

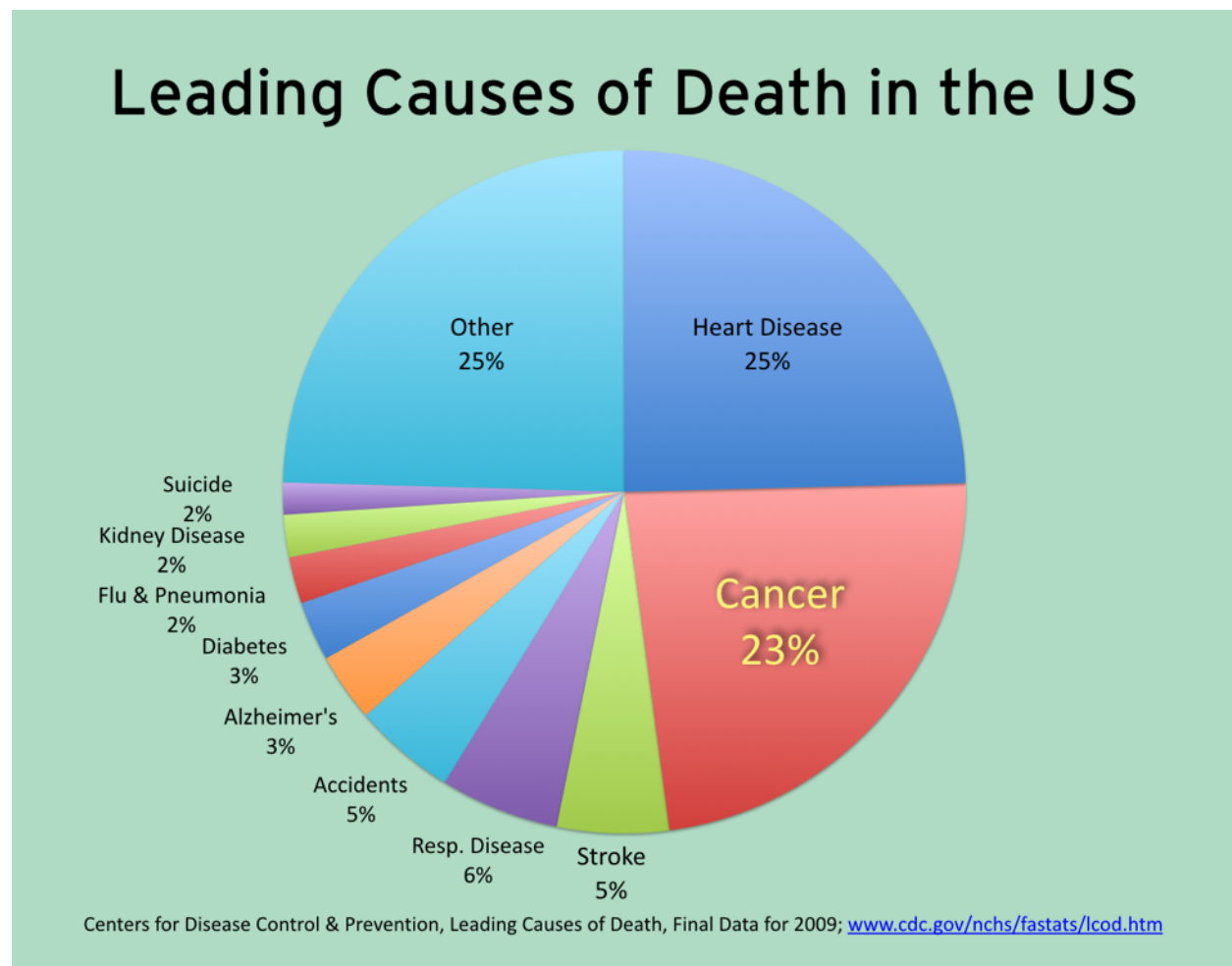


# Lung Cancer Demographics/Epidemiology



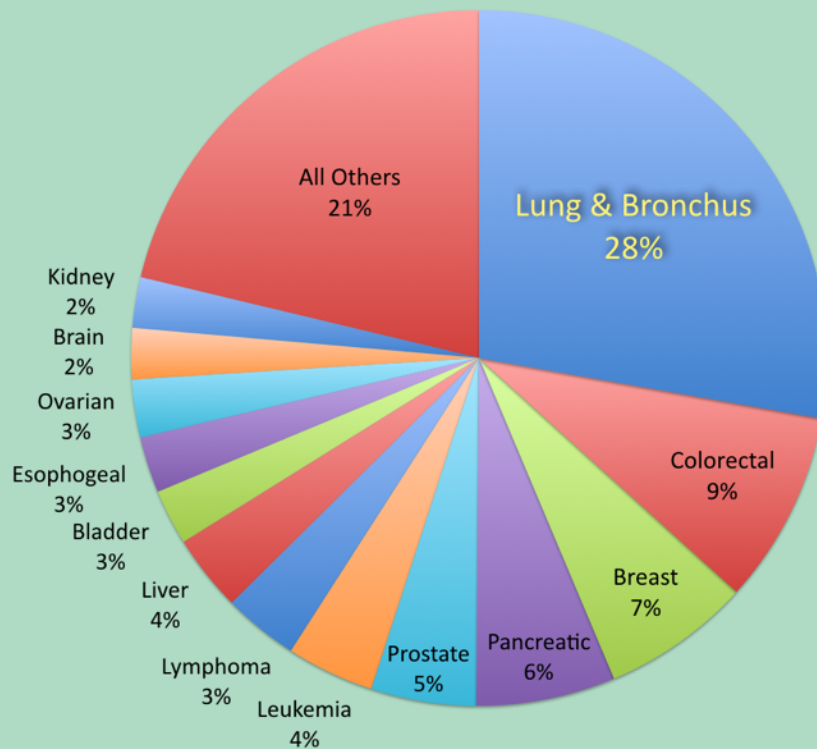
## TRANSCRIPT & FIGURES

I'm going to speak to you today about lung cancer demographics.



