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39 **Appendix A: Data**

40 **Study Population**

41 We used daily state-level data of the first dose of COVID-19 vaccines starting from April 19
42 through July 18, 2021 which were aggregated by John Hopkins University ¹. The data is
43 provided by the Johns Hopkins Centers for Civic Impact and is updated hourly ². The data
44 sources are a combination of the State's public dashboards and the CDC Vaccine tracker
45 database. If total administered doses were not available by State sources, but the different stages
46 of doses (1st, 2nd, etc.) were available, the value of total doses administered were determined by
47 summing the stages of doses administered. The data covers all 50 states plus Washington DC.

48 **Statewide incentives for COVID-19 vaccination**

49 We collected data on statewide incentives for COVID-19 vaccination from publicly available
50 compilations of state COVID-19 vaccination incentives from the National Governors
51 Association ³. We also search and review grey literature for all state governor announcement on
52 statewide financial and non-financial incentives between April 19 and July 18. Our search
53 includes announcements made by state governors or officials. Appendix Exhibit 9 lists the
54 incentive announcement dates for each state.

55 Alabama Department of Public Health announced that vaccinated residents could drive on the
56 Talladega Superspeedway as an incentive for COVID-19 vaccination. However, the official
57 press release specified only one day (May 15) for the incentive to be active ⁴. Therefore, we did
58 not consider Alabama as a treatment state as the incentive was only active for one day and was
59 not accessible to all residents of the state to have a significant effect.

60 In case of Idaho, the governor announced that state employees would be eligible for 4 hours of
61 paid leave to receive the COVID-19 vaccine ⁵. However, since the incentive was limited to state
62 employees only, and were not accessible to all state residents, we did not consider Idaho as a
63 treatment state but considered it as a control state for all models.

64 On May 20, Governor Andrew Cuomo of New York announced a vaccination program that
65 would provide free NYS lottery scratch-off tickets to individuals 18 and over with a grand prize
66 of \$5 million ⁶. However, the program was rolled out at 10 vaccination sites and it was stated that
67 the sites would remain open for only a limited number of days. Since the incentives were
68 localized to 10 sites only, all residents of the state were not able to access them and therefore we
69 consider New York as a control state throughout our study.

70 **Heterogenous samples**

71 To test for heterogeneity in the treatment effects, we revise the analytical sample to alternative
72 sample selection criteria. We use the state level vaccination rates on the day of announcement of
73 statewide incentives by the state governors to categorize states with high (>50%) or low (<50%)
74 vaccination rates among its citizens. First, we compare low vaccination coverage states with
75 control states. Second, we compare high vaccination states (vaccination rate >50%) with control
76 states. The results are robust to the new sample specifications.

77 We also categorize states based on the time of adoption of the incentive program. If they adopted
78 the incentives in the month of April or May, we categorize them as early adopters. If they
79 adopted the incentives in the month of June or July, they are categorized as late adopters of

80 incentives. Third, we compare early adopters with control states. In a fourth check, we compare
81 late adopters with control states. Except for states with high vaccination coverage at the time of
82 incentive adoption, the results are robust to the new sample specifications. Fifth, we compare the
83 states that required self-registration for the enrollment into lottery program with the control
84 states. Lastly, we compare states that automatically enrolled vaccinated residents into incentive
85 programs with control states.

86 **Other state policies**

87 In addition to incentives, states had also announced different types of policies leading to the
88 gradual reopening of state functions and returning of life to regular activities. In the main model,
89 we controlled for such policies. Specifically, we obtained data on the following state reopening
90 policies: time of lifting state mask mandates and time of lifting state emergencies. We verified
91 other important policies such as reopening of - schools, gyms, non-essential businesses,
92 restaurants, entertainment centers, withdrawal of shelter-in-place orders; but found that most
93 states withdrew limitation on the policies prior to our study period. All policies were measured at
94 the state level and were collected daily throughout the study period. Data on state level measures
95 come from the publicly available Boston University School of Public Health database of state
96 COVID-19 policies ⁷.

97 We use state level data on daily number of COVID-19 cases and the number of doses shipped to
98 each state daily from the Johns Hopkins University, which is a publicly available database that
99 aggregates the daily testing data from state public authorities ¹.

100 **Appendix B: Identification Strategy**

101 Similar to a difference-in-difference design, we used an event study which is used to examine
102 whether the statewide incentives affect the COVID-19 vaccination rates based on the state
103 variations in announcing financial and non-financial types of incentives. Using state-level data
104 on daily COVID-19 vaccination rates, we estimated the following event study model:

$$\begin{aligned} 105 & \text{VaccineGrowth}_{st} = \alpha + \beta_1 \text{INCENTIVE_b12plus}_{st} + \beta_2 \text{INCENTIVE_b10to12}_{st} + \\ 106 & \beta_3 \text{INCENTIVE_b7to9}_{st} + \beta_4 \text{INCENTIVE_b4to6}_{st} + \beta_5 \text{INCENTIVE_a1to3}_{st} + \\ 107 & \beta_6 \text{INCENTIVE_a4to6}_{st} + \beta_7 \text{INCENTIVE_a7to9}_{st} + \beta_8 \text{INCENTIVE_a10to12}_{st} + \\ 108 & \beta_9 \text{INCENTIVE_a12plus}_{st} + X_{st} + \theta_s + M_m + \omega_t + \varepsilon_{st} \quad (1) \end{aligned}$$

109 To directly test the effectiveness of the incentives announced to accelerate COVID-19
110 vaccination rates, we examined the daily growth rate in first doses of all types of COVID-19
111 vaccines (Pfizer, Moderna and the single dose Jensen). On day t for state s, $\text{VaccineGrowth}_{st}$ was
112 the daily growth rate of COVID-19 vaccination which is calculated in percentage points. It was
113 measured as the natural log of cumulative first dose vaccines in day t minus the natural log of
114 cumulative first dose vaccines in day t-1. This difference was then multiplied by 100: $[\ln$
115 $(\text{Cases}_{st}) - \ln (\text{Cases}_{s(t-1)})] \times 100$. We adopted this procedure of defining growth rate from a
116 previous study that studied the effects of state policies on COVID-19 cases ⁸.

117 INCENTIVE_a1to3 , INCENTIVE_a4to6 , INCENTIVE_a7to9 , INCENTIVE_a10to12 and
118 INCENTIVE_a12plus were indicators for five post-announcement periods: 1-3 days, 4-6 days,
119 7-9 days, 10-12 days, and 12+ days, respectively. The reference period for estimating the
120 (INCENTIVE) effects was 1-3 days before announcement of the incentive. Their coefficients
121 represent the incentive effects during several post-periods. Pre-incentive coefficients should be

122 small and insignificant, which would validate the study design as a natural experiment.
123 INCENTIVE_b4to6, INCENTIVE_b7to9, INCENTIVE_b10to12 and INCENTIVE_b12plus
124 represent 4-6 days, 7-9 days, 10-12 days, and 12+ days before announcing the incentives. These
125 variables captured differences in pre-incentive COVID-19 vaccination rates. Because individuals
126 likely become aware of the statewide incentives (financial and non-financial) through the
127 governors' announcements, promotional activities, and related media reports, we used the date of
128 announcement of the incentives to define the pre and post intervention periods. The model
129 examined how effects changed over time after state announcement of various incentives.

130 We included data from 7 days before the first incentive was announced by Connecticut on April
131 26, and hence the sample included daily state-level data from April 19 through July 18. X_{st}
132 included the following time-varying factors that might have affected the outcome: withdrawal of
133 state mask mandates and state emergencies, daily COVID-19 cases, and number of Covid-19
134 vaccines shipped to states per day. By including state dummies (θ_s), the model controlled for
135 state time-invariant confounders such as demographic distributions. Dummies for Month (M_m)
136 and day (ω_t) were included to account for day-to-day and month-to-month trends in COVID-19
137 vaccination rates shared across states. The models were estimated by least squares weighted by
138 the state unvaccinated population per day with state-clustered and heteroscedasticity robust
139 standard errors.

140 **Appendix C: Robustness Checks**

141 **Robustness check Specifications**

142 For each model specification, we conducted several robustness checks. The first set of robustness
143 check focused on controlling for the daily number of COVID-19 vaccine doses shipped to each
144 state. Next, we controlled for the number of cases of COVID-19 per state per day. We then tested
145 for a couple of state reopening policies. We controlled for a state-level time-varying variable for
146 ending state mask mandates. We then controlled for a state-level time-varying indicator for when
147 states lifted their emergencies. In a final robustness check, we excluded the states of Alabama,
148 Idaho and New York from the study sample and re-estimated the models. The results (Appendix
149 Exhibit 2-9) are robust to this inclusion.

150 **Robustness checks for Main and Heterogenous samples**

151 To understand the heterogeneity in the treatment group, we performed robustness checks for
152 each of the alternative sample specifications. The results of these checks are reported in
153 Appendix Exhibit 2-9. For all six variations of the treatment sample, we further categorize each
154 group by three specifications – any incentives, financial incentives, and non-financial incentives,
155 which brings the number of heterogenous treatment group specifications to eighteen. These
156 eighteen specifications in addition to the three main treatment group specifications (any
157 incentive, financial incentive, non-financial incentive), gives us a total of 21 treatment group
158 specifications. For each of the 21 treatment group specifications, we conduct five tests to check
159 for robustness – controlling for daily doses shipped, controlling for daily cases, controlling for
160 when states ended mask mandates, controlling for when states lifted emergencies, and excluding
161 Alabama, Idaho, and New York from the sample. The results are robust for most specifications.

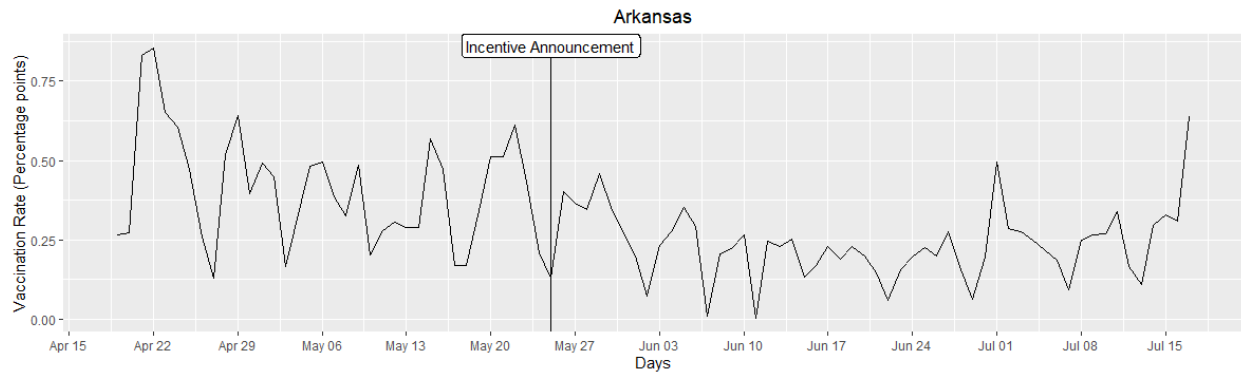
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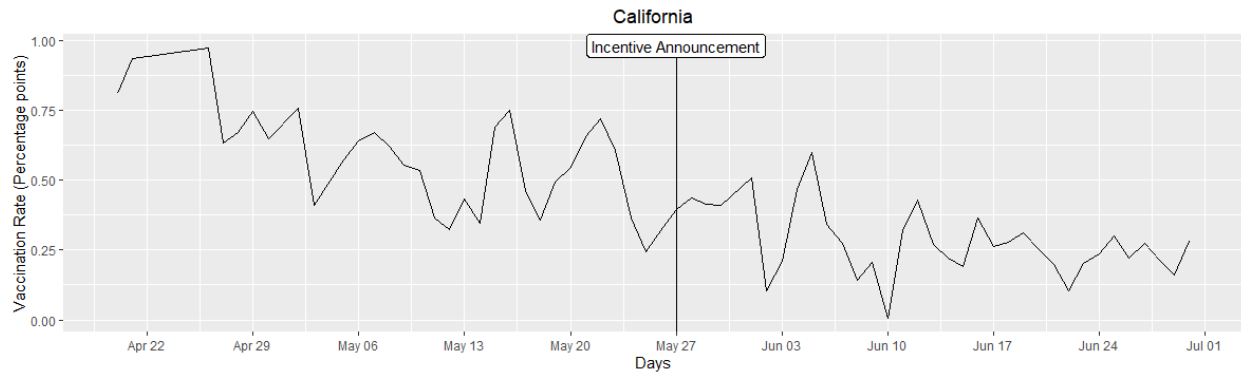
164 **Figures**

165 **Appendix Exhibit 1: Time trend of vaccination rates among treatment states during study**
166 **period.**

