KENTUCKY BATTLING THE CANCER EPIDEMIC

Kentucky has some of the highest cancer incidence and mortality rates in the country, especially for lung cancer. We took a closer look at why Kentucky is considered the nation's "Cancer Capital" and the social burden that is associated with the title.

"CANCER CAPITAL"

	KY	US	Compared to Nat. Avg.
Cancer Incidence Rate	511.2*	448.4*	15%* ▲
Cancer Mortality Rate	202.6*	168.5*	17%* ▲
Lung Cancer Diagnosis Rates	96.4*	62.4*	50%* ▲

*per 100K people

ECONOMIC IMPACT

2010

$ $ $ $ $ $ $ $

Cancer care in KY costs approx. **$2.23B**

2020

$ $ $ $ $ $ $ $ $ $ $ $ $ $

Estimated to increase by 69% to **$3.78B**

TREATMENT OPTIONS

SURGERY | RADIATION THERAPY | CHEMOTHERAPY | TARGETED THERAPY | IMMUNOTHERAPY

There Have Been Significant Improvements in Treatment Options and Outcomes

1970s
1/2 of diagnosed patients survived **5+ years**

Today
2/3 of diagnosed patients survived **5+ years**

Despite These Advancements, Research and Education Continue To Tackle Challenges Facing Patients Today

TOP RISK FACTORS

KY Ranks in the Top 5 States in the U.S. for 3 Major Factors

Smoking
Highest in U.S.

Obesity
5th Highest

KY

Poverty
3rd Highest

$ $ $ $ $ $ $ $ $ $ $

1 in 5 live below poverty line

WHAT CAN WE DO?

>50% of Deaths May Be From Preventable Forms of Cancer

Lung | Breast | Colorectal | Cervical

Increase Education and Screening

Colorectal cancer awareness programs over 10 years

Increased Screenings **50%** ▲

Reduced Deaths **28%** ▼

Increase Smoking Cessation and Tobacco Control Measures

KY Spent | **National Average**

Smokers are **15-30X MORE LIKELY** to have lung cancer

[1]State Cancer Profiles. (n.d.). Retrieved February 23, 2017, from https://statecancerprofiles.cancer.gov/quick-profiles/index.php?statename=kentucky#t=1 [2]State Cancer Profiles. (n.d.). Retrieved February 23, 2017, from https://statecancerprofiles.cancer.gov/quick-profiles/index.php?statename=kentucky#t=1 [3]State Cancer Profiles. (n.d.). Retrieved February 23, 2017, from https://statecancerprofiles.cancer.gov/quick-profiles/index.php?statename=kentucky#t=1 [4]State Cancer Profiles. (n.d.). March 1, 2017, from https://statecancerprofiles.cancer.gov/risk/index.php?stateFIPS=00&topic=smoke&risk=v19&race=00&sex=0&type=risk#results [5]State Cancer Profiles. (n.d.). Retrieved February 23, 2017, from https://statecancerprofiles.cancer.gov/quick-profiles/index.php?statename=kentucky#t=1 [6]Talk Poverty. (2012). Kentucky. Retrieved from http://stateofobesity.org/states/ky/ [7]Kentucky Report - 2016. (n.d.). Retrieved February 28, 2017, from https://talkpoverty.org/state-year-report/kentucky-2016-report/ [8]Kentucky Cancer Consortium. (2013, July 20). Kentucky Has a Cancer Problem. Retrieved from http://www.kycancerc.org/canceractionplan/KCC%20Resource%20Plan%20Exec%20Summary%20July%202013.pdf [9]Kentucky Cancer Consortium Resource Plan. (2013, July). Retrieved February 28, 2017, from http://www.kycancerc.org/canceractionplan/KCC%20Resource%20Plan%20July%202013.pdf [10]American Cancer Society. (2016). Cancer Prevention & Early Detection Facts & Figures. Retrieved March 1, 2017 from https://www.cancer.org/content/dam/cancer-org/research/cancer-facts-and-statistics/cancer-prevention-and-early-detection-facts-and-figures/cancer-prevention-and-early-detection-facts-and-figures-tables-and-figures-2016.pdf [11]Colon Cancer Prevention Project | About The Project. (n.d.) Retrieved February 28, 2017 from https://coloncancerpreventionproject.org/about/ [12]Centers For Disease Control And Prevention | What Are The Risk Factors For Lung Cancer? (n.d.) Retrieved February 28, 2017 from https://www.cdc.gov/cancer/lung/basic_info/risk_factors.htm [13]American Cancer Society | Advancement Of Cancer Survivorship (2014, July 12) Retrieved February 28, 2017 from https://www.cancer.org/cancer/cancer-basics/history-of-cancer/cancer-survivorship.html [14]American Cancer Society | Advancement Of Cancer Survivorship (2014, July 12) Retrieved February 28, 2017 from https://www.cancer.org/cancer/cancer-basics/history-of-cancer/cancer-survivorship.html [15]American Cancer Society | Advancement Of Cancer Survivorship (2014, July 12) Retrieved February 28, 2017 from https://www.cancer.org/cancer/cancer-basics/history-of-cancer/cancer-survivorship.html

Bristol-Myers Squibb