

# Lung Cancer

Lung cancer has been one of the most common cancers in the world for several decades, and despite advancements in treatment, has resulted in more deaths than any other cancer.

## What is Lung Cancer?



Lung cancer starts when cells of the lung become abnormal and begin to grow out of control.

### Non-Small Cell Lung Cancer (NSCLC)

NSCLC accounts for about **85–90%** of diagnoses and is composed of 3 subtypes: squamous cell (epidermoid) carcinoma, adenocarcinoma and large cell (undifferentiated) carcinoma.

### Small Cell Lung Cancer (SCLC)

Less common than NSCLC, SCLC accounts for about **10–15%** of all lung cancers. For non-smokers, SCLC is even less common. SCLC tends to grow and spread early to distant parts of the body before it is found.

There are two main types of lung cancer:

Lung cancer results in more deaths worldwide than breast, pancreatic and prostate cancers combined:

WW Lung Cancer Deaths (2018)

**627,000** Breast Cancer    **432,000** Pancreatic Cancer    **359,000** Prostate Cancer

**1,761,000** Lung Cancer



### Incidence by Gender

Lung cancer is the leading cause of cancer deaths in both men and women.

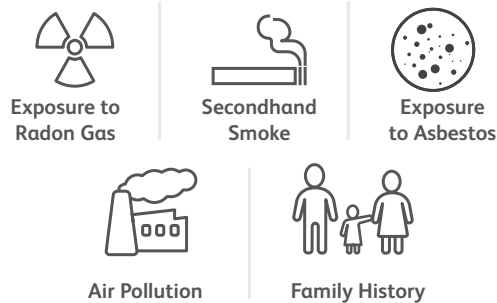
**2018** Diagnoses  
**1,369,000** Men  
**725,000** Women

**2018** Deaths  
**1,185,000** Men  
**576,000** Women

Source: Globocan 2018

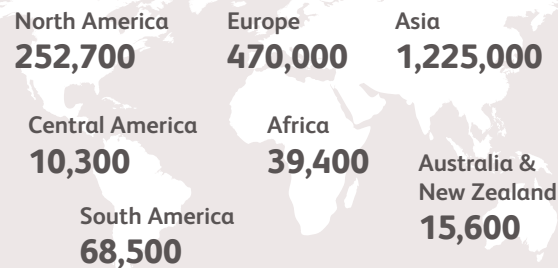
### Common Risk Factors

While tobacco smoking is the most common cause of lung cancer, there are many other risk factors.



### Global Incidence

Estimated numbers of annual new lung cancer cases by region



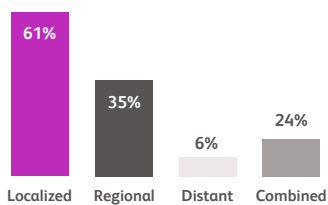
### Signs & Symptoms

- Chest Pain
- Feeling Weak
- Hoarseness
- Persistent Cough
- Shortness of Breath

### Staging & Survival Rates

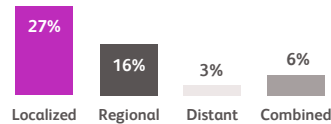
A patient's prognosis is largely dependent on the type and stage of the disease. As with many other cancers, early detection can help improve survival rates.

#### Non-Small Cell Lung Cancer



#### Small Cell Lung Cancer

SCLC five-year survival rates tend to be lower, as SCLC grows faster and symptoms are often not detected until the cancer is at an advanced stage.



5-Year Survival Rates by Stage

### Treatment Options

A patient's treatment options are largely dependent on the stage of the disease. For both NSCLC and SCLC, they may include:

