IHME

Cancer in the US

FINDINGS FROM THE GLOBAL BURDEN OF DISEASE STUDY

DEATHS FROM CANCER NATIONWIDE

1990	2016
516,073	685,162

% change per year in cancer deaths, 1990–2016

Largest decline
DC
-1.8%

Smallest decline
Mississippi
-0.2%
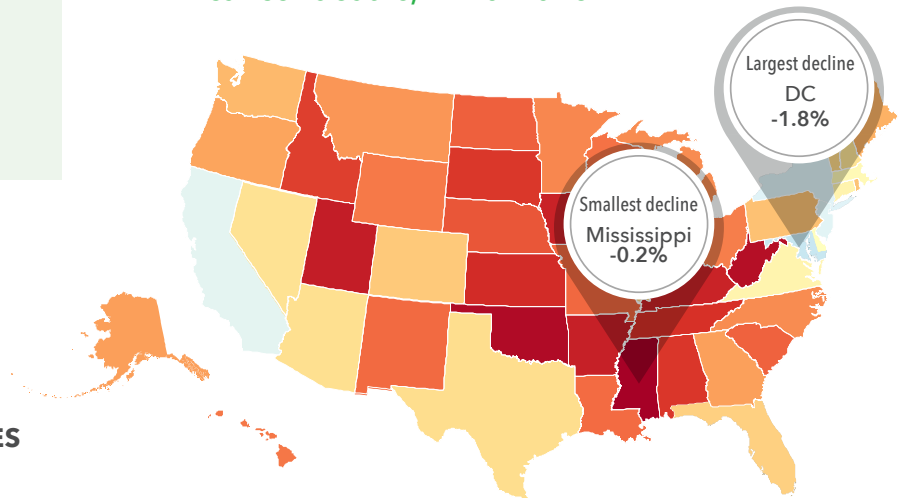
Top 5 and bottom 5 states and DC, ranked by years of life lost, 2016[1]

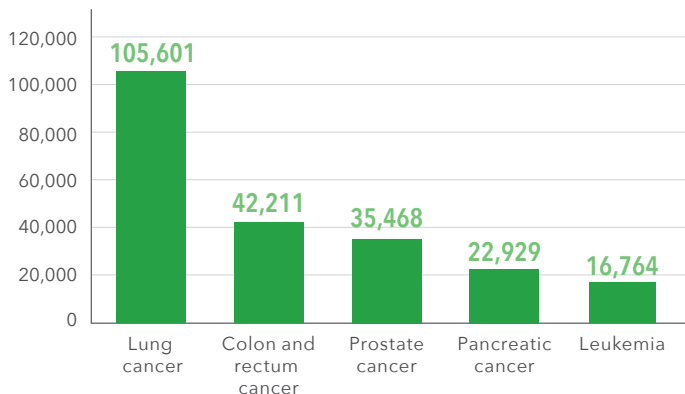| LOWEST RATES		HIGHEST RATES	
1	Utah	47	Arkansas
2	Colorado	48	Alabama
3	California	49	Kentucky
4	Hawaii	50	West Virginia
5	Connecticut	51	Mississippi

[1]Rates per 100,000 are adjusted for differences in ages and population size across states.
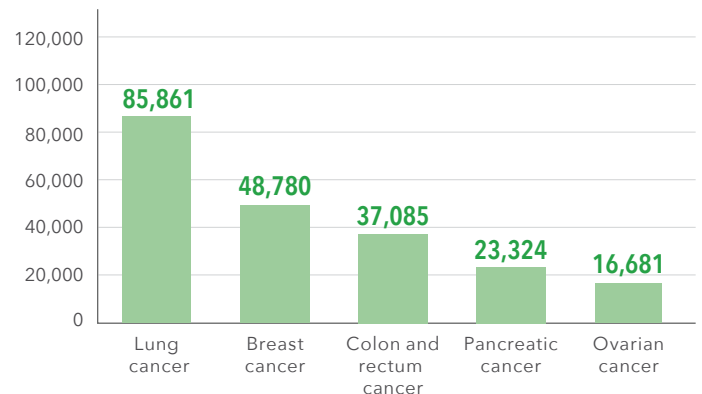
HOW CAN WE ADDRESS CANCER IN THE US?

By expanding access to cancer screening and quality care

Cancers that kill the most people

Cancer deaths in males, 2016

Lung cancer	Colon and rectum cancer	Prostate cancer	Pancreatic cancer	Leukemia
105,601	42,211	35,468	22,929	16,764