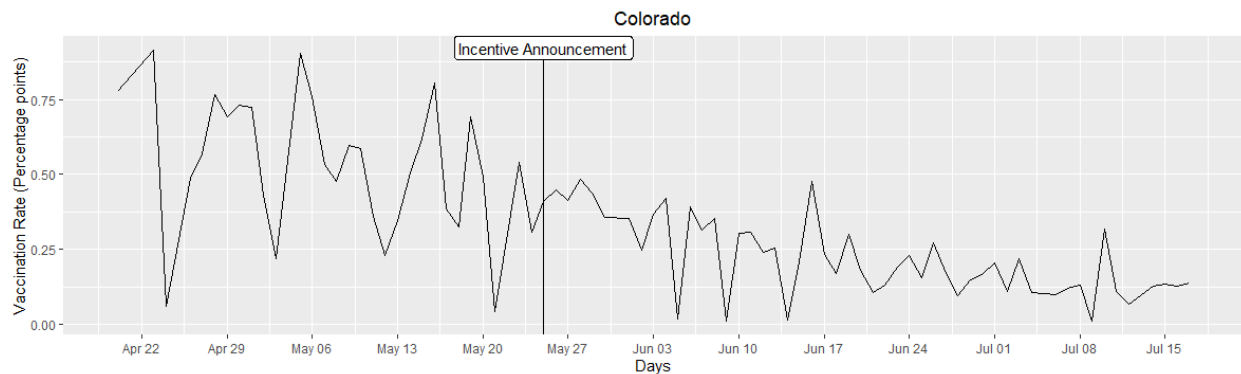
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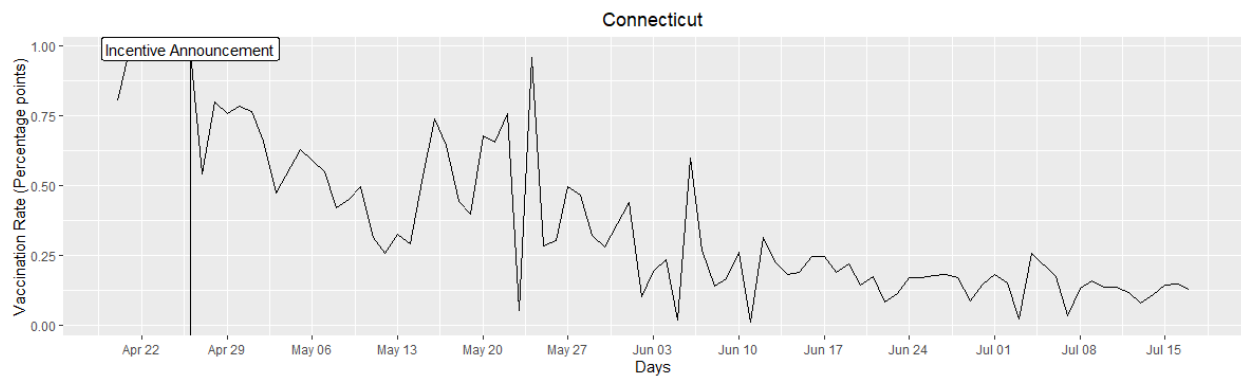
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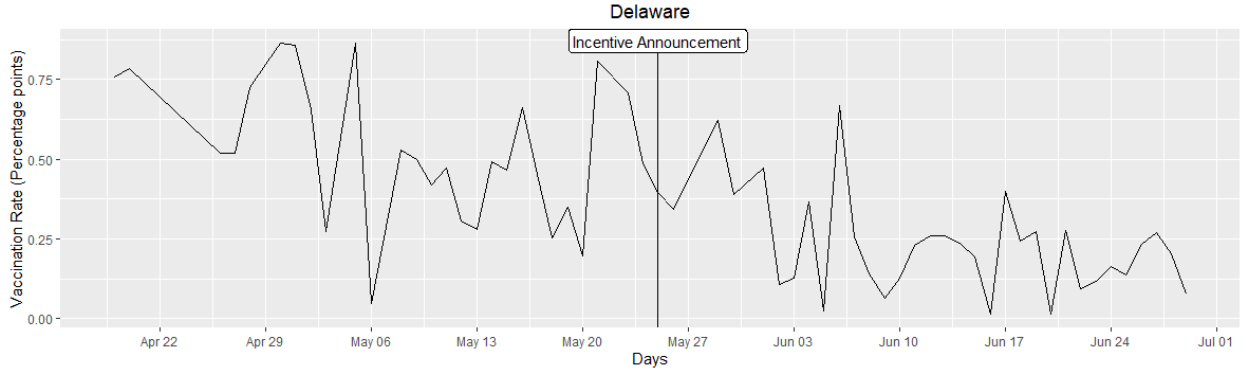
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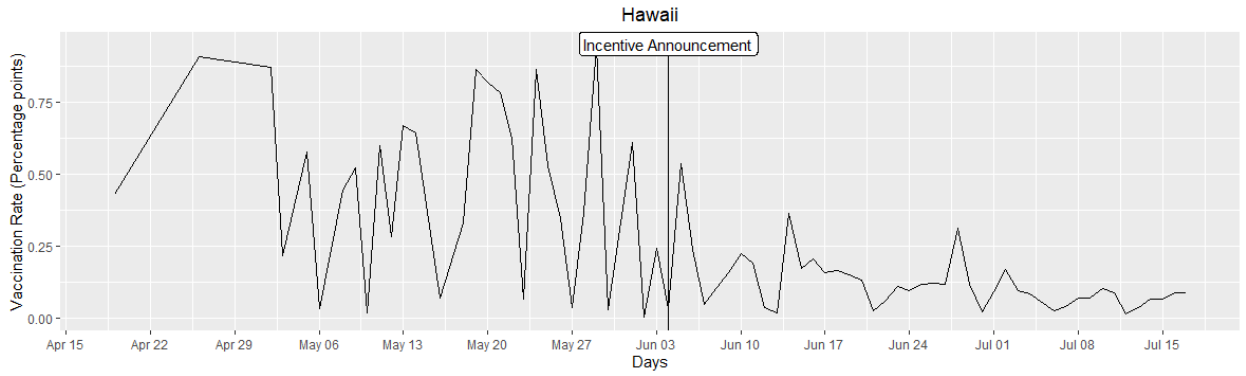
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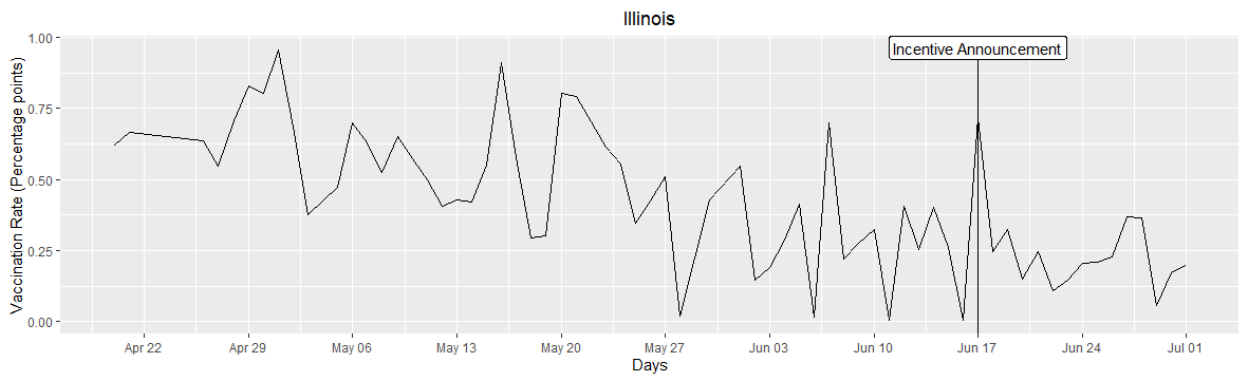
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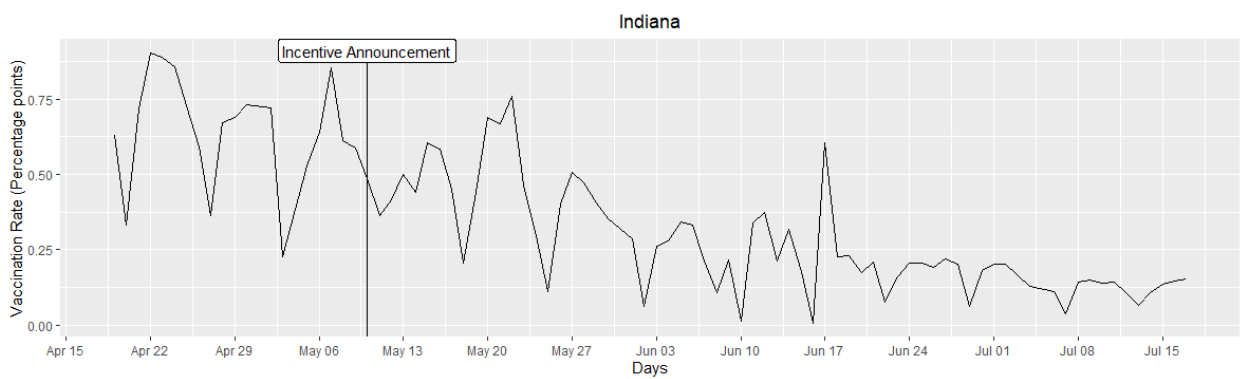
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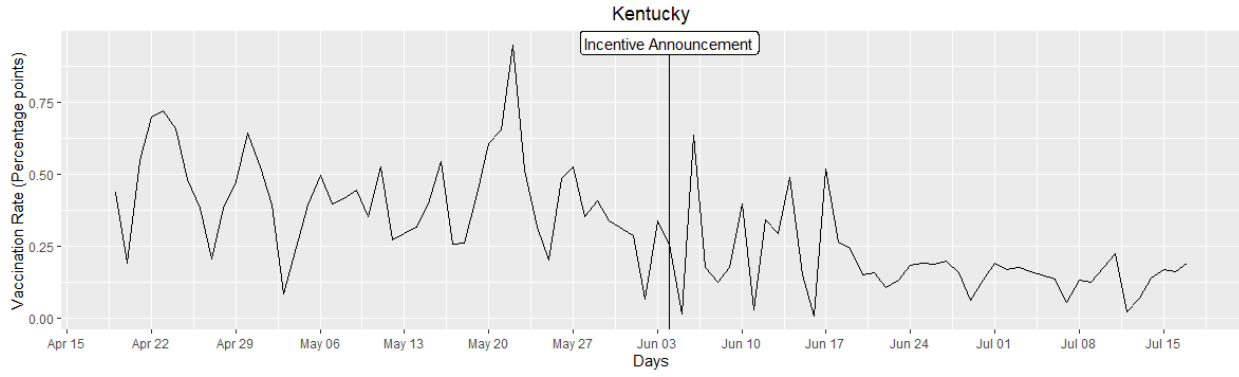
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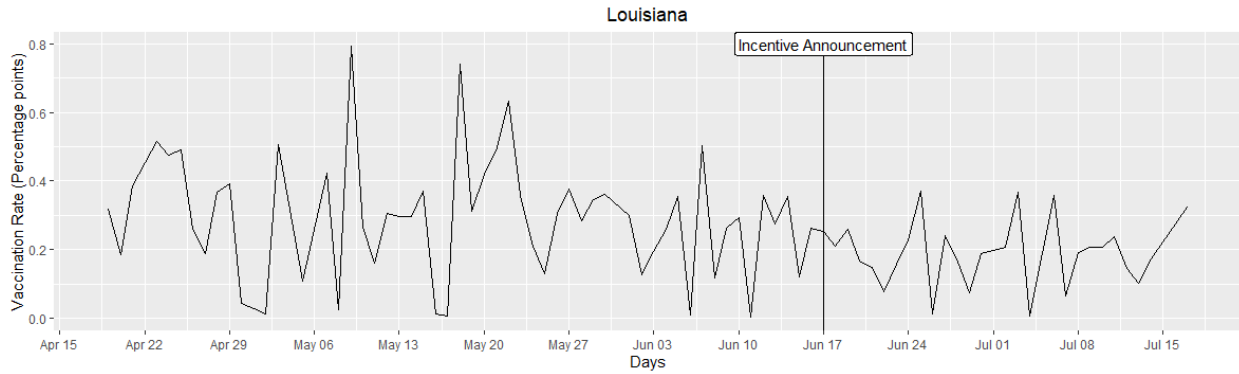
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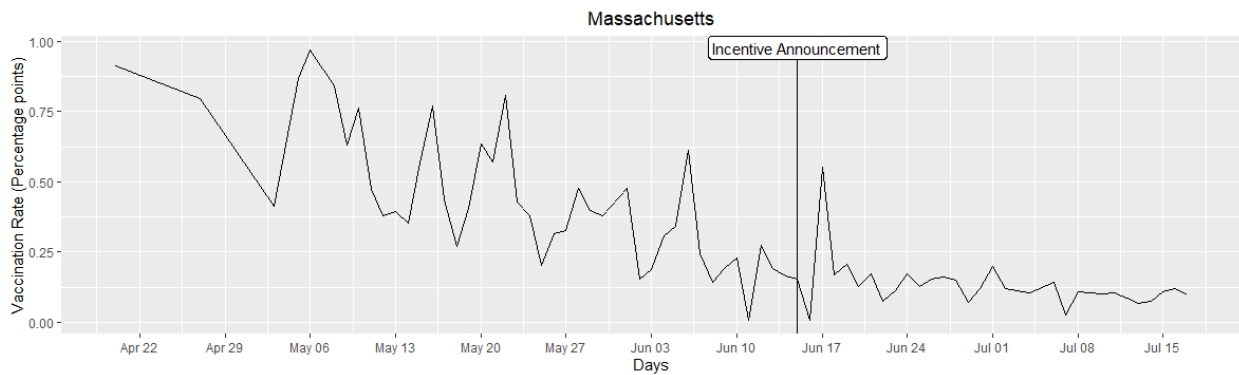
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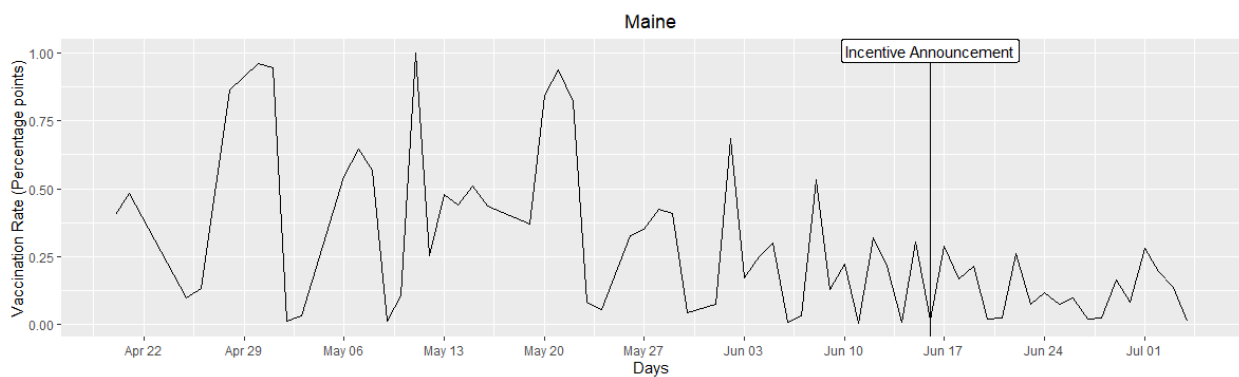
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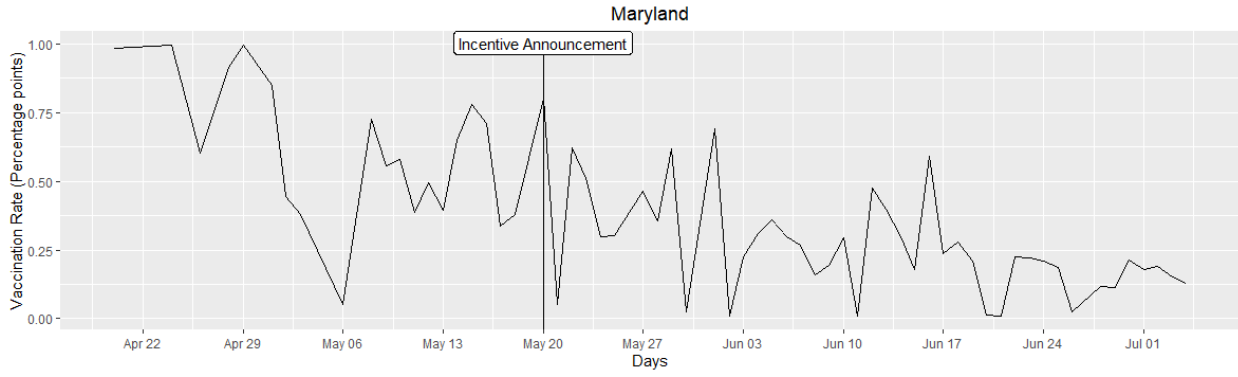
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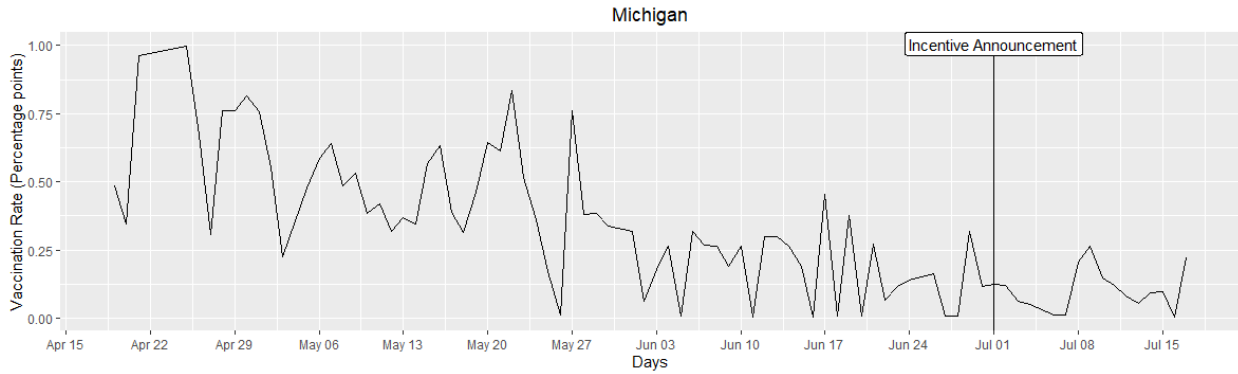
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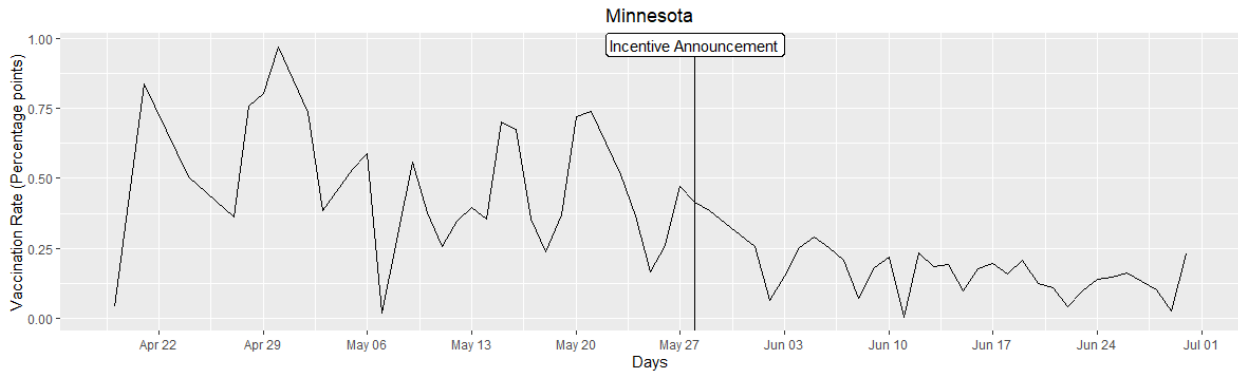
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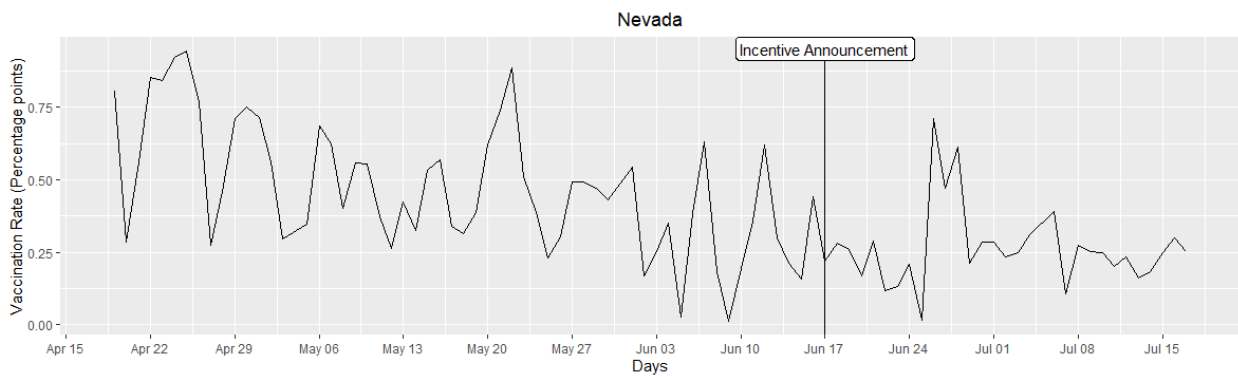
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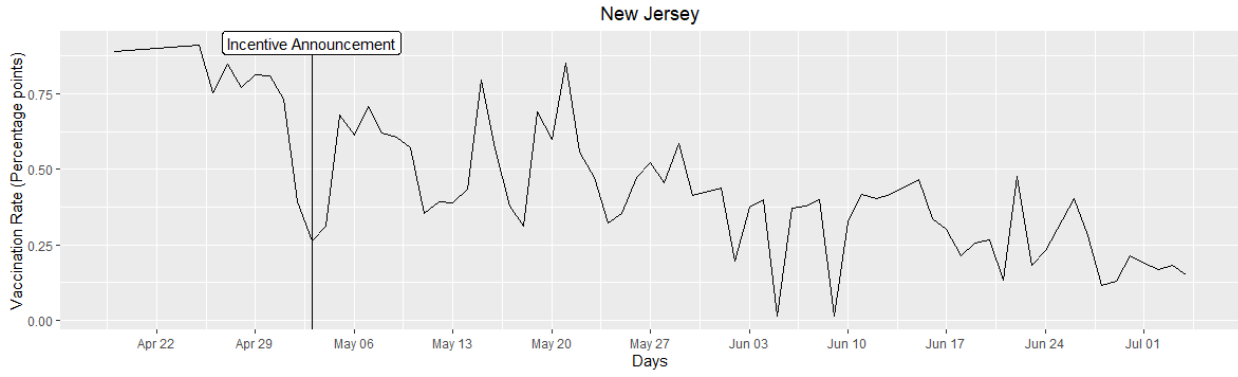


