

There is a strong economic case for implementing **LDCT** screening for lung cancer

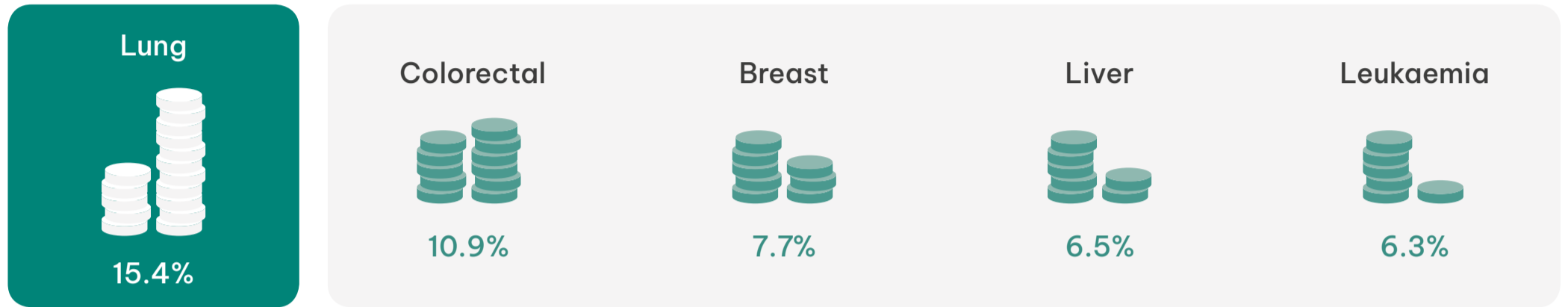
Lung cancer is responsible for the greatest economic burden of all cancers



Cancer is estimated to cost the global economy over **\$25 trillion*** between 2020 and 2050.¹



Five cancers are responsible for **over 50%** of this burden, with lung cancer contributing the highest costs:¹



*Estimates use international dollars; broken down by the proportion of total cancer burden (%) for each of the five cancers.¹

Targeted low-dose computed tomography (LDCT) screening would reduce the impact of lung cancer on society

Early death from lung cancer results in **significant productivity losses**.^{2,3}

Detecting lung cancer earlier would:⁴

- **increase** the likelihood of successful treatment
- **improve** survival rates and overall quality of life for people living with lung cancer.

The costs of lung cancer are highest at advanced stages of the disease^{5,6}

Direct medical costs linked to treatment and care are **significantly higher for advanced lung cancer** than for earlier-stage disease.^{5,6}



Many people living with advanced lung cancer **stop working and are not able to return to work**.⁵ Their loved ones may also stop or limit work to provide **unpaid care**.^{7,8}

There is a clear business case for investing in LDCT screening for lung cancer



The **majority of studies** conclude that LDCT screening is a cost-effective tool to reduce the number of deaths from lung cancer.⁹



Compared with other common cancers, fewer people need to be screened to prevent one death from lung cancer, making lung cancer screening more efficient.¹⁰

References

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