Cancer deaths in females, 2016

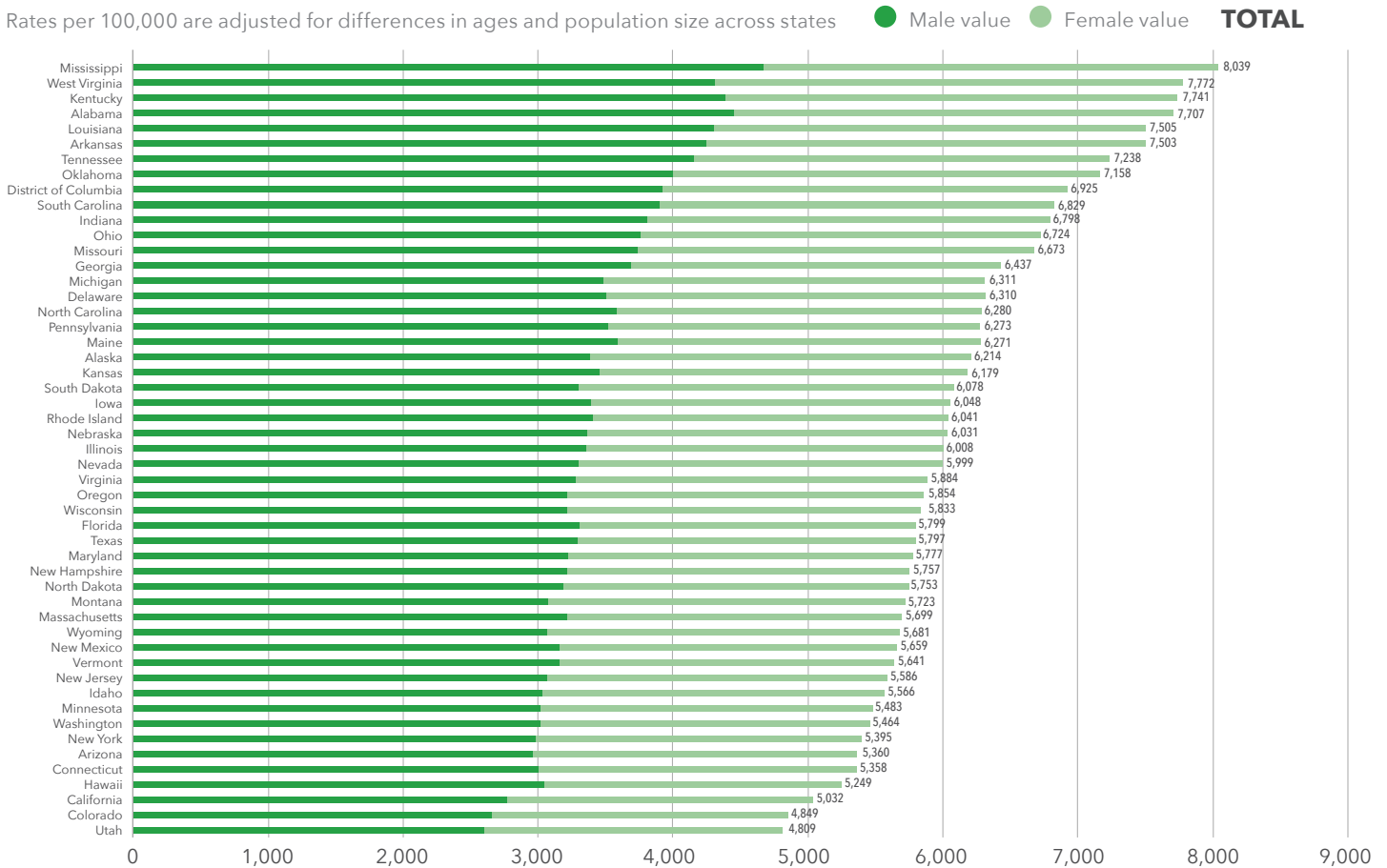| Lung cancer	Breast cancer	Colon and rectum cancer	Pancreatic cancer	Ovarian cancer
85,861	48,780	37,085	23,324	16,681

IHME | W UNIVERSITY of WASHINGTON

Lives cut short by cancer across the US

GBD tracks the years of life lost when people die early due to cancer. For example, when a woman dies from cancer at age 60, and she could have been expected to live until age 85, she loses 25 years of life. Adding up all the years lost from early deaths like this one gives us "years of life lost."

Years of life lost due to cancer, 2016

Rates per 100,000 are adjusted for differences in ages and population size across states   ● Male value ● Female value **TOTAL**

State	Total
Mississippi	8,039
West Virginia	7,772
Kentucky	7,741
Alabama	7,707
Louisiana	7,505
Arkansas	7,503
Tennessee	7,238
Oklahoma	7,158
District of Columbia	6,925
South Carolina	6,829
Indiana	6,798
Ohio	6,724
Missouri	6,673
Georgia	6,437
Michigan	6,311
Delaware	6,310
North Carolina	6,280
Pennsylvania	6,273
Maine	6,271
Alaska	6,214
Kansas	6,179
South Dakota	6,078
Iowa	6,048
Rhode Island	6,041
Nebraska	6,031
Illinois	6,008
Nevada	5,999
Virginia	5,884
Oregon	5,854
Wisconsin	5,833
Florida	5,799
Texas	5,797
Maryland	5,777
New Hampshire	5,757
North Dakota	5,753
Montana	5,723
Massachusetts	5,699
Wyoming	5,681
New Mexico	5,659
Vermont	5,641
New Jersey	5,586
Idaho	5,566
Minnesota	5,483
Washington	5,464
New York	5,395
Arizona	5,360
Connecticut	5,358
Hawaii	5,249
California	5,032
Colorado	4,849
Utah	4,809

About IHME

IHME is an independent health research center at the University of Washington in Seattle. It is a leading health metrics organization in the world. Its work includes studies of US health spending, health in all 3,142 US counties, future health scenarios, and a pilot effort to map health at the census tract level. IHME plans to expand its US research in the future. Results from IHME research are made freely available to the public.

Who uses this research?

The US National Institutes of Health is using GBD research to decide where to invest their research dollars.

Public Health England used GBD to determine the seven priorities outlined in their strategic plan.

The Bill & Melinda Gates Foundation says that "GBD sets the compass" for their work.