

Supplemental Online Content

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This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1. Hospitalization for acute cardiovascular disease (CVD) events in the 5 days following the 2020 presidential election to the same days of the week before the election, by KP region.

	November 4-8 (Risk Window)			October 21-25 (Control Window)			Rate Ratio (95% CI)	P-Value
	Events, N	Person- Years	Rate per 100,000 person-years	Events, N	Person- Years	Rate per 100,000 person-years		
All CVD								
KPSC	389	44,357.19	876.972	312	44,469.78	701.600	1.25 (1.08, 1.45)	0.207
KPNC	277	43,220.63	640.900	257	43,342.68	592.950	1.08 (0.91,1.28)	
AMI								
KPSC	96	44,357.19	216.425	63	44,469.78	141.669	1.53 (1.11, 2.10)	0.533
KPNC	83	43,220.63	192.040	63	43,342.68	145.35	1.32 (0.95,1.83)	
Stroke								
KPSC	176	44,357.19	396.779	154	44,469.78	346.303	1.14 (0.92, 1.42)	0.079
KPNC	89	43,220.63	205.920	107	43,342.68	246.87	0.83 (0.63,1.10)	
HF								
KPSC	130	44,357.19	293.075	109	44,469.78	245.110	1.19 (0.93, 1.54)	0.884
KPNC	109	43,220.63	252.190	94	43,342.68	216.880	1.16 (0.88,1.53)	

Abbreviations: AMI, acute myocardial infarction; CI, confidence interval; CVD, cardiovascular disease; HF, heart failure; KPNC, Kaiser Permanente Northern California; KPSC, Kaiser Permanente Southern California

eTable 2. Hospitalization for acute cardiovascular disease (CVD) events in the 5 days following the 2020 presidential election (November 4-8) to the same days of the week two and three weeks before the election (October 14-18 and 21-25).

	November 4-8 (Risk Window)			October 14-18 & 21-25 (Control Window)			Rate Ratio (95% CI)	P-value
	Events, N	Person-Years	Rate per 100,000 person-years	Events, N	Person-Years	Rate per 100,000 person-years		
Overall	666	87,577.82	760.47	1,132	175,599.13	644.65	1.18 (1.09, 1.30)	
Age, years								
18-54	87	54,345.96	160.09	139	109,068.75	127.44	1.26 (0.96, 1.64)	0.32
55-74	278	25,964.30	1,070.7	514	51,988.20	988.69	1.08 (0.94, 1.25)	
75+	301	7,267.56	4,141.69	479	14,542.18	3,293.87	1.26 (1.09, 1.45)	
Sex								
Male	388	40,721.97	952.80	606	81,684.27	741.88	1.28 (1.13, 1.46)	0.05
Female	278	46,855.85	593.31	526	93,914.86	560.08	1.05 (0.92, 1.23)	
Race/Ethnicity								
Asian/Pacific Islander	87	14,828.56	586.71	155	29,703.92	521.82	1.12 (0.86, 1.46)	0.80
Black	89	6,922.46	1,285.67	157	13,877.62	1,131.32	1.14 (0.88, 1.47)	
Hispanic	150	28,771.25	521.35	270	57,641.41	468.41	1.11 (0.92, 1.36)	
Other	4	887.27	450.82	10	1,779.20	562.05	--	
White	336	36,168.29	928.99	540	72,596.97	743.83	1.25 (1.09, 1.43)	

Abbreviation: CI, confidence interval

*Other race/ethnicity includes Native American Alaskan, multiple ethnicities, and those not specified as above.

eTable 3. Hospitalization for acute myocardial infarction, stroke, and heart failure in the 5 days following the 2020 presidential election (November 4-8) to the same days of the week two and three weeks before the election (October 14-18 and 21-25).

	November 4-8 (Risk Window)			October 14-18 & 21-25 (Control Window)			Rate Ratio (95% CI)
	Events, N	Person-Years	Rate per 100,000 person-years	Events, N	Person-Years	Rate per 100,000 person-years	
AMI	179	87,577.82	204.39	279	175,599.13	158.89	1.29 (1.07, 1.55)
Stroke	265	87,577.82	302.59	500	175,599.13	284.74	1.06 (0.92, 1.23)
Heart Failure	239	87,577.82	272.90	383	175,599.13	218.11	1.25 (1.06, 1.47)

Abbreviation: AMI, acute myocardial infarction; CI, confidence interval

eTable 4. Hospitalization for acute cardiovascular disease (CVD) events in the 5 days following the 2020 presidential election to the same days of the week before the election— excluding patients with COVID-19 during the same encounter.

	November 4-8 (Risk Window)			October 21-25 (Control Window)			Rate Ratio (95% CI)	P-value
	Events, N	Person-Years	Rate per 100,000 person-years	Events, N	Person-Years	Rate per 100,000 person-years		
Overall	654	87,577.82	746.76	561	87,812.46	638.86	1.17 (1.04, 1.31)	
Age, years								
18-54	85	54,345.96	156.41	67	54,533.92	122.86	1.27 (0.92, 1.75)	0.11
55-74	273	25,964.30	1051.44	268	26,000.44	1,030.75	1.02 (0.86, 1.21)	
75+	296	7,267.56	4,072.89	226	7,278.1	3,105.21	1.31 (1.10, 1.56)	
Sex								
Male	382	40,721.97	938.07	295	40,848.65	722.18	1.30 (1.12, 1.51)	0.04
Female	272	46,855.85	580.50	266	46,963.81	566.39	1.02 (0.87, 1.21)	
Race/Ethnicity								
Asian/Pacific Islander	85	14,828.56	573.22	84	14,854.03	565.50	1.01 (0.74, 1.37)	0.53
Black	88	6,922.46	1,271.23	83	6,939.75	1,196.01	1.06 (0.79, 1.44)	
Hispanic	146	28,771.25	507.45	128	28,826.69	444.03	1.14 (0.90, 1.45)	
Other	4	887.27	450.82	6	889.91	674.23	--	
White	331	36,168.29	915.17	260	36,302.09	716.21	1.28 (1.09, 1.50)	

Abbreviation: CI, confidence interval

*Other race/ethnicity includes Native American Alaskan, multiple ethnicities, and those not specified as above.

eTable 5. Hospitalization for acute myocardial infarction, stroke, and heart failure following the 2020 presidential election compared to the same days of the week before the election– excluding patients with COVID-19 during the same encounter.

	November 4-8 (Risk Window)			October 21-25 (Control Window)			Rate Ratio (95% CI)
	Events, N	Person-Years	Rate per 100,000 person-years	Events, N	Person-Years	Rate per 100,000 person-years	
AMI	177	87,577.82	202.106	123	87,812.46	140.071	1.44 (1.15, 1.82)
Stroke	257	87,577.82	293.453	256	87,812.46	291.53	1.01 (0.85, 1.20)
Heart Failure	237	87,577.82	270.616	202	87,812.46	230.036	1.18 (0.98, 1.42)

Abbreviation: AMI, acute myocardial infarction; CI, confidence interval