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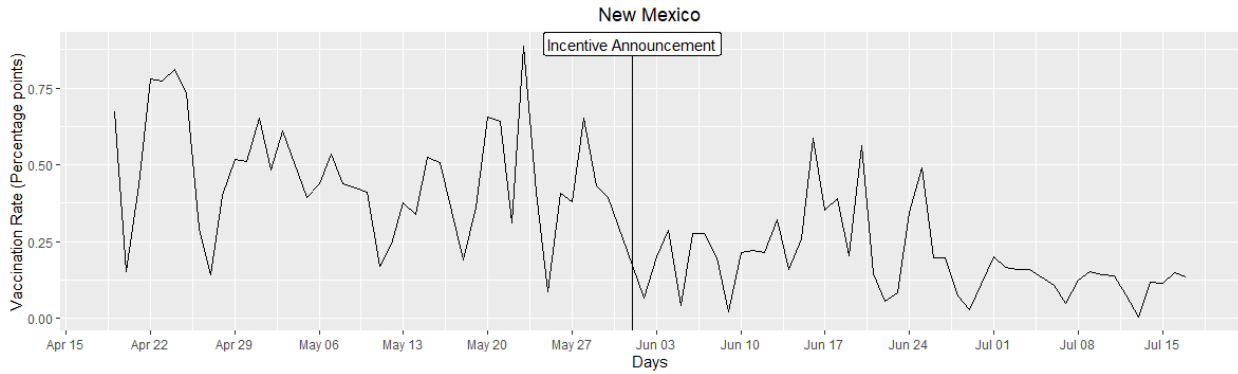


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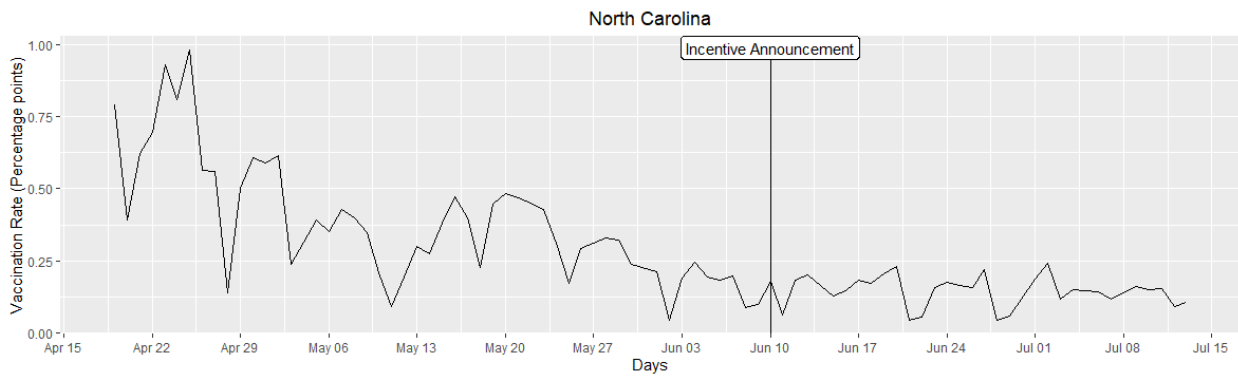




