaid Expansion)	-0.075 (0.108)	-0.055 (0.105)	-0.002 (0.099)	-0.026 (0.094)	-0.027 (0.112)	-0.046 (0.108)	-0.027 (0.112)	-0.057 (0.113)
Sample Size	1,269,733	1,267,091	1,264,243	1,264,243	816,228	1,264,243	1,264,243	1,264,243

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19-25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	-0.046 (0.085)	-0.045 (0.101)	-0.101 (0.099)	-0.043 (0.099)	-0.059 (0.078)	-0.047 (0.079)	-0.052 (0.078)
Medicaid Expansion	-0.029 (0.110)	0.164 (0.151)	0.025 (0.146)	-0.117 (0.128)	0.009 (0.130)	0.005 (0.106)	0.008 (0.111)
Full ACA (with Medicaid Expansion)	-0.075 (0.103)	0.118 (0.097)	-0.076 (0.119)	-0.160 (0.154)	-0.050 (0.121)	-0.042 (0.098)	-0.044 (0.094)
Sample Size	1,264,243	1,264,243	1,174,488	714,021	1,079,665	1,154,853	1,218,323

See notes for Appendix Table A2.

**Appendix Table A7 – Implied Effect of ACA on Probability of being as Smoker at Mean Pre-Treatment Uninsured Rate:
Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	0.002 (0.010)	0.001 (0.010)	-0.002 (0.009)	-0.000 (0.009)	-0.009 (0.006)	0.002 (0.012)	0.002 (0.012)	0.003 (0.012)
Medicaid Expansion	0.007 (0.011)	0.010 (0.010)	0.010 (0.009)	0.011 (0.009)	0.019* (0.009)	0.011 (0.012)	0.010 (0.012)	0.010 (0.011)
Full ACA (with Medicaid Expansion)	0.010 (0.009)	0.011 (0.008)	0.008 (0.008)	0.011 (0.009)	0.010 (0.007)	0.013 (0.009)	0.013 (0.010)	0.014 (0.010)
Sample Size	1,307,003	1,304,045	1,300,819	1,300,819	841,849	1,300,819	1,300,819	1,300,819

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	0.000 (0.010)	0.000 (0.010)	-0.000 (0.010)	0.001 (0.010)	0.001 (0.010)	0.001 (0.010)	0.001 (0.009)
Medicaid Expansion	0.013 (0.010)	0.019 (0.013)	0.006 (0.009)	0.017 (0.010)	0.011 (0.009)	0.006 (0.009)	0.011 (0.009)
Full ACA (with Medicaid Expansion)	0.014 (0.008)	0.019* (0.008)	0.006 (0.006)	0.018 (0.009)	0.011 (0.009)	0.008 (0.008)	0.013 (0.007)
Sample Size	1,300,819	1,300,819	1,207,869	736,307	1,110,938	1,188,282	1,253,655

See notes for Appendix Table A2.

**Appendix Table A8 – Implied Effect of ACA on Number of Drinks per Month at Mean Pre-Treatment Uninsured Rate:
Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	0.720 (0.456)	0.670 (0.445)	0.619 (0.423)	0.667 (0.430)	-0.464 (0.779)	0.521 (0.508)	0.542 (0.509)	0.425 (0.509)
Medicaid Expansion	0.029 (0.509)	0.061 (0.504)	-0.167 (0.481)	-0.123 (0.486)	1.940 (1.063)	-0.983 (0.476)	-0.162 (0.528)	-0.013 (0.479)
Full ACA (with Medicaid Expansion)	0.749 (0.496)	0.732 (0.505)	0.452 (0.545)	0.544 (0.571)	1.476 (0.752)	0.422 (0.648)	0.379 (0.677)	0.413 (0.674)
Sample Size	1,273,660	1,270,939	1,268,117	1,268,117	821,086	1,268,117	1,268,117	1,268,117

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	0.520 (0.473)	0.115 (0.468)	0.485 (0.728)	0.743 (0.479)	0.795 (0.478)	0.707 (0.429)	0.774 (0.444)
Medicaid Expansion	-0.278 (0.546)	0.612 (0.643)	-0.022 (0.787)	-0.731 (1.021)	-0.187 (0.587)	0.132 (0.529)	-0.245 (0.489)
Full ACA (with Medicaid Expansion)	0.242 (0.634)	0.726 (0.557)	0.463 (0.651)	0.012 (0.982)	0.608 (0.777)	0.839 (0.623)	0.529 (0.613)
Sample Size	1,268,117	1,268,117	1,178,584	718,539	1,082,450	1,158,646	1,221,714

See notes for Appendix Table A2.