Lung cancer is just behind heart disease for the leading cause of death amongst Americans.

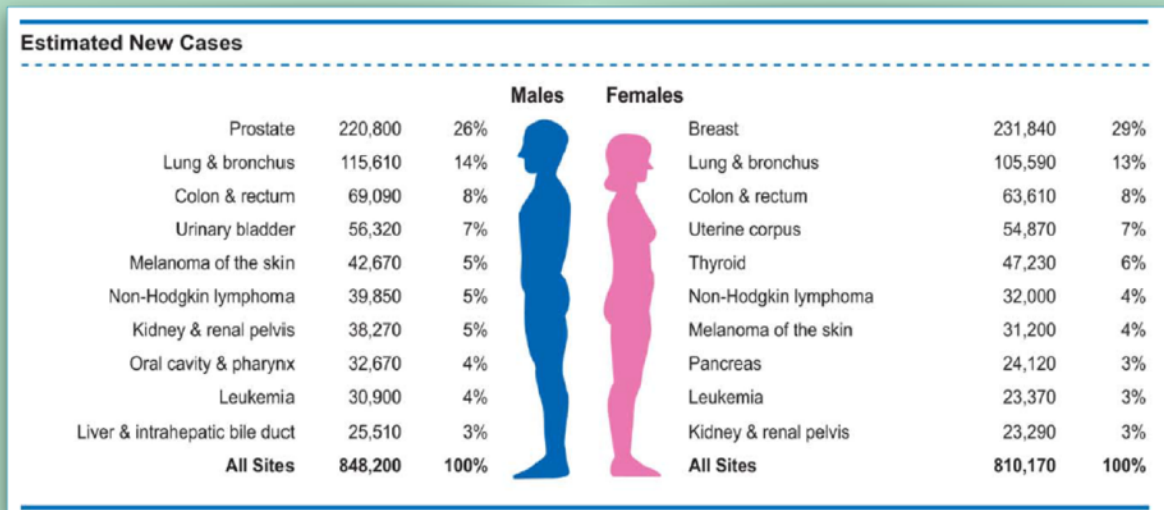
## Leading Causes of Cancer Death in the US



American Cancer Society. Cancer Facts & Figures 2012.

