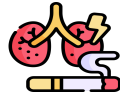


# LUNG CANCER ANALYTICS DASHBOARD



**Page 1: Lung Cancer Overview**



**Page 2: Smoking and Risk Factors**



**Page 3: Treatment & Survival Analysis**



## Total Lung Cancer Cases

8961

## Average Age of Lung Cancer Patients

52.66

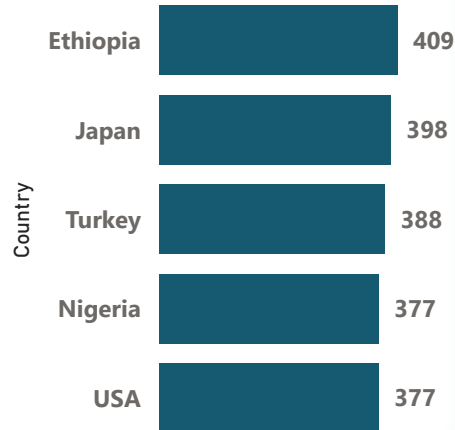
## Percentage of Smokers with Lung Cancer

4%

## Mortality Rate for Lung Cancer Patients

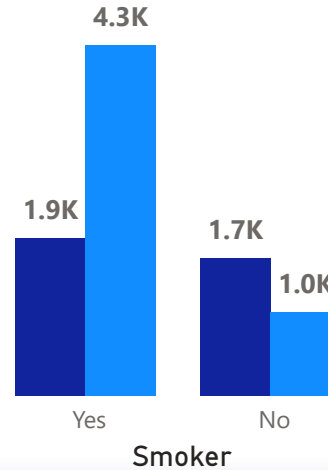
75.09

## Lung Cancer Cases by Top 5 Country

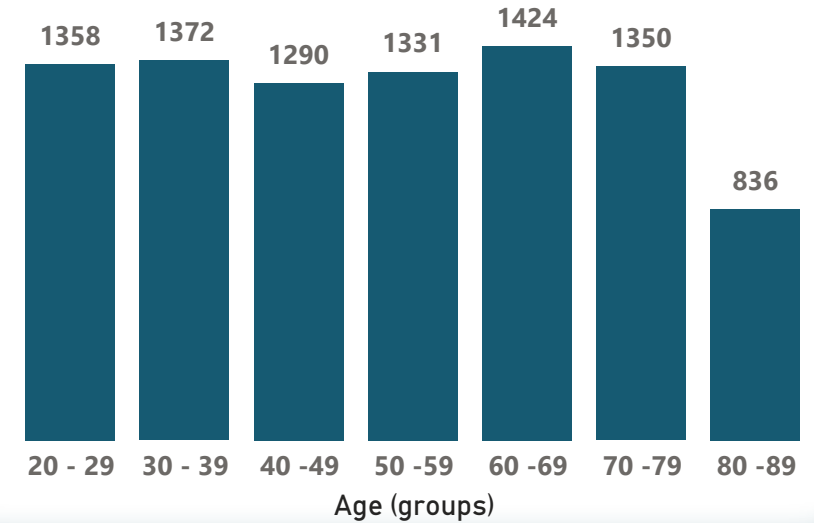


## Smoking Impact Score by Gender

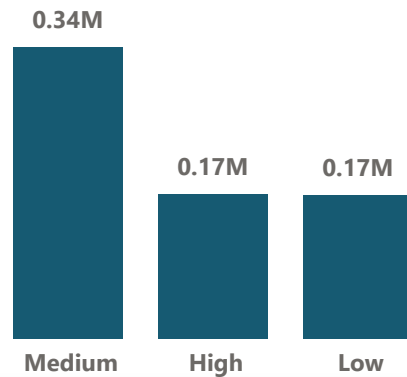
Gender ● Female ● Male



## Age Distribution of Lung Cancer Patients

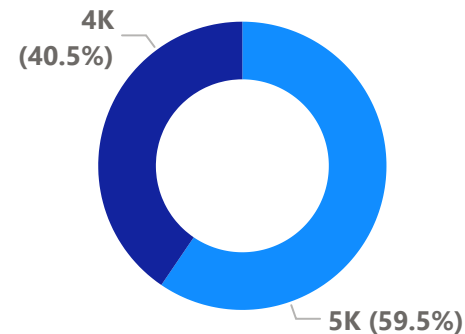


## Mortality Rate vs. Air Pollution Exposure



## Lung Cancer Cases by Gender

Gender ● Male ● Female



## Lung Cancer Risk Score Distribution

Smoker	Family_History	Passive_Smoker	Total Lung Cancer Cases
No	No	No	1650
No	No	Yes	684
No	Yes	No	266
No	Yes	Yes	112
Yes	No	No	3677
Yes	No	Yes	1648
Yes	Yes	No	633
Yes	Yes	Yes	291
Total			8961



Total Smokers

88K

Average Years of Smoking

20.42

Early Detection Rate

27.97%

Gender

Female

Male

Early Detection Rate vs. Cancer Stage

None

27.96%

Stage 1

27.43%

Stage 2

28.39%

Stage 3

29.29%

Stage 4

28.36%

Smoking and Air Pollution Exposure Relationship

44K

22K

22K

Medium

High

Low

Passive Smoking Impact on Cancer Cases

No Yes

3K (30.52%)

6K (69.48%)

Smoking vs. Lung Cancer Cases

Yes No

3K  
(30.26%)