Appendix Table A9 – Implied Effect of ACA on Probability of Having Very Good or Excellent Health at Mean Pre-Treatment Uninsured Rate: Robustness Checks

	Demographic Controls Only	Demographic and Family Controls	Demographic and Economic Controls	Demographic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	-0.003 (0.007)	-0.006 (0.006)	0.005 (0.005)	0.006 (0.005)	-0.001 (0.009)	0.007 (0.006)	0.006 (0.006)	0.008 (0.006)
Medicaid Expansion	-0.005 (0.009)	-0.007 (0.008)	-0.008 (0.008)	-0.007 (0.008)	-0.001 (0.013)	-0.006 (0.011)	-0.002 (0.011)	-0.006 (0.011)
Full ACA (with Medicaid Expansion)	-0.008 (0.010)	-0.008 (0.009)	-0.002 (0.010)	-0.002 (0.010)	-0.001 (0.012)	0.001 (0.011)	0.004 (0.011)	0.002 (0.011)
Sample Size	1,332,950	1,328,431	1,321,799	1,321,799	852,112	1,321,799	1,321,799	1,321,799

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19-25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	0.008 (0.005)	0.008 (0.005)	0.010 (0.007)	0.003 (0.006)	0.006 (0.006)	0.006 (0.006)	0.005 (0.006)
Medicaid Expansion	-0.003 (0.009)	-0.006 (0.010)	-0.009 (0.009)	-0.011 (0.012)	-0.005 (0.010)	-0.005 (0.009)	-0.009 (0.008)
Full ACA (with Medicaid Expansion)	0.005 (0.010)	0.001 (0.009)	0.000 (0.011)	-0.008 (0.015)	0.001 (0.012)	0.002 (0.011)	-0.004 (0.010)
Sample Size	1,321,799	1,321,799	1,226,723	745,721	1,129,381	1,206,947	1,274,025

See notes for Appendix Table A2.

**Appendix Table A10 – Implied Effect of ACA on the Number of Days Not in Good Physical Health at Mean Pre-Treatment
Uninsured Rate: Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	-0.012 (0.135)	-0.052 (0.127)	-0.131 (0.113)	-0.118 (0.113)	-0.155 (0.110)	-0.173 (0.135)	-0.173 (0.135)	-0.216 (0.126)
Medicaid Expansion	0.045 (0.118)	0.079 (0.116)	0.057 (0.107)	0.068 (0.109)	0.229 (0.260)	0.053 (0.150)	0.053 (0.152)	0.061 (0.136)
Full ACA (with Medicaid Expansion)	0.033 (0.144)	0.027 (0.142)	-0.075 (0.132)	-0.050 (0.126)	0.074 (0.247)	-0.120 (0.144)	-0.120 (0.145)	-0.156 (0.146)
Sample Size	1,320,243	1,316,045	1,309,624	1,309,624	844,163	1,309,624	1,309,624	1,309,624

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	-0.142 (0.113)	-0.241 (0.125)	-0.111 (0.120)	-0.074 (0.137)	-0.171 (0.121)	-0.118 (0.118)	-0.138 (0.116)
Medicaid Expansion	0.045 (0.116)	0.114 (0.177)	0.164 (0.130)	0.030 (0.224)	0.127 (0.121)	0.036 (0.097)	0.009 (0.114)
Full ACA (with Medicaid Expansion)	-0.097 (0.130)	-0.127 (0.143)	0.053 (0.144)	-0.044 (0.250)	-0.044 (0.146)	-0.082 (0.128)	-0.046 (0.130)
Sample Size	1,309,624	1,309,624	1,215,345	738,477	1,118,979	1,195,925	1,262,176

See notes for Appendix Table A2.