Within cancer, lung cancer causes the overwhelming majority of the death.

## Estimated New Cases

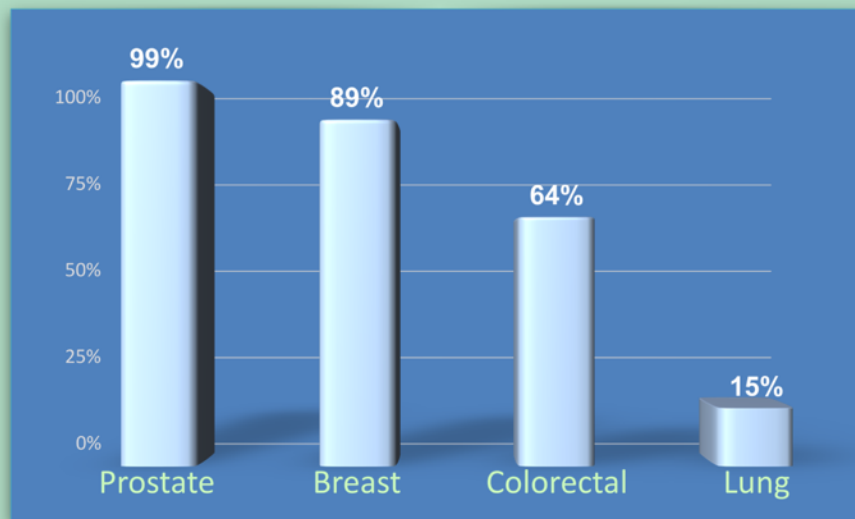


Siegel, CA Cancer J Clin 201`5

For both men and women, lung cancer is the second most incident cancer.

## Lung Cancer: The Facts

Lung Cancer is one of the  
most deadly cancers





5-yr. Cancer Survival Rates, 2012

American Cancer Society. Cancer Facts & Figures 2012.

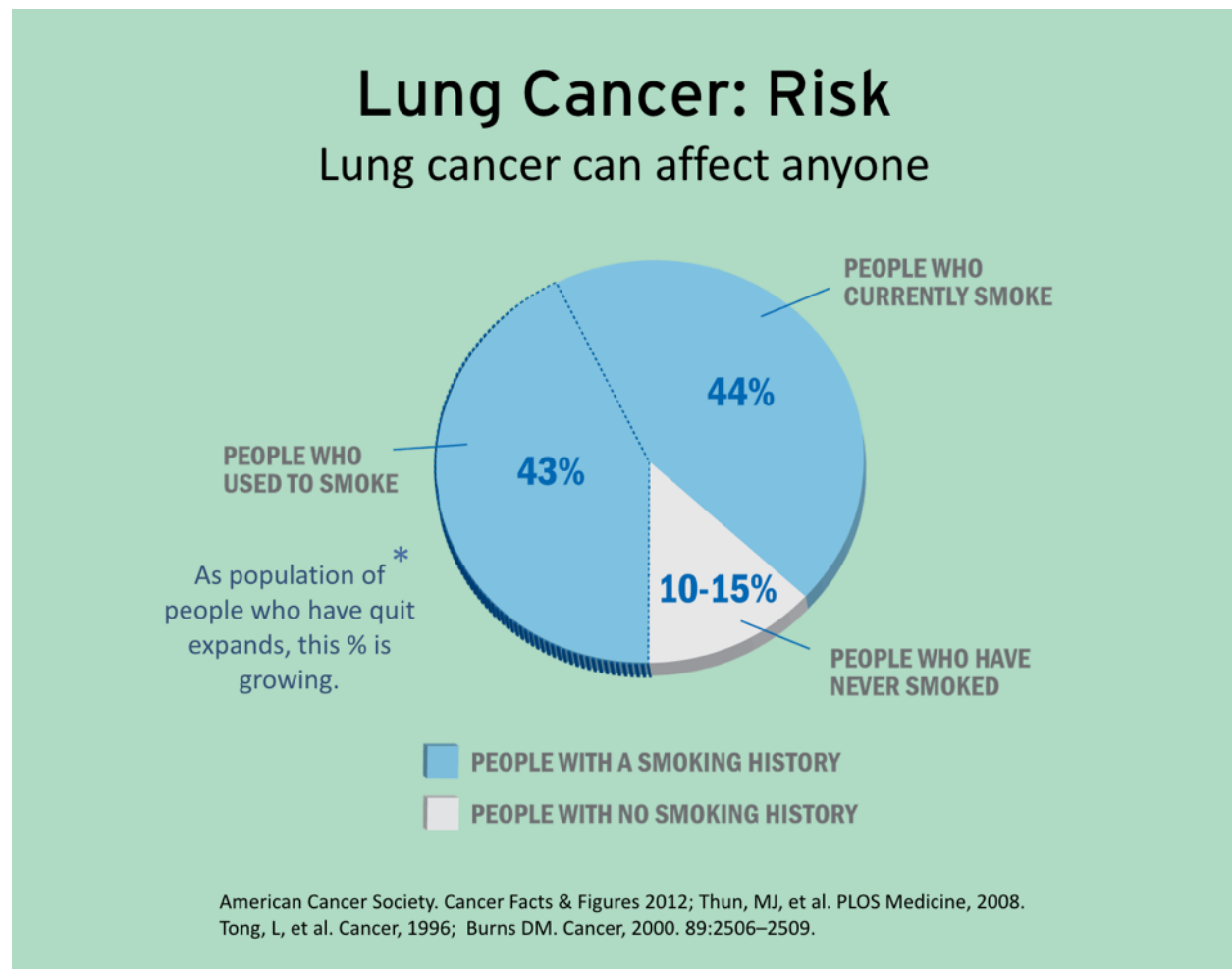
However because of that highly deadly nature of lung cancer we talked about,