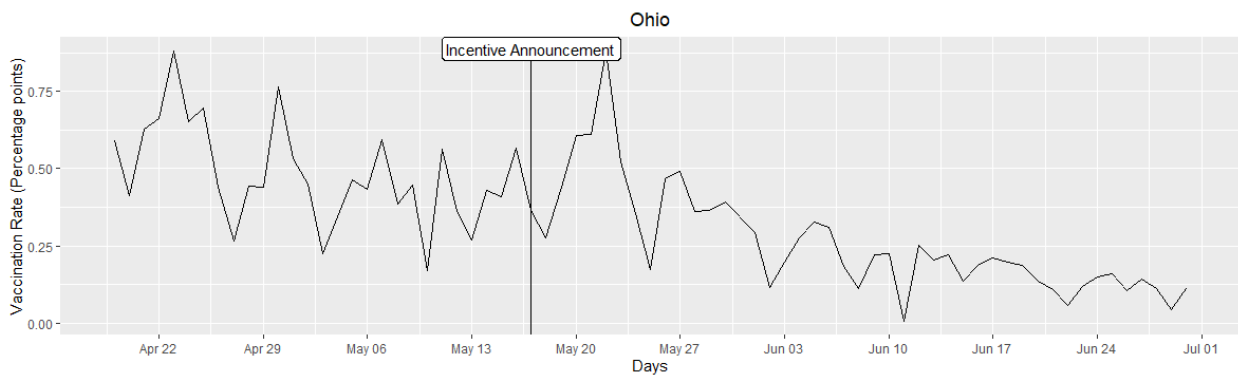
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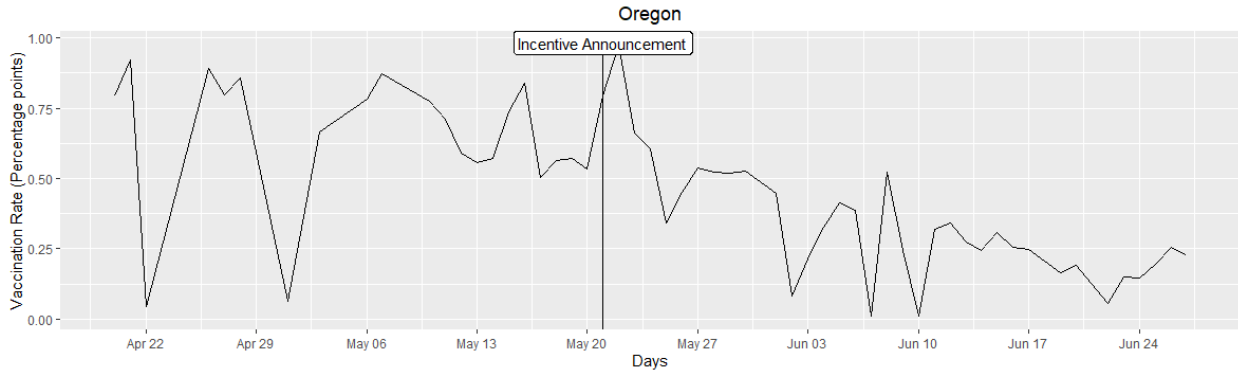
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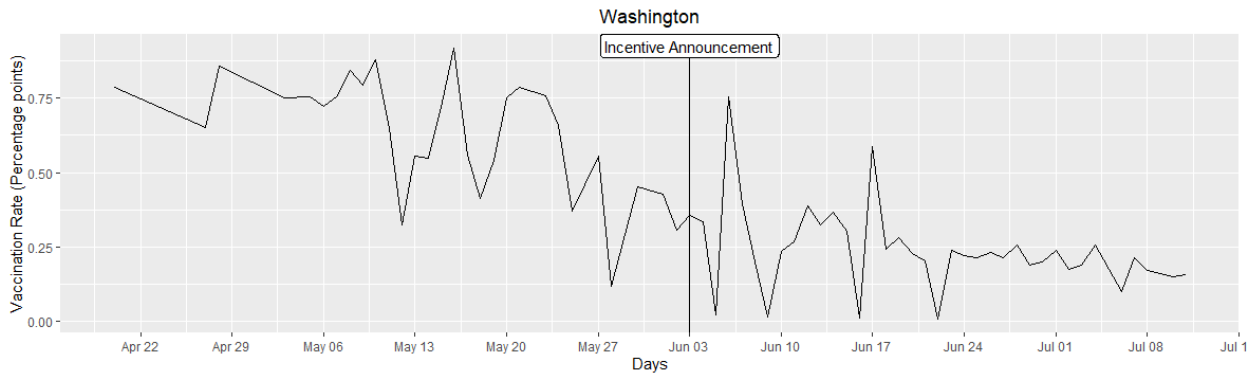
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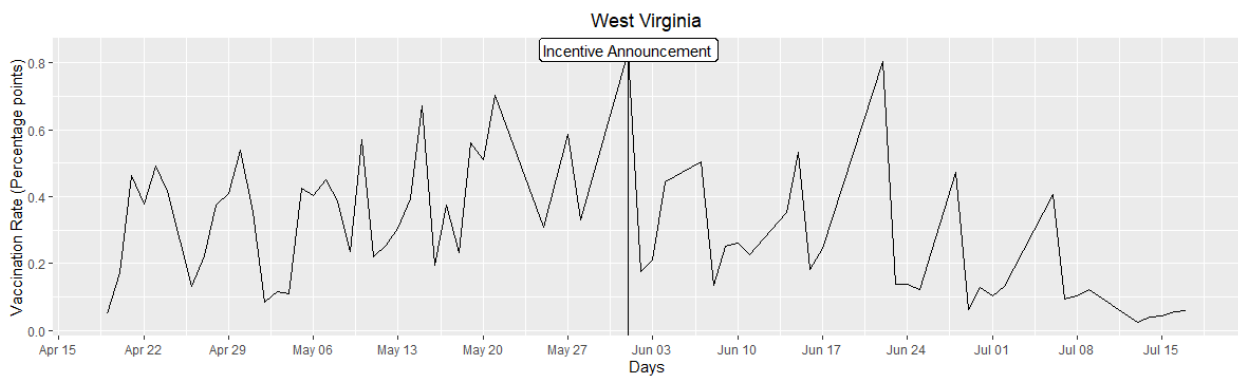
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Tables

Appendix Exhibit 2: Robustness checks for Event Study Estimates of States Providing Any, Financial, and Non-financial Incentives on Covid-19 Vaccination Efforts.

	Any Incentives					Financial Incentives					Non-Financial Incentives				
	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York
12 or More Days Before	-0.062 (0.130)	-0.065 (0.138)	-0.057 (0.130)	-0.033 (0.115)	-0.071 (0.144)	-0.048 (0.144)	-0.052 (0.154)	-0.042 (0.148)	-0.021 (0.129)	-0.059 (0.162)	-0.164 (0.205)	-0.157 (0.196)	-0.145 (0.178)	-0.120 (0.187)	-0.166 (0.204)
10 to 12 Days Before	-0.025 (0.118)	-0.021 (0.112)	-0.015 (0.108)	-0.012 (0.106)	-0.024 (0.118)	-0.006 (0.128)	-0.004 (0.122)	0.007 (0.115)	0.009 (0.113)	-0.006 (0.129)	-0.198 (0.250)	-0.187 (0.235)	-0.192 (0.239)	-0.205 (0.252)	-0.202 (0.254)
7 to 9 Days Before	-0.032 (0.065)	-0.040 (0.079)	-0.033 (0.073)	-0.034 (0.074)	-0.043 (0.080)	-0.046 (0.074)	-0.055 (0.094)	-0.046 (0.088)	-0.048 (0.088)	-0.059 (0.097)	0.003 (0.208)	0.006 (0.206)	0.009 (0.207)	0.006 (0.219)	0.005 (0.223)
4 to 6 Days Before	-0.003 (0.081)	-0.002 (0.080)	-0.002 (0.080)	-0.000 (0.079)	-0.004 (0.084)	0.022 (0.082)	0.022 (0.082)	0.022 (0.082)	0.025 (0.080)	0.020 (0.087)	-0.196 (0.186)	-0.190 (0.176)	-0.192 (0.178)	-0.204 (0.192)	-0.203 (0.194)
1 to 3 Days After	-0.027 (0.066)	-0.029 (0.068)	-0.029 (0.071)	-0.030 (0.072)	-0.033 (0.075)	-0.012 (0.078)	-0.014 (0.082)	-0.015 (0.085)	-0.015 (0.087)	-0.020 (0.090)	-0.157 (0.139)	-0.153 (0.135)	-0.153 (0.135)	-0.169 (0.150)	-0.163 (0.147)
4 to 6 Days After	-0.054 (0.069)	-0.051 (0.064)	-0.049 (0.062)	-0.053 (0.065)	-0.052 (0.067)	-0.044 (0.079)	-0.040 (0.072)	-0.038 (0.071)	-0.041 (0.074)	-0.041 (0.076)	-0.174 (0.172)	-0.176 (0.174)	-0.173 (0.171)	-0.192 (0.191)	-0.186 (0.188)
7 to 9 Days After	0.028 (0.048)	0.026 (0.047)	0.028 (0.047)	0.021 (0.045)	0.025 (0.049)	0.069 (0.065)	0.067 (0.063)	0.068 (0.064)	0.063 (0.062)	0.067 (0.068)	-0.211 (0.152)	-0.209 (0.150)	-0.205 (0.146)	-0.234 (0.165)	-0.225 (0.162)
10 to 12 Days After	0.040 (0.049)	0.041 (0.047)	0.043 (0.047)	0.032 (0.053)	0.041 (0.049)	0.068 (0.056)	0.070 (0.053)	0.070 (0.053)	0.061 (0.059)	0.069 (0.055)	-0.154 (0.134)	-0.155 (0.135)	-0.150 (0.130)	-0.179 (0.152)	-0.164 (0.146)
12 or More Days After	0.021 (0.046)	0.021 (0.046)	0.017 (0.044)	0.008 (0.047)	0.022 (0.046)	0.035 (0.052)	0.036 (0.051)	0.029 (0.050)	0.019 (0.058)	0.036 (0.052)	-0.073 (0.124)	-0.076 (0.122)	-0.078 (0.116)	-0.087 (0.152)	-0.080 (0.128)
N	4339	4334	4339	4339	4168	3757	3752	3757	3757	3586	3001	2996	3001	2830	2830

Notes: The table shows estimates of Incentive effects on daily vaccination rates among state residents from April 19 to July 18, 2021 using daily state-level vaccination data from the Johns Hopkins University. The models adjust for state withdrawal of mask mandates or state emergencies, state-level daily COVID-19 cases, the daily number of doses shipped to the state, and include fixed effects for day, month, and state. Standard errors are clustered by state and are reported in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix Exhibit 3: Robustness checks for Event Study Estimates of States with High Vaccination Rates and Providing Incentives on Covid-19 Vaccination Efforts with Alternative Treatment Variable Specification.

High Vaccination Rate (Excluding states with low vaccination rates)															
	Any Incentives					Financial Incentives					Non-Financial Incentives				
	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York
12 or More Days Before	-0.077 (0.239)	-0.094 (0.260)	-0.091 (0.257)	-0.058 (0.232)	-0.107 (0.276)	-0.084 (0.264)	-0.102 (0.288)	-0.102 (0.288)	-0.073 (0.261)	-0.118 (0.308)	-0.095 (0.392)	-0.085 (0.377)	-0.037 (0.328)	-0.028 (0.353)	-0.105 (0.402)
10 to 12 Days Before	-0.097 (0.255)	-0.089 (0.245)	-0.088 (0.245)	-0.081 (0.239)	-0.103 (0.263)	-0.102 (0.287)	-0.094 (0.278)	-0.092 (0.276)	-0.082 (0.267)	-0.110 (0.299)	-0.178 (0.370)	-0.168 (0.357)	-0.165 (0.353)	-0.184 (0.369)	-0.193 (0.391)
7 to 9 Days Before	-0.059 (0.140)	-0.085 (0.170)	-0.082 (0.166)	-0.078 (0.164)	-0.090 (0.177)	-0.101 (0.167)	-0.130 (0.206)	-0.130 (0.205)	-0.123 (0.201)	-0.141 (0.220)	0.088 (0.319)	0.091 (0.316)	0.104 (0.313)	0.088 (0.319)	0.100 (0.344)
4 to 6 Days Before	-0.059 (0.169)	-0.059 (0.168)	-0.060 (0.169)	-0.058 (0.168)	-0.066 (0.181)	-0.039 (0.175)	-0.041 (0.176)	-0.042 (0.178)	-0.040 (0.176)	-0.049 (0.191)	-0.220 (0.308)	-0.215 (0.299)	-0.216 (0.298)	-0.218 (0.298)	-0.235 (0.328)
1 to 3 Days After	-0.127 (0.172)	-0.132 (0.175)	-0.134 (0.180)	-0.130 (0.179)	-0.142 (0.194)	-0.118 (0.188)	-0.125 (0.194)	-0.128 (0.202)	-0.122 (0.200)	-0.138 (0.218)	-0.275 (0.266)	-0.268 (0.253)	-0.264 (0.253)	-0.273 (0.261)	-0.287 (0.280)
4 to 6 Days After	-0.164 (0.191)	-0.155 (0.180)	-0.152 (0.178)	-0.149 (0.178)	-0.163 (0.191)	-0.168 (0.215)	-0.157 (0.199)	-0.155 (0.198)	-0.148 (0.196)	-0.166 (0.213)	-0.249 (0.297)	-0.255 (0.298)	-0.246 (0.295)	-0.255 (0.298)	-0.271 (0.323)
7 to 9 Days After	-0.121 (0.169)	-0.124 (0.172)	-0.120 (0.168)	-0.121 (0.166)	-0.135 (0.181)	-0.118 (0.184)	-0.122 (0.189)	-0.120 (0.186)	-0.116 (0.180)	-0.137 (0.201)	-0.242 (0.272)	-0.237 (0.265)	-0.227 (0.257)	-0.242 (0.264)	-0.259 (0.286)
10 to 12 Days After	-0.093 (0.149)	-0.088 (0.144)	-0.084 (0.140)	-0.091 (0.147)	-0.094 (0.153)	-0.062 (0.164)	-0.054 (0.152)	-0.051 (0.151)	-0.052 (0.156)	-0.061 (0.164)	-0.314 (0.246)	-0.318 (0.248)	-0.306 (0.238)	-0.327 (0.251)	-0.334 (0.270)
12 or More Days After	-0.104 (0.084)	-0.101 (0.080)	-0.101 (0.082)	-0.105 (0.088)	-0.106 (0.087)	-0.105 (0.113)	-0.099 (0.104)	-0.095 (0.103)	-0.122 (0.121)	-0.107 (0.115)	-0.176 (0.186)	-0.177 (0.186)	-0.191 (0.173)	-0.124 (0.243)	-0.186 (0.201)
N	3485	3480	3485	3485	3314	3083	3078	3083	3083	2912	2821	2816	2821	2821	2650

Notes: The table shows estimates of Incentive effects on daily vaccination rates among state residents from April 19 to July 18, 2021 using daily state-level vaccination data from the Johns Hopkins University. The models adjust for state withdrawal of mask mandates or state emergencies, state-level daily COVID-19 cases, the daily number of doses shipped to the state, and include fixed effects for day, month, and state. Standard errors are clustered by state and are reported in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix Exhibit 4: Robustness checks for Event Study Estimates of States with Low Vaccination Rates and Providing Incentives on Covid-19 Vaccination Efforts with Alternative Treatment Variable Specification.

