



 $\geq$ Annual percent change (%) < -3.0 ÷., -2.9 to -2.0 -1.9 to -1.0 -0.9 to 0 . . 0.1 to 1.0 1.1 to 2.0 > 2.0 ٠ 2  $\bigcirc$ ATG VCT BRB СОМ W Africa FSM 5 SLB MLT DMA MDV MUS L.  $\bigcirc$ VUT WSM 0 5 ≫<sub>d</sub>, Caribbean LCA Balkan Peninsula TON тто TLS SYC SGP FJI

Figure 2. Average Annual Percent Change in Age–Standardized Mortality Rate in Both Sexes for All Cancers From 2007 to 2017

## Figure 3: Cancers Ranked by Absolute Years of Life Lost (YLLs) between 2007 and 2017\*, Both Sexes

Rank	Cancer 2007		Cancer 2017	Rank	Change in absolute YLLs, % (UI)	Change in age-standardized YLL rate, % (UI)
1	Tracheal, bronchus, and lung cancer		Tracheal, bronchus, and lung cancer	1	24.8 (21.7, 27.6)	-4.1 (-6.5, -2.0)
2	Stomach cancer		Liver cancer	2	21.2 (17.0, 27.4)	-4.6 (-8.0, 0.1)
3	Liver cancer		Stomach cancer	3	4.8 (2.4, 7.4)	-18.6 (-20.5, -16.6)
4	Colon and rectum cancer		Colon and rectum cancer	4	23.8 (19.2, 27.6)	-4.5 (-8.0, -1.7)
5	Breast cancer		Breast cancer	5	23.9 (17.3, 28.7)	-1.7 (-6.8, 2.1)
6	Esophageal cancer		Esophageal cancer	6	8.9 (5.8, 12.2)	-16.2 (-18.6, -13.7)
7	Brain and central nervous system cancer	/	Pancreatic cancer	7	35.8 (32.5, 38.6)	4.0 (1.5, 6.1)
8	Cervical cancer		Brain and central nervous system cancer	8	18.4 (11.9, 24.6)	-0.0 (-5.6, 5.3)
9	Pancreatic cancer		Cervical cancer	9	15.1 (9.4, 19.1)	-7.2 (-11.8, -3.9)
10	Non-Hodgkin lymphoma		Non-Hodgkin lymphoma	10	22.1 (15.6, 26.9)	0.2 (-5.2, 4.3)
11	Other leukemia		Prostate cancer	11	28.3 (24.9, 34.5)	-3.6 (-6.2, 1.2)
12	Prostate cancer		Lip and oral cavity cancer	12	30.5 (23.8, 36.4)	3.0 (-2.3, 7.6)
13	Lip and oral cavity cancer		Other leukemia	13	-8.1 (-14.6, -1.8)	-20.8 (-26.5, -15.4)
14	Ovarian cancer		Ovarian cancer	14	29.1 (24.8, 33.1)	1.1 (-2.2, 4.2)
15	Gallbladder and biliary tract cancer		Gallbladder and biliary tract cancer	15	21.8 (17.8, 26.3)	-6.8 (-9.9, -3.5)
16	Acute myeloid leukemia		Bladder cancer	16	22.6 (19.9, 25.3)	-6.9 (-8.9, -4.8)
17	Bladder cancer		Other pharynx cancer	17	36.0 (25.4, 44.2)	6.5 (-1.7, 12.8)
18	Larynx cancer		Acute myeloid leukemia	18	16.2 (4.4, 24.6)	-1.4 (-11.3, 5.8)
19	Kidney cancer		Larynx cancer	19	17.3 (13.9, 20.9)	-9.1 (-11.7, -6.4)
20	Acute lymphoid leukemia		Kidney cancer	20	23.1 (18.5, 27.3)	-3.3 (-6.9, 0.0)
21	Other pharynx cancer		Acute lymphoid leukemia	21	5.3 (-8.6, 15.4)	-4.7 (-17.6, 4.7)
22	Nasopharynx cancer		Multiple myeloma	22	30.4 (25.6, 34.4)	0.3 (-3.3, 3.4)
23	Multiple myeloma		Nasopharynx cancer	23	18.3 (13.9, 23.1)	-5.0 (-8.5, -1.3)
24	Uterine cancer	<u> </u>	Uterine cancer	24	14.8 (11.6, 19.0)	-11.2 (-13.7, -8.0)
25	Hodgkin lymphoma		Malignant skin melanoma	25	16.1 (12.7, 20.0)	-7.2 (-9.8, -3.8)
26	Malignant skin melanoma		Hodgkin lymphoma	26	-5.2 (-8.6, -1.8)	-17.1 (-20.1, -13.9)
27	Non-melanoma skin cancer		Non-melanoma skin cancer	27	30.0 (26.2, 32.7)	0.5 (-2.3, 2.6)
28	Thyroid cancer	<u> </u>	Thyroid cancer	28	22.1 (16.7, 28.0)	-2.3 (-6.6, 2.4)
29	Chronic myeloid leukemia		Mesothelioma	29	21.0 (13.8, 27.3)	-5.4 (-10.8, -0.8)
30	Mesothelioma		Chronic myeloid leukemia	30	-1.7 (-5.2, 1.5)	-19.7 (-22.4, -17.1)
31	Chronic lymphoid leukemia	<u> </u>	Chronic lymphoid leukemia	31	18.3 (14.2, 22.4)	-9.2 (-12.3, -6.1)
32	Testicular cancer	]	Testicular cancer	32	0.9 (-3.3, 6.3)	-10.8 (-14.5, -6.1)

## \* excluding "Other Cancer"

rank increased no change rank decreased

## Global Both sexes, All ages, DALYs

## 2017 rank

1990 rank	1990 rank 2017 rank			
1 Respiratory infections & TB		1 Cardiovascular diseases	Communicable, maternal,	
2 Maternal & neonatal		2 Neoplasms	neonatal, and nutritional diseases	
3 Cardiovascular diseases		3 Maternal & neonatal	Non-communicable diseases	
4 Enteric infections		4 Respiratory infections & TB	Injuries	
5 Other infectious		5 Musculoskeletal disorders		
6 Neoplasms		6 Mental disorders		
7 Other non-communicable		7 Other non-communicable		
8 Unintentional inj		8 Chronic respiratory		
9 Chronic respiratory	7-1-	9 Neurological disorders		
10 NTDs & malaria		- 10 Unintentional inj		
11 Nutritional deficiencies		11 Diabetes & CKD		
12 Musculoskeletal disorders		12 Enteric infections		
13 Mental disorders		13 Digestive diseases		
14 Transport injuries		14 Transport injuries		
15 Neurological disorders	Y This	15 Self-harm & violence		
16 Self-harm & violence		16 Sense organ diseases		
17 Digestive diseases		17 HIV/AIDS & STIs		
18 Diabetes & CKD		18 NTDs & malaria		
19 Sense organ diseases		19 Nutritional deficiencies		
20 HIV/AIDS & STIs		20 Other infectious		
21 Skin diseases		21 Substance use		
22 Substance use		22 Skin diseases		

Figure 4: Change in the absolute number of DALYs between 1990 and 2017 for both sexes at the global level for GBD level 2 causes (all diseases are grouped into 22 mutually exclusive and collectively exhaustive causes). The cause neoplasms includes all cancers as defined under ICD 10 causes C00-C96 as well as myelodysplastic, myeloproliferative, and other hematopoietic neoplasms (ICD 10 code D45-D47.9)