**Table 1**: Regression Vaping Ban on Lung Hospitalizations

|  |
| --- |
|  |
| Lung.Hospitalizations |
| Vaping.Ban |
| -5,365\*\*\* |
| (108) |
| Observations |
| 1050 |
| *R*2 |
| 0.702 |
| Standard errors in parentheses |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 |

**Notes**: This table contains regressions predicting number of lung hospitalizations as a function of whether a vaping ban was introduced (1 or 0). Standard OLS standard errors are reported.

Introducing a vaping ban tends to reduce the likelihood of lung hospitalizations (by 5,365 percentage). Fixed effects of state and year are not included in the analysis.

**Table 2**: Regression Vaping Ban on Lung Hospitalizations using State Fixed Effect

|  |
| --- |
|  |
| Lung.Hospitalizations |
| Vaping.Ban |
| -3,509\*\*\* |
| (53) |
| Observations |
| 1050 |
| *R*2 |
| 0.954 |
| Standard errors in parentheses |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 |
|  |

**Notes**: This table contains regressions predicting number of lung hospitalization as a function of whether a vaping ban was introduced (1 or 0). Standard OLS standard errors are reported.

Introducing a vaping ban tends to reduce the likelihood of lung hospitalizations (by 3,509 percentage). Fixed effects of state and year are included in the analysis, but fixed effects of year are not included. Considering the fixed effect of state, the direct impact of vaping ban on lung hospitalization decreases compared to table 1.

**Table 3**: Regression Vaping Ban on Lung Hospitalizations using Year Fixed Effect

|  |
| --- |
| Lung.Hospitalizations |
| Vaping.Ban |
| -6,466\*\*\* |
| (114) |
| Observations |
| 1050 |
| *R*2 |
| 0.773 |
| Standard errors in parentheses |
| \* p<0.1, \*\* p<0.05, \*\*\* p<0.01 |

**Notes**: This table contains regressions predicting number of lung hospitalization as a function of whether a vaping ban was introduced (1 or 0). Standard OLS standard errors are reported.

Introducing a vaping ban tends to reduce the likelihood of lung hospitalizations (by 6,466 percentage). Fixed effects of year are included in the analysis, but fixed effects of state are not included. Considering the fixed effect of year, the direct impact of vaping ban on lung hospitalization increases compared to table 1.

**Figure 1**

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**Notes**: This graph displays the amount of lung hospitalizations over years with blue indicating no vaping bans (0) and red indicating vaping bans (1). For states that introduced vaping bans around 2020, lung hospitalizations decreased significantly.