	Lung.Hospitalizations
Year	50***
	(3.4)
Vaping.Ban	-30,620
	(25,442)
Year # Vaping.Ban	13
	(13)
State.Id=1	0
	(.)
State.Id=2	-203
	(162)
State.Id=3	229
	(162)
State.Id=4	54
	(162)
State.Id=5	484***
	(162)
State.Id=6	412**
	(162)
State.Id=7	465***
	(162)
State.Id=8	454***
	(162)
State.Id=9	971***
	(162)
State.Id=10	633***
	(162)
State.Id=11	970***
	(162)
State.Id=12	1,002***
	(162)
State.Id=13	1,093***
	(162)
State.Id=14	1,226***
	(162)
State.Id=15	1,360***
	(162)
State.Id=16	1,257***
	(162)
State.Id=17	1,482***
	(162)
State.Id=18	1,820***
	(162)

State.Id=19	1,599***
	(162)
State.Id=20	1,774***
	(162)
State.Id=21	2,079***
	(162)
State.Id=22	1,995***
	(162)
State.Id=23	2,031***
	(162)
State.Id=24	1,977***
	(165)
State.Id=25	2,181***
	(165)
State.Id=26	2,264***
	(165)
State.Id=27	2,457***
	(165)
State.Id=28	2,534***
	(165)
State.Id=29	2,626***
	(165)
State.Id=30	2,737***
	(165)
State.Id=31	2,922***
	(165)
State.Id=32	3,127***
	(165)
State.Id=33	3,098***
	(165)
State.Id=34	3,119***
	(165)
State.Id=35	3,222***
	(165)
State.Id=36	3,286***
	(165)
State.Id=37	3,432***
	(165)
State.Id=38	3,460***
	(165)
State.Id=39	3,747***
	(165)
State.Id=40	3,808***
	(165)

State.Id=41	3,822***
	(165)
State.Id=42	3,959***
	(165)
State.Id=43	3,992***
	(165)
State.Id=44	3,995***
	(165)
State.Id=45	4,160***
	(165)
State.Id=46	4,387***
	(165)
State.Id=47	4,583***
	(165)
State.Id=48	4,623***
	(165)
State.Id=49	4,503***
	(165)
State.Id=50	4,916***
	(165)
Constant	10,204
	(6,946)
Observations	1050
R^2	0.962

Standard errors in parentheses

* $p<0.1$, ** $p<0.05$, *** $p<0.01$

Controlling for state's fixed effect, we do not observe interactive effect between treatment and year, meaning the two trends (ban or no ban) keep parallel, so we can see the treatment data as satisfying "parallel trends" requirement.

Error bars: +/- 1 SE
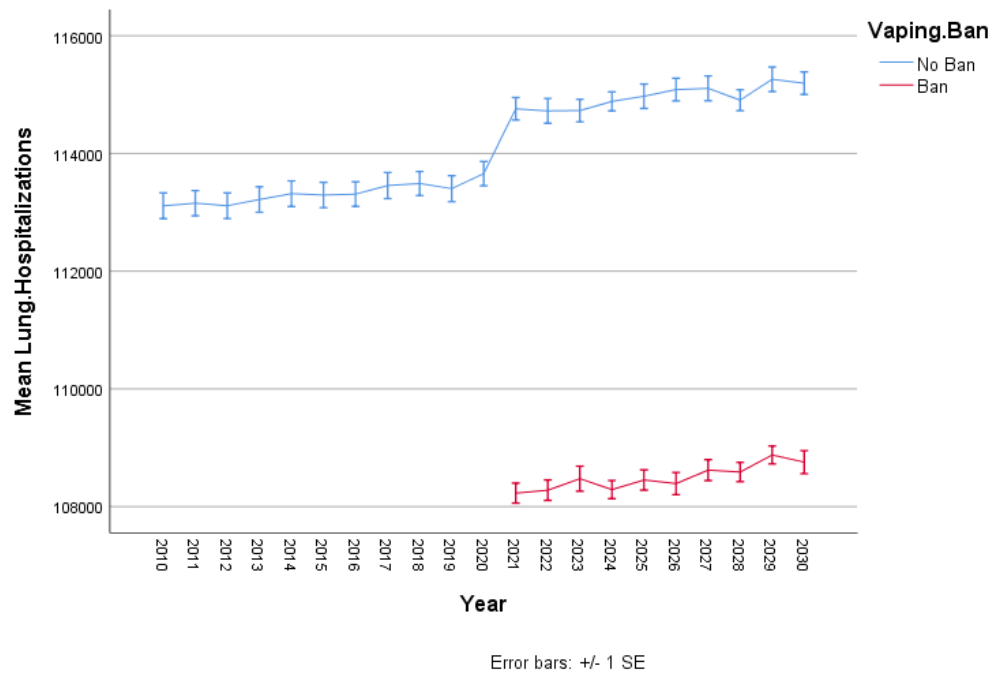
This is the DnD line graph. The blue lines before 2020 represents the average cases of lung hospitalizations each year in one state. The blue lines after 2020 represents the average cases each year in one state without ban law, and the red line represents the average cases each year in one state with ban law.