6K (69.74%)

Years of Smoking vs. Cancer Stage

Years_of_Smoking	Stage 1	Stage 2	Stage 3	Stage 4	Total
0	731	660	637	684	2712
1	36	26	41	39	142
2	34	32	48	49	163
3	40	38	45	41	164
4	40	32	32	39	143
5	33	37	40	44	154
6	41	43	44	30	158
7	35	40	43	29	147
8	40	33	33	35	141
Total	2191	2198	2185	2387	8961



Average Survival Years

0.22

Total Annual Lung Cancer Deaths

221K

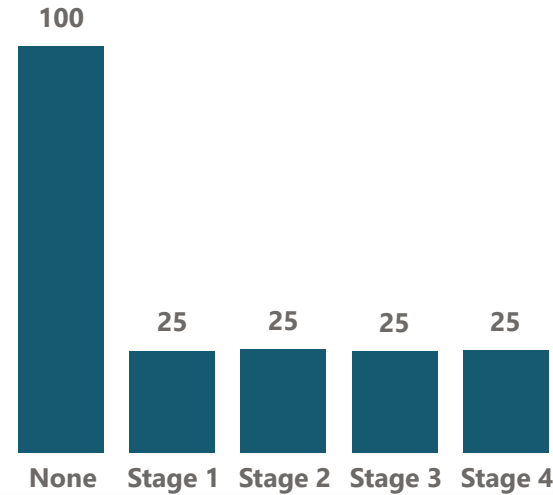
Lung Cancer Prevalence Rate

2

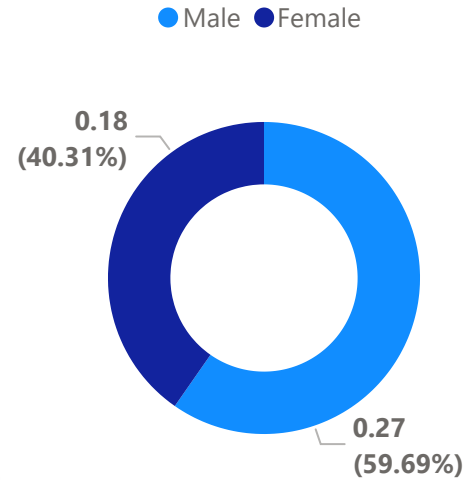
Survival Rate by Early Detection

97

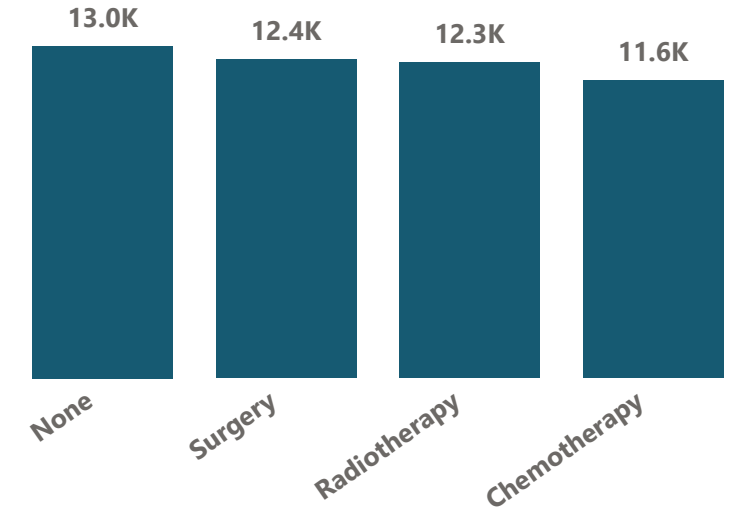
Survival Rate Distribution by Cancer Stage



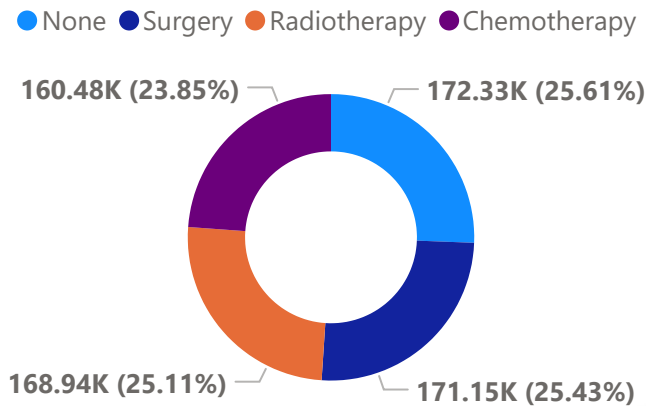
Average of Survival Years over Gender



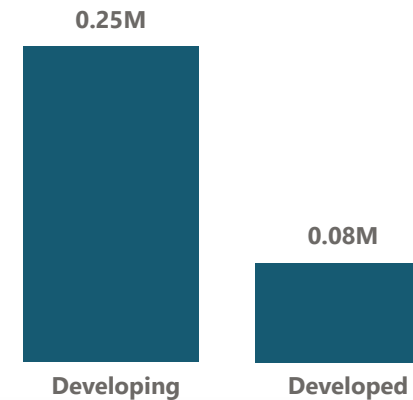
Survival Years by Treatment Type



Mortality Rate vs. Treatment Type



Developed vs. Developing Countries: Cancer Prevalence



Lung Cancer Deaths by Top 5 Country