Low Vaccination Rate (Excluding states with high vaccination rates)															
	Any Incentives					Financial Incentives					Non-Financial Incentives				
	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York
12 or More Days Before	-0.082 (0.067)	-0.079 (0.064)	-0.067 (0.058)	-0.049 (0.052)	-0.080 (0.063)	-0.052 (0.074)	-0.049 (0.069)	-0.034 (0.062)	-0.013 (0.051)	-0.049 (0.069)	-0.218*** (0.042)	-0.212*** (0.049)	-0.230*** (0.033)	-0.198** (0.072)	-0.207*** (0.063)
10 to 12 Days Before	-0.010 (0.049)	-0.008 (0.047)	0.002 (0.053)	0.001 (0.049)	-0.002 (0.050)	0.035 (0.043)	0.036 (0.045)	0.051 (0.060)	0.047 (0.047)	0.043 (0.049)	-0.227* (0.114)	-0.213** (0.092)	-0.229** (0.105)	-0.218** (0.093)	-0.216** (0.096)
7 to 9 Days Before	-0.025 (0.039)	-0.025 (0.039)	-0.015 (0.045)	-0.019 (0.039)	-0.029 (0.040)	-0.007 (0.048)	-0.007 (0.047)	0.007 (0.059)	-0.000 (0.048)	-0.010 (0.049)	-0.116** (0.051)	-0.112** (0.050)	-0.120** (0.052)	-0.107** (0.044)	-0.128** (0.052)
4 to 6 Days Before	0.012 (0.047)	0.014 (0.045)	0.013 (0.046)	0.016 (0.046)	0.012 (0.046)	0.051* (0.030)	0.054* (0.028)	0.053* (0.029)	0.056* (0.028)	0.052* (0.029)	-0.186 (0.117)	-0.176 (0.116)	-0.181 (0.118)	-0.178 (0.116)	-0.183 (0.121)
1 to 3 Days After	0.050 (0.076)	0.049 (0.073)	0.049 (0.074)	0.039 (0.069)	0.045 (0.075)	0.064 (0.063)	0.063 (0.061)	0.063 (0.062)	0.053 (0.059)	0.058 (0.061)	0.017 (0.294)	0.017 (0.290)	0.014 (0.290)	0.005 (0.285)	0.019 (0.315)
4 to 6 Days After	0.038 (0.092)	0.040 (0.095)	0.041 (0.096)	0.026 (0.084)	0.044 (0.098)	0.068 (0.112)	0.070 (0.117)	0.072 (0.119)	0.055 (0.104)	0.076 (0.122)	-0.087 (0.076)	-0.085 (0.077)	-0.087 (0.078)	-0.101 (0.078)	-0.090 (0.083)
7 to 9 Days After	0.210 (0.266)	0.209 (0.261)	0.208 (0.259)	0.192 (0.246)	0.220 (0.278)	0.306 (0.326)	0.304 (0.321)	0.302 (0.318)	0.285 (0.304)	0.322 (0.345)	-0.190** (0.089)	-0.191** (0.086)	-0.193** (0.084)	-0.206** (0.087)	-0.204** (0.087)
10 to 12 Days After	0.146* (0.084)	0.147* (0.084)	0.145* (0.081)	0.121* (0.066)	0.146* (0.083)	0.165* (0.089)	0.165* (0.089)	0.162* (0.085)	0.137* (0.070)	0.164* (0.089)	0.074 (0.110)	0.080 (0.116)	0.078 (0.112)	0.053 (0.100)	0.077 (0.111)
12 or More Days After	0.139 (0.124)	0.137 (0.118)	0.130 (0.107)	0.107 (0.100)	0.142 (0.123)	0.164 (0.112)	0.162 (0.108)	0.147 (0.092)	0.142 (0.095)	0.168 (0.113)	0.044 (0.210)	0.040 (0.199)	0.046 (0.206)	-0.049 (0.136)	0.044 (0.209)
N	3273	3268	3273	3273	3102	3093	3088	3093	3093	2922	2599	2594	2599	2599	2428

Notes: The table shows estimates of Incentive effects on daily vaccination rates among state residents from April 19 to July 18, 2021 using daily state-level vaccination data from the Johns Hopkins University. The models adjust for state withdrawal of mask mandates or state emergencies, state-level daily COVID-19 cases, the daily number of doses shipped to the state, and include fixed effects for day, month, and state. Standard errors are clustered by state and are reported in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix Exhibit 5: Robustness checks for Event Study Estimates of States with Early Adoption and Providing Incentives on Covid-19 Vaccination Efforts with Alternative Treatment Variable Specification.

Early Incentive Adoption (Excluding states with late adoption of incentives)															
	Any Incentives					Financial Incentives					Non-Financial Incentives				
	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York
12 or More Days Before	-0.103 (0.177)	-0.115 (0.197)	-0.105 (0.187)	-0.085 (0.172)	-0.125 (0.209)	-0.080 (0.213)	-0.097 (0.240)	-0.085 (0.233)	-0.068 (0.213)	-0.109 (0.257)	-0.242 (0.190)	-0.235 (0.180)	-0.224 (0.160)	-0.191 (0.159)	-0.245 (0.189)
10 to 12 Days Before	-0.110 (0.212)	-0.105 (0.202)	-0.094 (0.193)	-0.094 (0.195)	-0.114 (0.217)	-0.108 (0.257)	-0.102 (0.247)	-0.082 (0.235)	-0.085 (0.233)	-0.114 (0.267)	-0.221 (0.273)	-0.210 (0.257)	-0.215 (0.261)	-0.217 (0.258)	-0.227 (0.278)
7 to 9 Days Before	-0.093 (0.134)	-0.108 (0.159)	-0.097 (0.146)	-0.102 (0.151)	-0.115 (0.164)	-0.148 (0.188)	-0.171 (0.225)	-0.152 (0.210)	-0.162 (0.216)	-0.183 (0.238)	0.011 (0.214)	0.014 (0.213)	0.017 (0.214)	0.017 (0.212)	0.012 (0.230)
4 to 6 Days Before	-0.091 (0.163)	-0.090 (0.160)	-0.090 (0.161)	-0.088 (0.160)	-0.097 (0.173)	-0.079 (0.199)	-0.079 (0.197)	-0.079 (0.199)	-0.076 (0.196)	-0.089 (0.215)	-0.201 (0.191)	-0.195 (0.181)	-0.197 (0.183)	-0.198 (0.181)	-0.209 (0.199)
1 to 3 Days After	-0.069 (0.109)	-0.072 (0.111)	-0.073 (0.116)	-0.081 (0.122)	-0.080 (0.125)	-0.056 (0.149)	-0.061 (0.154)	-0.063 (0.161)	-0.073 (0.169)	-0.072 (0.175)	-0.164 (0.144)	-0.161 (0.140)	-0.161 (0.140)	-0.168 (0.144)	-0.171 (0.152)
4 to 6 Days After	-0.070 (0.117)	-0.065 (0.108)	-0.063 (0.107)	-0.071 (0.111)	-0.068 (0.116)	-0.057 (0.154)	-0.047 (0.139)	-0.047 (0.140)	-0.055 (0.141)	-0.052 (0.151)	-0.175 (0.179)	-0.177 (0.181)	-0.175 (0.178)	-0.183 (0.184)	-0.188 (0.196)
7 to 9 Days After	0.011 (0.078)	0.009 (0.078)	0.012 (0.078)	-0.000 (0.078)	0.005 (0.084)	0.085 (0.116)	0.083 (0.117)	0.083 (0.117)	0.073 (0.112)	0.080 (0.129)	-0.218 (0.158)	-0.216 (0.157)	-0.213 (0.152)	-0.224 (0.159)	-0.233 (0.169)
10 to 12 Days After	-0.025 (0.105)	-0.023 (0.099)	-0.019 (0.098)	-0.037 (0.108)	-0.026 (0.108)	-0.005 (0.142)	0.001 (0.130)	0.004 (0.132)	-0.012 (0.138)	-0.004 (0.143)	-0.155 (0.139)	-0.156 (0.140)	-0.152 (0.135)	-0.171 (0.145)	-0.166 (0.152)
12 or More Days After	-0.019 (0.054)	-0.019 (0.055)	-0.021 (0.052)	-0.024 (0.065)	-0.021 (0.056)	-0.021 (0.068)	-0.017 (0.065)	-0.022 (0.061)	-0.018 (0.087)	-0.021 (0.070)	-0.076 (0.127)	-0.079 (0.124)	-0.081 (0.119)	-0.083 (0.152)	-0.083 (0.130)
N	3368	3363	3368	3368	3197	2876	2871	2876	2876	2705	2911	2906	2911	2911	2740

Notes: The table shows estimates of Incentive effects on daily vaccination rates among state residents from April 19 to July 18, 2021 using daily state-level vaccination data from the Johns Hopkins University. The models adjust for state withdrawal of mask mandates or state emergencies, state-level daily COVID-19 cases, the daily number of doses shipped to the state, and include fixed effects for day, month, and state. Standard errors are clustered by state and are reported in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix Exhibit 6: Robustness checks for Event Study Estimates of States with Late Adoption and Providing Incentives on Covid-19 Vaccination Efforts with Alternative Treatment Variable Specification.

Late Incentive Adoption (Excluding states with early adoption of incentives)															
	Any Incentives					Financial Incentives					Non-Financial Incentives				
	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York
12 or More Days Before	-0.006 (0.118)	-0.003 (0.112)	0.007 (0.107)	0.033 (0.087)	-0.005 (0.115)	-0.020 (0.117)	-0.017 (0.111)	-0.009 (0.106)	0.019 (0.086)	-0.020 (0.114)	0.809*** (0.186)	0.822*** (0.161)	0.819*** (0.157)	0.856*** (0.134)	0.833*** (0.155)
10 to 12 Days Before	0.083* (0.048)	0.085* (0.049)	0.084* (0.050)	0.095* (0.050)	0.091* (0.053)	0.079 (0.048)	0.080 (0.049)	0.080 (0.049)	0.091* (0.049)	0.086 (0.051)	0.517 (0.475)	0.519 (0.478)	0.525 (0.486)	0.527 (0.471)	0.585 (0.541)
7 to 9 Days Before	0.080 (0.108)	0.079 (0.106)	0.076 (0.104)	0.085 (0.106)	0.081 (0.113)	0.083 (0.112)	0.082 (0.109)	0.080 (0.108)	0.088 (0.110)	0.084 (0.117)	-0.164 (0.127)	-0.154 (0.109)	-0.147 (0.100)	-0.163 (0.130)	-0.153 (0.116)
4 to 6 Days Before	0.132 (0.090)	0.132 (0.088)	0.132 (0.090)	0.134 (0.090)	0.137 (0.097)	0.133 (0.093)	0.133 (0.092)	0.134 (0.093)	0.135 (0.094)	0.138 (0.101)	-0.002 (0.117)	0.004 (0.104)	0.010 (0.101)	0.000 (0.123)	0.014 (0.114)
1 to 3 Days After	0.017 (0.051)	0.015 (0.054)	0.015 (0.053)	0.029 (0.064)	0.012 (0.053)	0.016 (0.051)	0.014 (0.054)	0.015 (0.053)	0.028 (0.065)	0.011 (0.053)	0.008 (0.033)	0.024* (0.014)	0.028 (0.017)	0.019 (0.015)	0.029* (0.015)
4 to 6 Days After	-0.036 (0.047)	-0.035 (0.047)	-0.032 (0.047)	-0.025 (0.066)	-0.032 (0.047)	-0.031 (0.048)	-0.030 (0.047)	-0.027 (0.047)	-0.020 (0.067)	-0.027 (0.047)	-0.151*** (0.018)	-0.157*** (0.021)	-0.144*** (0.018)	-0.158*** (0.021)	-0.139*** (0.017)
7 to 9 Days After	0.088 (0.111)	0.083 (0.104)	0.082 (0.103)	0.089 (0.111)	0.090 (0.114)	0.091 (0.113)	0.086 (0.105)	0.085 (0.105)	0.093 (0.113)	0.094 (0.116)	-0.056* (0.029)	-0.050* (0.025)	-0.043 (0.028)	-0.067** (0.030)	-0.051* (0.027)
10 to 12 Days After	0.150* (0.086)	0.148* (0.083)	0.145* (0.083)	0.146 (0.102)	0.152* (0.090)	0.155* (0.088)	0.153* (0.085)	0.150* (0.084)	0.151 (0.104)	0.157* (0.092)	-0.061** (0.029)	-0.059** (0.027)	-0.050* (0.026)	-0.077** (0.036)	-0.052* (0.029)
12 or More Days After	0.117 (0.105)	0.113 (0.105)	0.103 (0.108)	0.065 (0.104)	0.119 (0.106)	0.126 (0.104)	0.122 (0.104)	0.113 (0.106)	0.074 (0.102)	0.128 (0.104)	-0.052 (0.038)	-0.053 (0.039)	-0.037 (0.056)	-0.151** (0.064)	-0.035 (0.048)
N	3390	3385	3390	3390	3219	3300	3295	3300	3300	3129	2509	2504	2509	2509	2338

Notes: The table shows estimates of Incentive effects on daily vaccination rates among state residents from April 19 to July 18, 2021 using daily state-level vaccination data from the Johns Hopkins University. The models adjust for state withdrawal of mask mandates or state emergencies, state-level daily COVID-19 cases, the daily number of doses shipped to the state, and include fixed effects for day, month, and state. Standard errors are clustered by state and are reported in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix Exhibit 7: Robustness checks for Event Study Estimates of States with Auto Enrollment and Providing Incentives on Covid-19 Vaccination Efforts with Alternative Treatment Variable Specification.