	Lung.Hospitalizations
Vaping.Ban	-4,030***
	(65)
Year=2010	0
	(.)
Year=2011	44
	(105)
Year=2012	1.1
	(105)
Year=2013	106
	(105)
Year=2014	205*
	(105)
Year=2015	183*
	(105)
Year=2016	198*
	(105)
Year=2017	343***

	(105)
Year=2018	378***
	(105)
Year=2019	291***
	(105)
Year=2020	547***
	(105)
Year=2021	498***
	(110)
Year=2022	502***
	(110)
Year=2023	595***
	(110)
Year=2024	594***
	(110)
Year=2025	716***
	(110)
Year=2026	749***
	(110)
Year=2027	866***
	(110)
Year=2028	742***
	(110)
Year=2029	1,067***
	(110)
Year=2030	975***
	(110)
State.Id=1	0
	(.)
State.Id=2	-203
	(163)
State.Id=3	229
	(163)
State.Id=4	54
	(163)
State.Id=5	484***
	(163)
State.Id=6	412**
	(163)
State.Id=7	465***
	(163)
State.Id=8	454***
	(163)
State.Id=9	971***

	(163)
State.Id=10	633***
	(163)
State.Id=11	970***
	(163)
State.Id=12	1,002***
	(163)
State.Id=13	1,093***
	(163)
State.Id=14	1,226***
	(163)
State.Id=15	1,360***
	(163)
State.Id=16	1,257***
	(163)
State.Id=17	1,482***
	(163)
State.Id=18	1,820***
	(163)
State.Id=19	1,599***
	(163)
State.Id=20	1,774***
	(163)
State.Id=21	2,079***
	(163)
State.Id=22	1,995***
	(163)
State.Id=23	2,031***
	(163)
State.Id=24	1,979***
	(166)
State.Id=25	2,183***
	(166)
State.Id=26	2,266***
	(166)
State.Id=27	2,459***
	(166)
State.Id=28	2,535***
	(166)
State.Id=29	2,627***
	(166)
State.Id=30	2,739***
	(166)
State.Id=31	2,923***

	(166)
State.Id=32	3,128***
	(166)
State.Id=33	3,100***
	(166)
State.Id=34	3,120***
	(166)
State.Id=35	3,224***
	(166)
State.Id=36	3,288***
	(166)
State.Id=37	3,434***
	(166)
State.Id=38	3,462***
	(166)
State.Id=39	3,749***
	(166)
State.Id=40	3,809***
	(166)
State.Id=41	3,823***
	(166)
State.Id=42	3,961***
	(166)
State.Id=43	3,993***
	(166)
State.Id=44	3,996***
	(166)
State.Id=45	4,162***
	(166)
State.Id=46	4,389***
	(166)
State.Id=47	4,585***
	(166)
State.Id=48	4,625***
	(166)
State.Id=49	4,505***
	(166)
State.Id=50	4,918***
	(166)
Constant	110,787***
	(137)
Observations	1050
R^2	0.963

Standard errors in parentheses

* p<0.1, ** p<0.05, *** p<0.01

Controlling for time period fixed effects and state fixed effects, we find significant negative effect of "Vaping" ban laws on lung hospitalizations, suggesting that the law have a positive effect on people's lung health. On average, the law decreases 4,030 lung hospitalizations each year in one state.

Three Additional Question:

49 state-level fixed effects.

The coefficient represents the difference between each state and state 01 (reference state).

Yes I can reject as the I get the significant result from testparm.