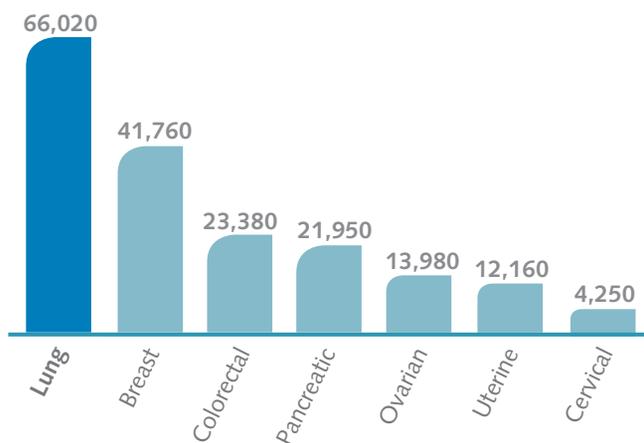


WOMEN AND LUNG CANCER



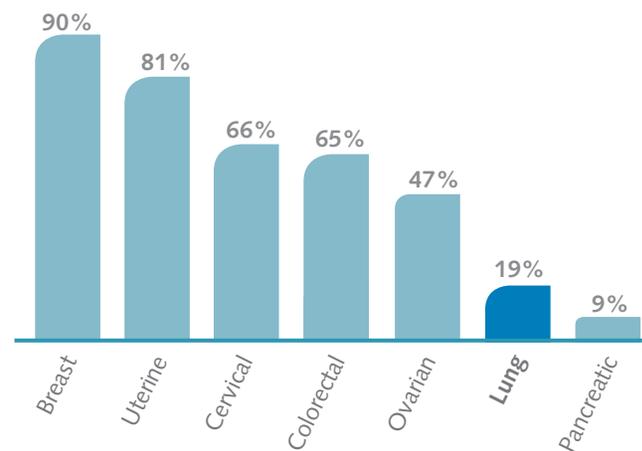
Lung cancer kills more women than any other cancer in the United States—an average of 181 women each day, one every eight minutes.¹ Yet lung cancer remains the “hidden” women’s cancer—little known and rarely discussed. It is the least funded cancer in terms of research dollars per death of all the major cancers, and one of the only cancers where patients are routinely blamed as responsible for their condition.

LUNG CANCER IS THE LEADING CAUSE OF CANCER DEATH AMONG WOMEN IN THE UNITED STATES.



ESTIMATED CANCER DEATHS IN WOMEN²
(2019)

FIVE YEAR SURVIVAL RATE OF LUNG CANCER REMAINS WELL BELOW OTHER CANCERS.



FIVE YEAR SURVIVAL RATE (MEN & WOMEN)³
(2008-2014)

¹ Estimated from American Cancer Society. Cancer Facts & Figures 2019. Atlanta: American Cancer Society; 2019.

² American Cancer Society. Cancer Facts & Figures 2019. Atlanta: American Cancer Society; 2019.

³ Noone AM, Howlader N, Krapcho M, et al. (eds). SEER Cancer Statistics Review, 1975-2015, National Cancer Institute, Bethesda, MD, www.seer.cancer.gov/csr/1975_2015/, based on November 2017 SEER data submission, posted to the SEER website April 2018.