Auto Enrollment (Excluding states requiring registration)															
	Any Incentives					Financial Incentives					Non-Financial Incentives				
	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York
12 or More Days Before	-0.081 (0.178)	-0.089 (0.192)	-0.073 (0.180)	-0.052 (0.165)	-0.098 (0.203)	-0.057 (0.214)	-0.068 (0.233)	-0.045 (0.223)	-0.036 (0.207)	-0.079 (0.249)	-0.242 (0.190)	-0.235 (0.180)	-0.224 (0.160)	-0.191 (0.159)	-0.245 (0.189)
10 to 12 Days Before	-0.072 (0.200)	-0.067 (0.192)	-0.055 (0.183)	-0.057 (0.185)	-0.075 (0.204)	-0.056 (0.238)	-0.052 (0.230)	-0.028 (0.219)	-0.038 (0.219)	-0.062 (0.246)	-0.221 (0.273)	-0.210 (0.257)	-0.215 (0.261)	-0.217 (0.258)	-0.227 (0.278)
7 to 9 Days Before	-0.047 (0.108)	-0.059 (0.129)	-0.048 (0.120)	-0.053 (0.124)	-0.065 (0.135)	-0.078 (0.141)	-0.096 (0.173)	-0.076 (0.165)	-0.089 (0.168)	-0.106 (0.184)	0.011 (0.214)	0.014 (0.213)	0.017 (0.214)	0.017 (0.212)	0.012 (0.230)
4 to 6 Days Before	-0.051 (0.151)	-0.049 (0.148)	-0.049 (0.149)	-0.047 (0.148)	-0.055 (0.159)	-0.029 (0.178)	-0.028 (0.177)	-0.027 (0.177)	-0.025 (0.176)	-0.035 (0.192)	-0.201 (0.191)	-0.195 (0.181)	-0.197 (0.183)	-0.198 (0.181)	-0.209 (0.199)
1 to 3 Days After	-0.038 (0.100)	-0.041 (0.102)	-0.042 (0.106)	-0.049 (0.111)	-0.047 (0.114)	-0.015 (0.130)	-0.019 (0.135)	-0.021 (0.142)	-0.029 (0.148)	-0.028 (0.152)	-0.164 (0.144)	-0.161 (0.140)	-0.161 (0.140)	-0.168 (0.144)	-0.171 (0.152)
4 to 6 Days After	-0.098 (0.101)	-0.093 (0.093)	-0.091 (0.092)	-0.101 (0.097)	-0.097 (0.100)	-0.101 (0.123)	-0.093 (0.109)	-0.092 (0.110)	-0.101 (0.113)	-0.098 (0.120)	-0.175 (0.179)	-0.177 (0.181)	-0.175 (0.178)	-0.183 (0.184)	-0.188 (0.196)
7 to 9 Days After	-0.012 (0.071)	-0.013 (0.072)	-0.011 (0.071)	-0.026 (0.076)	-0.020 (0.077)	0.035 (0.081)	0.033 (0.083)	0.033 (0.084)	0.020 (0.085)	0.025 (0.091)	-0.218 (0.158)	-0.216 (0.157)	-0.213 (0.152)	-0.224 (0.159)	-0.233 (0.169)
10 to 12 Days After	-0.001 (0.091)	0.001 (0.086)	0.005 (0.085)	-0.016 (0.096)	-0.001 (0.093)	0.021 (0.117)	0.026 (0.106)	0.028 (0.108)	0.009 (0.116)	0.022 (0.117)	-0.155 (0.139)	-0.156 (0.140)	-0.152 (0.135)	-0.171 (0.145)	-0.166 (0.152)
12 or More Days After	0.003 (0.056)	0.004 (0.056)	0.010 (0.058)	-0.029 (0.065)	0.002 (0.058)	0.011 (0.089)	0.015 (0.084)	0.027 (0.084)	-0.037 (0.105)	0.011 (0.089)	-0.076 (0.127)	-0.079 (0.124)	-0.081 (0.119)	-0.083 (0.152)	-0.083 (0.130)
N	3559	3554	3559	3559	3388	3067	3062	3067	3067	2896	2911	2906	2911	2911	2740

Notes: The table shows estimates of Incentive effects on daily vaccination rates among state residents from April 19 to July 18, 2021 using daily state-level vaccination data from the Johns Hopkins University. The models adjust for state withdrawal of mask mandates or state emergencies, state-level daily COVID-19 cases, the daily number of doses shipped to the state, and include fixed effects for day, month, and state. Standard errors are clustered by state and are reported in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix Exhibit 8: Robustness checks for Event Study Estimates of States Requiring Registration and Providing Incentives on Covid-19 Vaccination Efforts with Alternative Treatment Variable Specification.

Registration Required (Excluding states enrolling vaccinated citizens automatically)															
	Any Incentives					Financial Incentives					Non-Financial Incentives				
	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York	Control for daily doses shipped	Control for daily cases	Control for when states ended mask mandate	Control for when states lifted emergency	Exclude Alabama, Idaho, and New York
12 or More Days Before	-0.104 (0.072)	-0.100 (0.065)	-0.112 (0.075)	-0.055 (0.042)	-0.101 (0.063)	-0.104 (0.072)	-0.100 (0.065)	-0.112 (0.075)	-0.055 (0.042)	-0.101 (0.063)	0.108 (0.085)	0.110 (0.080)	0.112 (0.081)	0.122 (0.081)	0.109 (0.082)
10 to 12 Days Before	0.038 (0.066)	0.040 (0.072)	0.040 (0.071)	0.050 (0.076)	0.050 (0.079)	0.038 (0.066)	0.040 (0.072)	0.040 (0.071)	0.050 (0.076)	0.050 (0.079)	0.134 (0.083)	0.132 (0.082)	0.136 (0.084)	0.138 (0.085)	0.133 (0.084)
7 to 9 Days Before	-0.010 (0.089)	-0.012 (0.088)	-0.010 (0.090)	-0.004 (0.092)	-0.010 (0.097)	-0.010 (0.089)	-0.012 (0.088)	-0.010 (0.090)	-0.004 (0.092)	-0.010 (0.097)	0.062 (0.060)	0.067 (0.058)	0.066 (0.058)	0.065 (0.057)	0.063 (0.057)
4 to 6 Days Before	0.122 (0.149)	0.121 (0.147)	0.121 (0.147)	0.122 (0.148)	0.127 (0.160)	0.122 (0.149)	0.121 (0.147)	0.121 (0.147)	0.122 (0.148)	0.127 (0.160)	0.117 (0.083)	0.116 (0.082)	0.117 (0.083)	0.117 (0.083)	0.117 (0.083)
1 to 3 Days After	-0.049 (0.060)	-0.052 (0.064)	-0.051 (0.063)	-0.071 (0.076)	-0.057 (0.063)	-0.049 (0.060)	-0.052 (0.064)	-0.051 (0.063)	-0.071 (0.076)	-0.057 (0.063)	0.074 (0.077)	0.068 (0.072)	0.075 (0.077)	0.073 (0.077)	0.074 (0.076)
4 to 6 Days After	0.019 (0.122)	0.020 (0.123)	0.025 (0.122)	-0.005 (0.129)	0.025 (0.124)	0.019 (0.122)	0.020 (0.123)	0.025 (0.122)	-0.005 (0.129)	0.025 (0.124)	-0.004 (0.057)	-0.005 (0.058)	-0.003 (0.059)	-0.007 (0.059)	-0.005 (0.059)
7 to 9 Days After	0.227 (0.287)	0.220 (0.279)	0.219 (0.278)	0.195 (0.265)	0.244 (0.309)	0.227 (0.287)	0.220 (0.279)	0.219 (0.278)	0.195 (0.265)	0.244 (0.309)	0.043 (0.081)	0.043 (0.081)	0.046 (0.083)	0.038 (0.080)	0.043 (0.081)
10 to 12 Days After	0.091 (0.069)	0.088 (0.069)	0.082 (0.067)	0.053 (0.075)	0.087 (0.071)	0.091 (0.069)	0.088 (0.069)	0.082 (0.067)	0.053 (0.075)	0.087 (0.071)	0.100 (0.074)	0.098 (0.072)	0.103 (0.076)	0.093 (0.075)	0.099 (0.074)
12 or More Days After	0.080 (0.101)	0.076 (0.095)	0.026 (0.057)	0.079 (0.119)	0.082 (0.103)	0.080 (0.101)	0.076 (0.095)	0.026 (0.057)	0.079 (0.119)	0.082 (0.103)	0.027 (0.072)	0.021 (0.071)	0.032 (0.078)	0.022 (0.071)	0.026 (0.072)
N	3019	3014	3019	3019	2848	3019	3014	3019	3019	2848	1830	1830	1830	1830	1830

Notes: The table shows estimates of Incentive effects on daily vaccination rates among state residents from April 19 to July 18, 2021 using daily state-level vaccination data from the Johns Hopkins University. The models adjust for state withdrawal of mask mandates or state emergencies, state-level daily COVID-19 cases, the daily number of doses shipped to the state, and include fixed effects for day, month, and state. Standard errors are clustered by state and are reported in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$.

Appendix Exhibit 9: Description of incentives and links to state governor announcements of incentives (financial and non-financial).

State	Incentive Announced	Incentive Implemented	Incentive Ended	Incentive Program	Description of Incentives	Announcement Link
Alabama ^a	5/7/2021	5/15/2021	5/15/2021		<ul style="list-style-type: none"> The Talladega Superspeedway offered people aged 16 and older who choose to be tested and/or vaccinated the thrill of driving their car or truck on the 2.66-mile track. Drivers and their riders took two laps behind a pace car at highway speed, including the 33-degree-high banks. 	https://www.alabamapublichealth.gov/news/2021/05/07.html
Arkansas	5/25/2021	5/26/2021	7/1/2021		<ul style="list-style-type: none"> Executive branch state agency employees who got at least one dose of the COVID-19 vaccine by July 1 received a \$100 bonus. Starting <u>May 26</u>, Arkansans who got a COVID-19 vaccination could receive a \$20 <u>Arkansas Game</u> and Fish certificate for fishing/hunting licenses or a \$20 <u>lottery</u> ticket that could win a million dollars. 	https://twitter.com/AsaHutchinson/status/1397320938128093184 https://www.healthy.arkansas.gov/images/uploads/pdf/COVID_Vaccine_Incentive_QA_5.26.21.pdf
California	5/27/2021	5/27/2021	7/1/2021	Vax for the Win	<ul style="list-style-type: none"> 10 winners were selected on June 15 to win cash prizes of \$1.5 million each. Any Californian aged 12 or over who had at least one dose of the vaccine were eligible to win — no entry necessary. The funds were put into a savings account until they turn 18, if a minor won. 30 winners were selected on “\$50,000 Fridays.” Fifteen winners were selected on June 4 and fifteen more chosen on June 11 to win a \$50,000 cash prize each. If a minor won, the funds were put into a savings account until they turn 18; The next 2 million Californians who began and completed their COVID-19 vaccinations, were eligible to receive a \$50 virtual prepaid card or a \$50 grocery gift card for Kroger or Albertsons while supplies lasted. On July 1, California gave away 6 vacations, including hotels, food, and entertainment for up to four. <ul style="list-style-type: none"> See the Giants play in <u>San Francisco</u> Enjoy a spa in <u>Palm Springs</u> Say hi to Mickey at Disneyland in <u>Anaheim</u> Watch the Lakers play in <u>Los Angeles</u> Learn to surf in <u>San Diego</u> Plus \$2,000 for expenses. All vaccinated Californians 18 and over were automatically entered to win. 	https://www.gov.ca.gov/2021/05/27/governor-newsom-announces-historic-vax-for-the-win-program-to-get-more-californians-vaccinated-by-june-15/ https://covid19.ca.gov/vax-for-the-win/
Colorado	5/25/2021	6/1/2021	6/30/2021	Colorado Comeback Cash	<ul style="list-style-type: none"> The Colorado Department of Corrections announced it will provide \$500 any of its more than 6,000 staff members who got fully vaccinated against the coronavirus. <u>Colorado Comeback Cash</u> – The Colorado Lottery conducted a random weekly drawing on behalf of the Colorado Department of Health & Environment to identify one vaccinated Colorado resident each week to win a million-dollar cash prize. All Colorado residents age 18 and older who had received at least one dose of COVID-19 vaccine, as determined by eligibility rules, were automatically entered into the drawing. <ul style="list-style-type: none"> Coloradans age 12 to 17 could win \$50,000 toward college tuition or other postsecondary education. Each week for five weeks, five eligible Coloradans were each selected to win a \$50,000 scholarship. Teens who had received at least one dose of a COVID-19 vaccine were eligible for the scholarship drawing. 	https://www.thedenverchannel.com/news/coronavirus/who-wants-to-be-a-millionaire-colorado-offering-five-1m-drawings-for-vaccinated-adults https://covid19.colorado.gov/colorado-comeback-cash https://coloradonewslines.com/briefs/want-to-win-1m-you-could-if-youre-vaccinated-in-colorado/
Connecticut	4/26/2021	5/19/2021	4/26/2021	#CTSummer OnUs	<ul style="list-style-type: none"> The <u>Connecticut Restaurant Association</u> partnered with Governor Ned Lamont and the State of Connecticut to launch the #CTDrinksOnUs campaign, where participating Connecticut restaurants offered complimentary drinks to vaccinated patrons beginning May 19. <u>#CTSummer OnUs</u>: Residents could enjoy events held across the state and possibly free food in certain restaurants and venues. #CTSummerOnUs included the following initiatives: 	https://www.fox61.com/article/news/health/coronavirus/vaccine/ct-launches-summer-on-us-incentive-to-reward-vaccinated-people/520-

