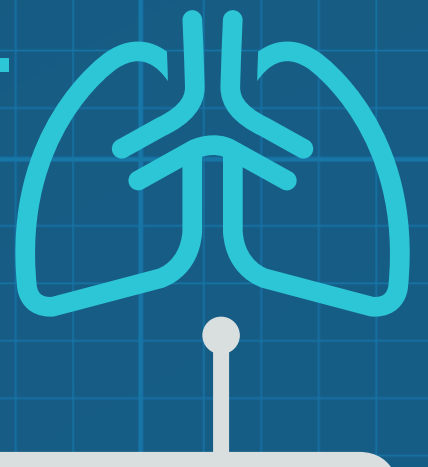


# Early lung cancer screening saves lives.

## A blueprint for healthy outcomes

The goal of lung cancer screening (LCS) is to enable the detection of lung cancer before it has spread. Early detection means earlier treatment, greater treatment options and increased survival rates. CMS supports annual lung cancer screening with LDCT (low-dose CT) for appropriate beneficiaries.



### 1 Lung cancer awareness

**#1** #1 cause of cancer deaths for US men & women

**Smoking is responsible** for ~85% of all lung cancer cases

**Kills more US women** than breast cancer



**Lung cancer takes more lives** than breast, prostate and colon cancer combined<sup>1</sup>



**One of the most preventable** types of cancer

**1/3**

**1 out of 3 people know someone** who has had lung cancer<sup>2</sup>



**1 out of 15 Americans** will be diagnosed with lung cancer<sup>3</sup>

1 Lung Cancer Foundation  
2 Freetobreathe.org  
3 Lung Cancer Alliance

### 2 CMS covers screening for those who meet certain criteria.

- Age 55-77
- Asymptomatic (no signs or symptoms)
- Tobacco history of at least 30 pack-years
- Current smoker or quit within the last 15 years

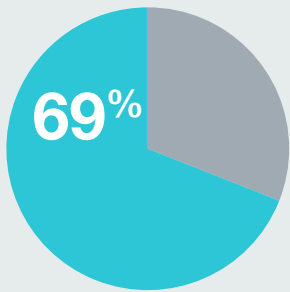
“Currently, the percentage of cancers diagnosed at stage 1 are 69% for our program, compared to the national average of 25%. We’ve also been able to significantly reduce the percentage of screening patients that are diagnosed at stage 4, down from 35% to less than 10%. This shift from late to early stages has tremendous implications for survival rate and patient care overall.”\*

Andrea McKee, MD, Radiation Oncology, Lahey Hospital and Medical Center

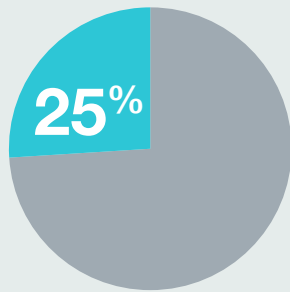
[\\* Read more](#)

#### Stage 1 Diagnoses

With CMS screening

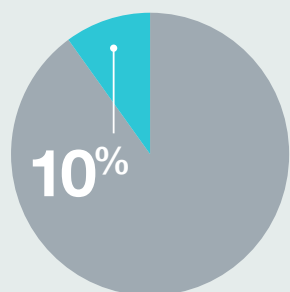


National Average

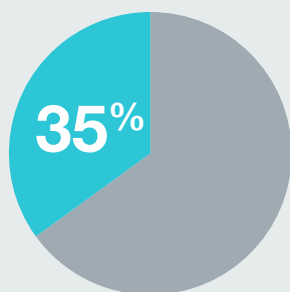


#### Stage 4 Diagnoses

With CMS screening

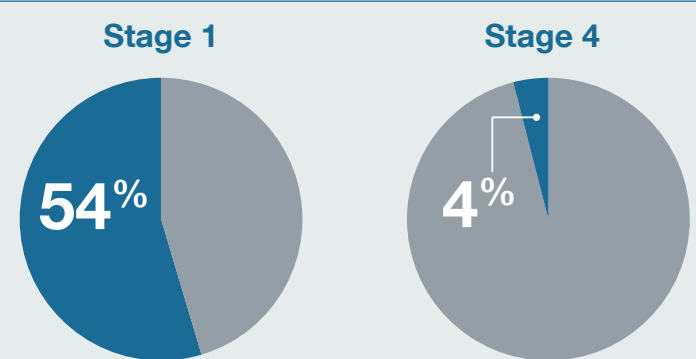


National Average



### 3 Early detection means earlier treatment, greater treatment options and increased survival rates.

#### 5-year survival rate with early detection\*



\* <https://www.ohsu.edu/xd/health/services/cancer/about-us/early-detection-vision/why-focus-on-early-detection.cfm>

#### Lung Cancer Stage at Diagnosis

Before and After Screening Program Implementation at Lahey\*

	Stage 1	Stage 2	Stage 3	Stage 4
<b>2011</b> All patients, before screening program established	34%	7%	24%	35%
<b>2012-2016</b> Screening program patients	<b>69%</b>	<b>10%</b>	<b>12%</b>	<b>9%</b>

[\\* Read more](#)

### 4 An effective screening solution is essential.

The best, most-effective LCS programs are powered by intelligent, comprehensive, end-to-end LCS software solutions that manage the unmanageable and ensure patients don't slip through the cracks.