## Estimated Deaths

Estimated Deaths							
			Males	Females			
Lung & bronchus	86,380	28%			Lung & bronchus	71,660	26%
Prostate	27,540	9%			Breast	40,290	15%
Colon & rectum	26,100	8%			Colon & rectum	23,600	9%
Pancreas	20,710	7%			Pancreas	19,850	7%
Liver & intrahepatic bile duct	17,030	5%			Ovary	14,180	5%
Leukemia	14,210	5%			Leukemia	10,240	4%
Esophagus	12,600	4%			Uterine corpus	10,170	4%
Urinary bladder	11,510	4%			Non-Hodgkin lymphoma	8,310	3%
Non-Hodgkin lymphoma	11,480	4%			Liver & intrahepatic bile duct	7,520	3%
Kidney & renal pelvis	9,070	3%			Brain & other nervous system	6,380	2%
All Sites	312,150	100%			All Sites	277,280	100%

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it actually drives the highest death rate in both men and in women.



Lung cancer can affect anyone: only 44% of our patients are current smokers, about the similar number have previously smoked and quit, and 10-15% are never smokers. However, given how deadly lung cancer is, this drives nonsmoking lung cancer to be one of the greatest causes of suffering and death amongst cancers.

So just to put this into perspective, I have five month old twin daughters. They will never smoke a day in their lives because they will know that I will kill them if they do. Assuming that's true, that they never smoke a day in

their lives, my daughters are far more likely to die of nonsmoking lung cancer than they are to die of breast cancer.

## Lung Cancer Can Affect Anyone

### Age @ diagnosis

	20-34	35-44	45-54	55-64	65-74	75-84	85+
Female	0.3%	1.9%	8.8%	19.9%	30.6%	29.5%	9.0%
Male	0.2%	1.5%	8.8%	21.8%	31.9%	28.7%	7.1%

SEER Cancer Statistics Review 1975-2007

Lung cancer can also affect anyone regardless of age. You can see here the spread of lung cancer – you can see that the bulk of presentation is at an older age, our median age of presentation is about 71 years, but you can see if you look at the left side of this table that it actually does have real incidence in younger patients. I have treated 20 and 30 year old patients for lung cancer. It is unfortunately quite real. I thank you for your kind attention.



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