**Appendix Table A11 – Implied Effect of ACA on the Number of Days Not in Good Mental Health at Mean Pre-Treatment
Uninsured Rate: Robustness Checks**

	Demogra- phic Controls Only	Demogra- phic and Family Controls	Demogra- phic and Economic Controls	Demogra- phic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	-0.008 (0.016)	-0.026 (0.146)	-0.076 (0.156)	-0.008 (0.155)	0.030 (0.122)	-0.094 (0.213)	-0.102 (0.206)	-0.097 (0.212)
Medicaid Expansion	-0.115 (0.164)	-0.085 (0.162)	-0.057 (0.176)	-0.068 (0.178)	-0.149 (0.282)	-0.250 (0.226)	-0.224 (0.217)	-0.256 (0.212)
Full ACA (with Medicaid Expansion)	-0.123 (0.120)	-0.111 (0.124)	-0.133 (0.120)	-0.149 (0.126)	-0.120 (0.259)	-0.344* (0.162)	-0.326 (0.169)	-0.353* (0.169)
Sample Size	1,321,277	1,317,107	1,310,641	1,310,641	844,984	1,310,641	1,310,641	1,310,641

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19- 25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	-0.157 (0.180)	-0.284 (0.193)	-0.106 (0.184)	-0.072 (0.164)	-0.050 (0.165)	-0.078 (0.155)	-0.103 (0.152)
Medicaid Expansion	-0.092 (0.183)	-0.066 (0.239)	0.050 (0.200)	-0.063 (0.211)	0.028 (0.191)	-0.043 (0.174)	-0.067 (0.183)
Full ACA (with Medicaid Expansion)	-0.249 (0.130)	-0.350 (0.131)	-0.057 (0.132)	-0.136 (0.158)	-0.022 (0.133)	-0.121 (0.131)	-0.170 (0.134)
Sample Size	1,310,641	1,310,641	1,216,192	739,295	1,119,831	1,196,872	1,263,185

See notes for Appendix Table A2.

Appendix Table A12 – Implied Effect of ACA on the Number of Days with Health-Related Limitations at Mean Pre-Treatment Uninsured Rate: Robustness Checks

	Demographic Controls Only	Demographic and Family Controls	Demographic and Economic Controls	Demographic and Exchange Controls	Drop Cell Phone Sample	<138% FPL Medicaid, >100% Private	<100% FPL Medicaid, >100% Private	<138% FPL Medicaid, >138% Private
ACA without Medicaid Expansion	-0.035 (0.132)	-0.052 (0.127)	-0.129 (0.143)	-0.121 (0.141)	0.073 (0.101)	-0.158 (0.195)	-0.159 (0.192)	-0.179 (0.193)
Medicaid Expansion	0.176 (0.176)	0.198 (0.176)	0.206 (0.177)	0.226 (0.164)	-0.107 (0.238)	0.116 (0.202)	0.119 (0.179)	0.114 (0.191)
Full ACA (with Medicaid Expansion)	0.141 (0.182)	0.146 (0.189)	0.076 (0.179)	0.105 (0.154)	-0.035 (0.213)	-0.042 (0.200)	-0.040 (0.192)	-0.065 (0.206)
Sample Size	1,320,243	1,316,045	1,309,624	1,309,624	844,163	1,309,624	1,309,624	1,309,624

	Uninsured Rate from 2011-2013	State Baseline 2013 Uninsured Rate	Drop 19-25 Year Olds	Drop All States with Early Expansion	Drop Treated States with Early Expansion	Drop States with Full Early Expansion	Drop Late 2014 and 2015 Expanders
ACA without Medicaid Expansion	-0.165 (0.165)	-0.138 (0.207)	-0.059 (0.142)	0.027 (0.186)	-0.168 (0.143)	-0.069 (0.148)	-0.157 (0.140)
Medicaid Expansion	0.229 (0.168)	-0.094 (0.252)	0.274 (0.166)	0.360 (0.254)	0.303 (0.169)	0.273 (0.156)	0.280 (0.162)
Full ACA (with Medicaid Expansion)	0.064 (0.165)	-0.232 (0.175)	0.121 (0.165)	0.386 (0.235)	0.136 (0.180)	0.204 (0.132)	0.121 (0.161)
Sample Size	1,309,624	1,309,624	1,215,345	738,477	1,118,979	1,201,881	1,262,176

See notes for Appendix Table A2.