					<ul style="list-style-type: none"> ○ Make A Splash, Get Vaxxed: Those who got their first dose at a DPH Van clinic, received a ticket to big name concerts. ○ Rock the Shot initiative - people who had already been vaccinated or got vaccinated at an upcoming clinic could receive free tickets to popular concerts. ○ CT Food On Us: Free food when vaccinated at select special events, including: ○ Food trucks at the Long Wharf Pier in New Haven ○ CT Fun On Us: Free admission and perks when vaccinated at special events across CT, including: ○ Hartford Yard Goats - pledged free tickets for people vaccinated at their games ○ Beardsley Zoo ○ Mystic Aquarium - free admission ○ CT Science Center - free admission ○ Quassy Amusement Park - free admission ○ Mystic Seaport ○ Maritime Aquarium 	477f8eb8-048c-4691-8d22-0ef6423eafb9
Delaware	5/25/2021	5/25/2021	6/29/2021	DE Wins	<ul style="list-style-type: none"> • <u>Delaware</u> officials offered to inmates five days of good time credits, a free video visit, snack bag or a special meal, and an opportunity to be scheduled first for in-person visitations when they resumed. • <u>DE Wins</u>: <ul style="list-style-type: none"> ○ Delawareans 12 to 17 who received a vaccine in Delaware were entered into a raffle for a full scholarship to a Delaware university. ○ Delawareans 18 and older vaccinated in Delaware between May 25 and June 29 had the opportunity to win cash prizes. ○ Other prizes included tickets to Firefly, four-day vacations at destinations in Delaware, a dart pass for a year, and free tolls within the state of Delaware. ○ All Delawareans who had been vaccinated in Delaware were eligible to win \$302,000 and two low-number license plates. • Delaware officials offered to reimburse bars, restaurants, and shops that offered discounts, freebies or other incentives to customers who get vaccinated. 	https://apnews.com/article/health-dover-delaware-coronavirus-pandemic-prisons-23a9561552bde1feec73e88e2e73705e https://dewins.org/
Hawaii	06/04/2021			#HiGotVaccinated	<ul style="list-style-type: none"> • At a 70% vaccination rate, all restrictions were to be terminated, including social gatherings, travel restrictions, and restaurant capacity limits. • <u>#HiGotVaccinated</u>: Residents who received at least one COVID-19 vaccination shot of Moderna or Pfizer or Johnson & Johnson, were eligible to enter from any island/county in Hawaii. Prizes include: <ul style="list-style-type: none"> ○ 100,000 HawaiianMiles courtesy of Hawaiian Airlines (10 prizes) ○ 50 roundtrip tickets courtesy of Southwest ○ 1 million Marriot Bonvoy points courtesy of Marriot Bonvoy (10 prizes) ○ Two roundtrip tickets courtesy of American Airlines (4 prizes) ○ One-year auto lease on a quality SUV or Sedan courtesy of AutoSource Hawaii ○ \$6,000 gift card to Zippy's courtesy of Zippy's (1 prize) ○ Kahala Hotel & Resort Staycation Package courtesy of The Kahala Hotel & Resort ○ Vacations Hawaii Vegas Package for Two courtesy of Vacations Hawaii ○ Kailua Town Adventure Package courtesy of Alexander & Baldwin ○ A pair of roundtrip tickets courtesy of Alaska Airlines (4 prizes) ○ Snacks for a Year courtesy of Enjoy Snacks/KTM ○ Pizza for a Year courtesy of Papa John's (3 prizes) 	https://twitter.com/GovHawaii/status/1402074100701417472

					<ul style="list-style-type: none"> ○ One-day ticket and reserved area courtesy of Wet n' Wild Hawaii (20 tickets) ○ Hand painted giclee print, "Hanauma Bay", valued at \$1152 courtesy of artist Thomas Deir ○ \$1,000 worth of ChefZone gift certificates courtesy of ChefZone ○ \$1,000 in catering from L&L Hawaiian Barbecue courtesy of L&L Hawai'i ○ \$1,000 gift certificate courtesy of the Pearl City Shopping Center ○ Dinner for 6 courtesy of Merriman's ○ Two \$500 gift cards courtesy of Elite Discount Furniture ○ \$1,000 gift card courtesy of NAPA Auto Parts ○ \$1,000 in gift cards courtesy of Maui Keto Treats (10 prizes) 	
Idaho ^a	06/16/2021				<ul style="list-style-type: none"> • State employees received 4 hours of paid leave if they had received or chose to receive the vaccine. 	https://twitter.com/GovernorLittle/status/1405204120001159173
Illinois	6/17/2021	7/1/2021		All in for the Win	<ul style="list-style-type: none"> • Illinois gave out 50,000 free Six Flags tickets to anyone who had been vaccinated through a partnership with Six Flags Great America payment. • The program's \$10 Million pool of prize money was funded by federal grants • The \$1 million drawing on July 8 was among three \$1 million jackpots and 40 \$100,000 cash prizes. After July 8, three winners of \$100,000 cash prizes were chosen every Monday between July 12 and August 16 from a statewide pool. • A total of \$7 million in cash prizes were handed out and \$3 million in scholarships for children between 12 and 17 years old. • The first draw rewarded one vaccinated Illinoisan with \$1 million and three vaccinated youth with \$150,000 in scholarships. • Residents who received at least one dose of the COVID-19 vaccine in Illinois (except for vaccines administered at certain federal facilities) were eligible to win. • Eligible residents were automatically entered into the lotteries. There were no sign ups, no forms, and no waiting lines. 	https://www2.illinois.gov/Pages/news-item.aspx?ReleaseID=23449 https://chicago.suntimes.com/coronavirus/2021/6/17/22538789/illinois-vaccine-lottery-program-pritzker-coronavirus-covid-19-variant
Indiana	5/10/2021	5/10/2021			<ul style="list-style-type: none"> • State health officials announced that anyone who got vaccinated at specially designated sites would receive a box of Girl Scout cookies along with the shot. 	https://www.indystar.com/story/news/health/2021/05/10/indiana-covid-19-vaccine-clinics-girl-scout-cookies-near-me/5026809001/ https://events.in.gov/event/health_department_to_offer_free_cookies_at_vaccination_sites_following_donation_by_girl_scouts_of_central_indiana
Kentucky	6/4/2021	6/4/2021	8/25/2021	Shot At A Million	<ul style="list-style-type: none"> • The Kentucky Lottery announced on May 10 that, people 18 or older who got a first or second dose of the vaccine at a Kroger or Walmart location would receive a coupon for a free Cash Ball 225 ticket. • Shot At A Million: Kentuckians 18 years old and older who had received at least their first dose of a Moderna or Pfizer or the one-dose Johnson & Johnson COVID-19 vaccine, could enter to win one of three \$1 million drawings. • Kentuckians 12 to 17 years old who had received at least their first dose of the Pfizer COVID-19 vaccine could enter to win one of 15 full scholarships to a Kentucky public college, university, technical or trade school, which included tuition, room-and-board, and books. 	https://kentucky.gov/Pages/Activity-Stream.aspx?n=GovernorBeshear&prId=810 https://www.whio.com/news/local/kentucky-launches-covid-19-vaccine-lottery-with-1-million-prizes-scholarship-opportunities/PDXE5ADJ7FCUNAEF3CPK5LKJPA/

						https://govstatus.egov.com/shot-at-a-million-home
Louisiana	6/17/2021	6/21/2021	7/31/2021	ShotAMillion	<ul style="list-style-type: none"> • Shot for a Shot: Participating businesses provided a free alcoholic or non-alcoholic drink to people who could prove they had been fully vaccinated within the previous seven days. • Vaccinated individuals could gain free entry into all of Louisiana’s 21 State Parks through July 31. This offer was available to all visitors from Louisiana and elsewhere who had been vaccinated, no matter when they got their shot. The offer did not extend to tour groups. • <u>ShotAMillion</u>: The Louisiana Department of Health offered the chance to win \$100,000 every week starting July 9th and a grand prize of \$1,000,000 at the end of the month to all Louisiana residents ages 18+ who had chosen to receive at least one dose of the COVID-19 vaccine. Louisiana residents ages 12-17 who had gotten at least one dose of the vaccine were eligible to win one of nine \$100,000 scholarships. 	https://gov.louisiana.gov/index.cfm/newsroom/detail/3216 https://gov.louisiana.gov/index.cfm/newsroom/detail/3169
Maine	6/16/2021	6/16/2021	7/4/2021	Your Shot to Get Outdoors; Don’t Miss Your Shot	<ul style="list-style-type: none"> • Any Maine resident age 18 and older who got their first shot of a Pfizer or Moderna, or the single-shot Johnson & Johnson vaccine in Maine qualified to receive one of the rewards below: <ul style="list-style-type: none"> ○ Fishing License: The Maine Department of Health and Human Services purchased up to 5,000 year-2021 fishing licenses for Maine residents from the Maine Department of Inland Fisheries and Wildlife. ○ Hunting License: The Maine Department of Health and Human Services purchased up to 5,000 year-2021 hunting season licenses for eligible Maine residents from the Maine Department of Inland Fisheries and Wildlife. Eligible Maine residents included those who had completed a hunter safety course, had previously held a license, and were not felons. ○ Maine Wildlife Park Pass: The Maine Department of Health and Human Services purchased up to 5,000 passes to the Maine Wildlife Park in Gray, for admission through the 2021 season, from the Maine Department of Inland Fisheries and Wildlife. One pass allowed admission for up to two people. ○ Maine State Park Day Pass: The Maine Department of Health and Human Services purchased up to 5,000 day passes for Maine residents to Maine State Parks through the Maine Department of Agriculture, Conservation and Forestry. The passes could be used through June 15, 2021. One pass allowed admission for one vehicle. ○ L.L. Bean Gift Card: The Maine Department of Health and Human Services purchased up to 10,000 \$20 gift cards from L.L. Bean for use at their stores. ○ Sea Dogs Admission Ticket: The Maine Department of Health and Human Services purchased up to 5,000 tickets from the Portland Sea Dogs, the Double-A affiliate of the Boston Red Sox, for baseball games at Hadlock Field in Portland for 2021 regular season. ○ Oxford Plains Speedway Pass: The Maine Department of Health and Human Services purchased from Oxford Plains Speedway up to 5,000 tickets for weekly events in the 2021 racing season. • <u>Don’t Miss Your Shot</u>: Vaccination and Sweepstakes, a statewide COVID-19 vaccination incentive program rewarded one vaccinated winner with \$1 for every person vaccinated in Maine by July 4. The program was available for those 12 and older. Registration was required. The final prize was \$896,809 on July 04. 	https://www.maine.gov/governor/mills/news/mills-administration-launches-dont-miss-your-shot-vaccinationland-sweepstakes-2021-06-16 https://govstatus.egov.com/me-sweepstakes-home https://www.maine.gov/covid19/vaccines/getoutdoors
Maryland	5/20/2021		7/4/2021	VaxToWin	<ul style="list-style-type: none"> • The state offered a \$100 financial incentive to state employees who elected to receive the COVID-19 vaccine. To receive the incentive, employees had to provide their HR office with proof of vaccination and agreed to receive all subsequent CDC-recommended booster 	https://www.baltimoresun.com/coronavirus/bs-md-vaccine-lottery-cash-promotion-20210520-

					<p>vaccinations within 18 months of being fully vaccinated. The incentive was retroactive, so that all state employees who had already been fully vaccinated also received the \$100 incentive payment.</p> <ul style="list-style-type: none"> • VaxToWin: A partnership between the Maryland Lottery and the Maryland Health Department to provide \$2 million in prize money for Marylanders who get vaccinated. 	<p>2hrprtbqvbhzb7yu4tcim3tde-story.html https://governor.maryland.gov/2021/05/03/governor-hogan-announces-financial-incentive-program-for-state-employees-to-encourage-covid-19-vaccinations/ https://www.mdlottery.com/promotion/2-million-vaxcash-promotion/</p>
Massachusetts	6/15/2021	7/1/2021	8/27/2021	Mass VaxMillions	<p>Fully vaccinated residents who were 18 or older had a chance to win one of the five \$1 million prizes, while those between the ages of 12 and 17 were eligible to win one of five \$300,000 scholarship grants.</p>	<p>https://www.mass.gov/news/commonwealth-launches-mass-vaxmillions-vaccine-lottery-program https://vaxmillionsgiveaway.com/</p>
Michigan	7/1/2021	7/1/2021	8/3/2021	MI Vacc to Normal; MI Shot to Win	<ul style="list-style-type: none"> • Once the state documented that 70 percent of the eligible population received at least one dose, its orders on masks and limitations for public and private gatherings would be dropped. • MI Shot to Win: Residents aged 18 and older who had received one dose of vaccine were eligible to register for a combined total of \$5 million in cash giveaways: <ul style="list-style-type: none"> ○ \$1 million drawing, open to all eligible persons who had received at least one dose of a COVID-19 vaccination between December 1, 2020, and July 10, 2021. ○ \$2 million drawing, open to all eligible persons who had received at least one dose of a COVID-10 vaccination between December 1, 2020 and July 30, 2021. ○ \$50 thousand daily drawing, open to all eligible persons who had received the first dose of the COVID-19 vaccination on the date corresponding to the \$50k daily drawing. The deadline to enter the daily drawing was 11:59pm ET the day prior to the drawing. ○ Scholarship Drawings, open to all eligible persons who had received at least one dose of a COVID-19 vaccination between December 1, 2020, and July 30, 2021. 	<p>https://www.wlns.com/news/gov-whitmer-to-announce-vaccine-incentivemi-shot-to-win-sweepstakes/ https://www.mishottowin.com/</p>
Minnesota	5/28/2021	5/31/2021	6/30/2021	Your Shot to Summer; Cheers to the Vaccine	<ul style="list-style-type: none"> • Your Shot to Summer: Minnesotans who get vaccinated between Memorial Day weekend through of June 30 were eligible to choose a reward from nine different options. <ul style="list-style-type: none"> ○ The incentives were state park passes, fishing licenses, and tickets to fairs and amusement parks. There was also the possibility to receive a \$25 Visa card. • Cheers to the Vaccine: Minnesotans 21 years of age and older who had received at least one COVID-19 vaccine dose were eligible for a free or discounted drink at participating establishments starting May 28 through June 30. 	<p>https://www.cbsnews.com/news/tim-walz-minneosta-covid-vaccine-incentives/</p>
New Jersey	5/3/2021	5/3/2021	7/4/2021	Shot and a Beer; Vax and Visit	<ul style="list-style-type: none"> • Shot and a Beer: In partnership with the Brewer’s Guild of New Jersey, the Governor’s Office launched the “Shot and a Beer” program to encourage eligible New Jerseyans ages 21 and over to get vaccinated. <ul style="list-style-type: none"> ○ New Jerseyans who got their first vaccine dose in the month of May and took their vaccination card to a participating brewery received a free beer, courtesy of the participating brewery. The program ended on May 31. • Vax and Visit: Beginning May 27 through July 4, the New Jersey Department of Environmental Protection offered a State Parks Vax Pass – allowing free access to State parks, including Island Beach State Park – which were good through Dec. 31, 2021. 	<p>https://nj.gov/governor/news/news/562021/approved/20210519a.shtml https://twitter.com/GovMurphy/status/1389269510612467716?s=20 https://covid19.nj.gov/forms/dinner</p>

