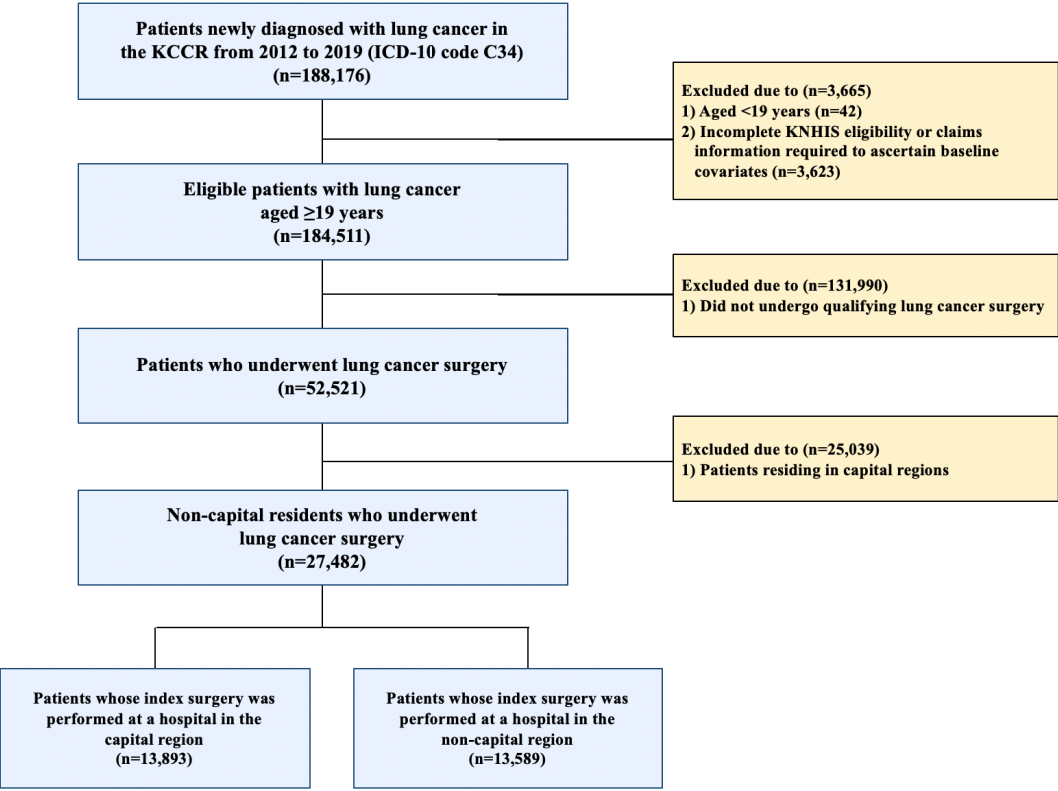


Supplementary



Supplementary Figure 1. Flow diagram of study population selection.

Supplement Table 1: Trends in utilization of capital area medical facilities by individual characteristics among residents in the non-capital region.

Characteristic	Year							
	2012	2013	2014	2015	2016	2017	2018	2019
Sex								
Male	48.8	48.2	49.9	50.6	48.3	47.6	47.2	49.3
Female	51.4	52.3	54.4	54.7	55.3	53.1	53.6	55.1
Age								
<50	48.6	44.3	59.4	53.6	61.1	55.0	55.8	61.4
50–59	54.8	57.8	56.8	55.5	55.2	56.1	53.6	61.9
60–69	50.3	53.0	53.7	54.8	52.0	53.1	51.8	52.2
≥ 70	46.9	43.6	45.8	47.8	46.6	43.4	45.5	46.5
Income level, quintiles								
Below poverty line (lowest)	16.7	20.1	20.9	18.1	20.1	25.5	23.3	21.6
1st Q	43.3	44.5	44.6	42.5	46.5	48.7	44.4	48.1
2nd Q	46.8	46.3	45.2	42.0	47.1	39.5	44.1	45.7
3rd Q	45.3	45.5	46.0	49.4	43.8	44.4	44.3	43.0
4th Q	49.5	50.2	51.5	54.5	48.9	50.1	51.4	55.9
5th Q (highest)	60.3	58.8	62.9	63.7	62.8	59.5	58.9	60.5
Insurance type								
Medicaid	16.7	20.1	20.9	18.1	20.1	25.5	23.3	21.6
Medical insurance	51.3	51.3	52.9	53.9	52.2	50.9	51.0	53.1
Residential area								
Metropolitan	42.4	41.6	43.0	43.5	43.7	40.5	42.1	45.5

Urban	57.7	57.9	59.5	59.9	56.8	58.3	57.9	59.9
Rural	52.9	53.9	55.9	59.2	56.3	56.5	53.7	51.8
Charlson comorbidity index								
0–3	52.6	53.8	57.2	57.2	57.1	56.7	57.3	58.2
≥4	46.1	44.9	44.6	46.8	45.0	43.7	42.5	45.8
SEER								
Localized	44.4	44.7	46.0	49.7	49.7	47.2	47.4	52.0
Regional	55.6	55.0	57.8	55.7	53.7	53.5	53.4	53.6
Distant	54.5	48.8	51.7	48.2	36.7	43.8	44.9	42.6
Primary treatment								
Surgery only	49.3	50.5	51.4	51.9	52.2	50.2	51.4	53.7
Surgery+RTx	56.4	51.3	50.5	54.8	40.9	50.0	42.5	51.0
Surgery+CTx	47.4	44.2	49.5	48.9	45.8	45.7	45.0	43.9
Surgery+RTx+CTx	56.2	55.0	56.9	60.3	54.4	56.9	49.0	52.1
Cell type								
Adenocarcinoma	50.2	52.4	53.0	53.5	53.9	53.6	48.4	52.1
Squamous and transitional cell carcinoma	47.0	46.2	48.7	48.0	45.7	45.5	42.8	44.0
Other	53.2	45.9	50.0	53.4	46.3	40.2	55.6	55.8