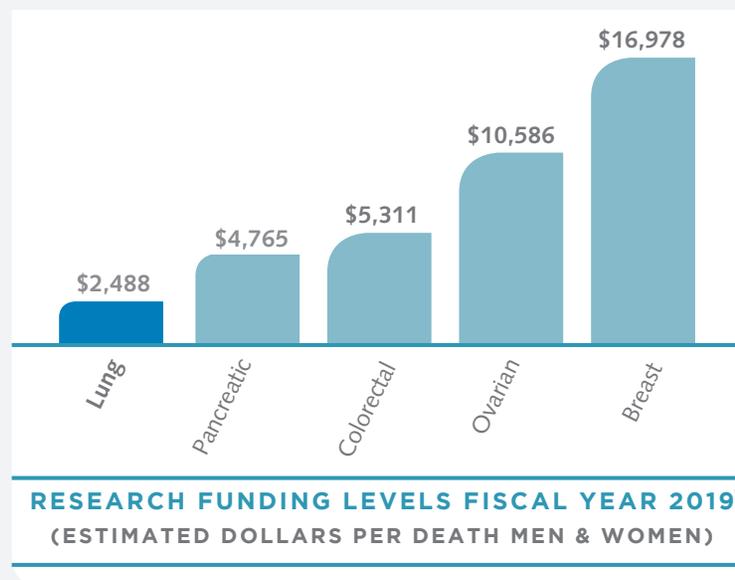
MORE RESEARCH URGENTLY NEEDED

NEVER SMOKING WOMEN & LUNG CANCER

Of the men and women with lung cancer, **17.9% are never smokers.**⁴

Approximately, **two-thirds** of never smokers diagnosed with lung cancer are women.⁶

Women who are **never smokers** are more than **twice as likely to get lung cancer** as men who are never smokers.⁷



Despite a **HIGHER NUMBER OF ANNUAL DEATHS**, lung cancer receives **ONLY \$2,488 PER DEATH IN RESEARCH FUNDING**

from the National Institutes of Health, the least funded of the major cancers affecting women.⁹

LUNG CANCER ALLIANCE IS A 501(C)(3) NON-PROFIT ORGANIZATION. ALL DONATIONS ARE TAX-DEDUCTIBLE TO THE FULL EXTENT PERMITTED BY LAW.

⁴ Centers for Disease Control, Morbidity and Mortality Weekly Report, "Cigarette Smoking Among Adults --- United States, 2006". November 9, 2007 / 56(44):1157-1161.

⁵ Estimated from: Centers for Disease Control, Morbidity and Mortality Weekly Report, "Cigarette Smoking Among Adults --- United States, 2006". November 9, 2007 / 56(44):1157-1161.

⁶ Estimated from the following sources: Clément-Duchêne C, Stock S, Xu X, et al. Survival among Never-Smokers with Lung Cancer in the Cancer Care Outcomes Research and Surveillance Study. Annals of the American Thoracic Society. 2016;13(1):58-66. Lorraine Pelosof, Chul Ahn, Ang Gao, Leora Horn, Alejandra Madrigales, Joan Cox, Dauphne McGavic, John D. Minna, Adi F. Gazdar, Joan Schiller; Proportion of Never-Smoker Non-Small Cell Lung Cancer Patients at Three Diverse Institutions. JNCI: Journal of the National Cancer Institute. 2017;109(7).

⁷ Sun S, Schiller JH, Gazdar AF. Lung cancer in never smokers--a different disease. Nat Rev Cancer. 2007 Oct;7(10):778-90. Wakelee HA, Chang ET, Gomez SL, Keegan TH, Feskanich D, Clarke CA, Holmberg L, Yong LC, Kolonel LN, Gould MK, West DW. Lung cancer incidence in never smokers. J Clin Oncol. 2007 Feb 10;25(5):472-8.

⁸ Pelosof L, Ahn C, Gao A, Horn L, Madrigales A, Cox J, McGavic D, Minna JD, Gazdar AF, Schiller J. Proportion of Never-Smoker Non-Small Cell Lung Cancer Patients at Three Diverse Institutions. J Natl Cancer Inst. 2017 Jan 28;109(7). Cufari ME, Prol C, De Sousa P, Raubenheimer H, Al Sahaf M, Chavan H, Shedden L, Niwaz Z, Leung M, Nicholson AG, Anikin V, Beddow E, McGonigle N, Dusmet ME, Jordan S, Ladas G, Lim E. Increasing frequency of non-smoking lung-cancer: Presentation of patients with early disease to a tertiary institution in the UK. Eur J Cancer. 2017 Oct; 84:55-59.

⁹ National Center for Health Statistics at the Centers for Disease Control and Prevention, "Estimates of Funding for Various Research, Condition, and Disease Categories (RCDC)." https://report.nih.gov/categorical_spending.aspx. Published May 18, 2018.