					<ul style="list-style-type: none"> Residents who get vaccinated before the end of May, including anyone who has received their shots in the preceding five-plus months, were also <u>eligible to have dinner with Murphy and first lady Tammy Snyder Murphy</u>. 	
New Mexico	6/1/2021			Vax 2 the Max Sweepstakes	Five weekly drawings awarded one \$250,000 winner from each of the state’s four public health regions, for a total of \$1 million in cash prizes each week. A grand prize of \$5 million will be awarded at the conclusion of the sweepstakes, in early August, to one winner drawn from the statewide pool of vaccinated New Mexicans who have opted into the sweepstakes.	https://apnews.com/article/new-mexico-coronavirus-pandemic-government-and-politics-health-7bf8deb0e195f324b3e008b5ef7e3a39 https://getthefacts.vaccinenm.org/sweepstakes/ https://www.nytimes.com/2021/06/01/us/new-Mexico-vaccine-prizes.html
New York ^a	5/20/2021	5/7/2021	6/17/2021	Get a Shot to Make Your Future	<ul style="list-style-type: none"> Governor Andrew Cuomo began a promotion that would provide free tickets to Mets games from May 24 through June 17 and to <u>Yankee</u> games from May 7 through June 6 for newly vaccinated people, along with another promotion that gave residents <u>free weekly subway passes</u>. The governor also announced a <u>Vaccination program</u> that provided free NYS Lottery scratch-off tickets to individuals 18 and over with a grand prize of \$5 million. Every person who received the COVID-19 vaccine, either a first dose or single dose of Johnson & Johnson, anywhere in New York State that week were eligible to receive a free two-day pass to any <u>state park</u>. <u>The State</u> partnered with six public transportation providers in Upstate New York to incentivize more New Yorkers to get vaccinated. The six providers covered the Capital, Finger Lakes, Central New York, and Southern Tier regions. Anyone who received their first dose of Pfizer or Moderna, or the single-dose Johnson & Johnson vaccine at any provider in New York State between June 15 and July 14 and presented proof of vaccination at a participating transportation redemption center no later than July 14 received an unlimited seven-day public transportation pass for a participating provider’s transit network. <u>Get a Shot to Make Your Future</u>: Parents or legal guardians of any New Yorker, ages 12 to 17, could enter their child who had received at least their first COVID-19 vaccine dose, for a chance to win one of 50, four-year full-ride scholarships (including tuition, fees, room-and-board, and expenses) to any New York State public college or university. 	https://www.governor.ny.gov/news/governor-cuomo-announces-new-vax-scratch-program-providing-lottery-tickets-prizes-5-million https://www.nytimes.com/2021/05/26/nyregion/new-york-covid-vaccine-college.html
Nevada	6/17/2021	7/8/2021	8/26/2021	Vax Nevada Days	<ul style="list-style-type: none"> As part of a public health initiative, the Nevada Office of the Governor and Department of Health and Human Services partnered with Immunize Nevada and IGT Global Solutions Corporation (IGT) (the “Program”) to launch “Vax Nevada Days” to encourage Nevadans to receive the COVID-19 vaccine (the “Project”). Each week of Vax Nevada Days the Project conducted random drawings to identify vaccinated Nevada residents as winners of cash, post-secondary education saving plans, state parks annual permits or fishing licenses (the “Promotion”). Winners were announced weekly starting July 8, 2021, with the winner of the Grand Prize of \$1,000,000 announced on August 26, 2021. Vaccinated Nevada residents had nearly 2,000 opportunities to win. 	https://www.ktvn.com/story/44124792/nevada-governor-sisolak-to-announce-covid19-vaccine-incentive-program https://gov.nv.gov/News/Press/2021/State_of_Nevada_Announces_Vax_Nevada_Days_with_\$5_Million_in_Prizes/ https://www.vaxnevadadays.org/
North Carolina	6/10/2021	6/23/2021	8/4/2021	\$4 Million Summer Cash; Summer Cash 4 College	<ul style="list-style-type: none"> North Carolinians 18 and over who had received at least one dose of a COVID-19 vaccine were automatically entered into four drawings for a chance to win a \$1 million cash prize. <ul style="list-style-type: none"> Youth between the ages of 12 and 17 who had received at least one dose of the COVID-19 vaccine were automatically entered into four drawings to win \$125,000 towards post-secondary education. The \$125,000 could be used at any post-secondary institution. 	https://www.wncn.com/article/news/health/coronavirus/vaccine/north-carolina-roy-cooper-vaccine-incentive-cash-drawing-lottery/275-

					<ul style="list-style-type: none"> From May 26 through June 8, select vaccine sites offered Summer Cash Cards in Mecklenburg, Guilford, Rowan, and Rockingham counties. Anyone 18 and older who got their first dose of a COVID-19 vaccination — or drove someone to their vaccination — received a \$25 cash card after vaccination at a participating location while supplies lasted. <ul style="list-style-type: none"> Cards were for the first dose only for both the person being vaccinated and the driver. 	d1e2a2d9-4ffb-46ca-9238-6796a695c9ad https://covid19.ncdhhs.gov/summer-vaxcash
Ohio	5/17/2021	5/26/2021	6/23/2021	Ohio Vax-a-Million	<ul style="list-style-type: none"> Ohioans aged 18 and older were entered into “Ohio Vax-a-Million,” a weekly drawing with a prize of up to \$1 million. <ul style="list-style-type: none"> A total of five weekly drawings for each prize took place, with the first winners announced on May 26. Winners must have received at least one dose of a COVID-19 vaccine by the date of their respective drawing. Ohioans 17 and under who were eligible to receive a COVID-19 vaccination were entered into a drawing for a full, four-year scholarship to any of Ohio’s state colleges and universities, including full tuition, room and board, and books. <ul style="list-style-type: none"> A total of five weekly drawings for a full, four-year scholarship took place, with the first winner announced on May 26. 	https://coronavirus.ohio.gov/wps/portal/gov/covid-19/resources/news-releases-news-you-can-use/covid-19-update-05-13-21 https://www.nytimes.com/2021/05/12/us/ohio-lottery-coronavirus-vaccine.html
Oregon	5/21/2021	5/21/2021	6/27/2021		<ul style="list-style-type: none"> <u>Oregonians</u> 18 and older had the chance to win \$1 million or one of 36 prizes of \$10,000 – with one winner in each county in Oregon. Oregonians age 12 to 17 will had a chance to win one of five \$100,000 Oregon College Savings Plan scholarships. All Oregonians who had received at least one dose of a COVID-19 vaccine by the draw date were entered to win. Portland Timbers and Thorns gave away an Oregon travel prize at three home games to encourage Oregonians to get vaccinated. The travel prizes, being offered through <u>Travel Oregon</u>, were valued at up to \$2,000 and include lodging, accommodations, dining, and activities for two at iconic Oregon travel destinations. <ul style="list-style-type: none"> Example travel prizes included 3-night ski trips to Mt. Hood or Mt. Bachelor, kayaking on the Oregon Coast, a visit to Ashland for the Oregon Shakespeare Festival, and a wine tour of the Willamette Valley. All present were eligible to win. 	https://drive.google.com/file/d/1_JL-QvWkig0OMY9FFG3MB58cbJnFPJDF/view https://www.oregon.gov/gov/Documents/Take%20Your%20Shot%20Oregon.pdf
Washington	6/3/2021	6/8/2021	7/11/2021	Shot of a Lifetime; Joint for Jobs	<ul style="list-style-type: none"> The Washington State Lottery conducted a giveaway series during the month of June, working with state agencies, technology companies, sports teams, and higher education institutions across the state to offer a myriad of different prizes to vaccinated individuals. The incentives included: <ul style="list-style-type: none"> Lottery cash drawings, with prizes totaling \$2 million Higher education tuition and expense assistance Sports tickets and gear Gift cards Airline tickets Game systems and smart speakers State Liquor and Cannabis board announced that it would allow marijuana retailers to provide customers who are 21 or older with a prerolled joint at their stores when they received their first or second dose at an active vaccine clinic. 	https://www.governor.wa.gov/news-media/inslee-announces-vaccination-incentives https://www.nytimes.com/2021/06/07/us/washington-marijuana-covid-vaccine.html https://walottery.com/vaccination
West Virginia	6/1/2021	6/16/2021	8/1/2021	Do it for Babydog: Save a Life, Change a life	<ul style="list-style-type: none"> West Virginia offered a \$100 savings bond or \$100 gift card to anyone between the ages of 16 to 35 who received a COVID-19 vaccine. Money for this incentive came from federal CARES Act funding. <u>Do it for Babydog: Save a Life, Change a life</u>: The giveaway included a \$1.588 million grand prize, a \$588,000 second prize, weekly drawings for \$1 million, full scholarships to any West Virginia state college or university, custom-outfitted trucks, weekend vacations at state parks, lifetime hunting and fishing licenses, custom hunting rifles and custom hunting shotguns. 	https://governor.wv.gov/News/press-releases/2021/Pages/COVID-19-UPDATE-Gov.-Justice-officially-announces-Do-it-for-Babydog-vaccination-lottery;-registration-to-open-Friday.aspx https://www.nytimes.com/2021/04/26/world/west-virginia-vaccine-

					<ul style="list-style-type: none"> ○ West Virginians 12 to 17 years of age, who had received at least their first dose of the Pfizer COVID-19 vaccine, could enter for a chance to win one of five, four-year full-ride scholarships, including room-and-board, tuition, and books, to any West Virginia state college or university. ● West Virginians 18 years of age and older, who had received at least their first COVID-19 vaccine by receiving the Pfizer or Moderna or the single dose Johnson & Johnson vaccine, had a chance to win one of several large prizes. 	savings-bonds.html?searchResultPosition=1 https://governor.wv.gov/News/pres-s-releases/2021/Pages/Gov.-Justice-announces-first-Do-it-for-Babydog-vaccine-lottery-millionaire-and-other-prize-winners.aspx
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Notes: Data on state incentives was collected by the national Governors Association ³ and accessed on July 18, 2021 (<https://www.nga.org/center/publications/covid-19-vaccine-incentives/>). All information was verified from state government websites, New York Times, and authors search of grey literature. ^a Although listed by the National Governors Association as states that announced incentives, on further analysis, the states of Alabama, Idaho and New York were not included in the treatment group as the incentives were not available to residents statewide. Despite the fact that in Idaho and New York, the governors announced the incentives, people from all over the state would not be able to benefit from the incentives. Hence these states were considered as control states in all models.

Appendix Endnotes

1. COVID-19 data. Johns Hopkins University; 2020. <https://coronavirus.jhu.edu/about/how-to-use-our-data>. Accessed 07/17/2021.
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3. Roy B, Leblanc M. *COVID-19 Vaccine Incentives*. National Governors Association; 07/01/2021 2021.
4. Join in the Race to End COVID with testing and vaccination event at Talladega Superspeedway; Participants offered a free drive on the track May 15 [press release]. Alabama Department of Public Health, 05/07/2021 2021.
5. Little B. This morning, I informed Idaho state employees we're offering them a new benefit – four hours of paid leave if they have received or choose to receive the safe and effective COVID-19 vaccine! The new benefit comes at no additional cost to Idaho taxpayers. In: GovernorLittle, ed. *This morning, I informed Idaho state employees we're offering them a new benefit – four hours of paid leave if they have received or choose to receive the safe and effective COVID-19 vaccine! The new benefit comes at no additional cost to Idaho taxpayers*. 11:42 ed: Twitter; 2021.
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8. Lyu W, Wehby GL. Community Use Of Face Masks And COVID-19: Evidence From A Natural Experiment Of State Mandates In The US. *Health Affairs*. 2020;39(8):1419-1425.