

# GBD2019 (published in 2020) Estimates

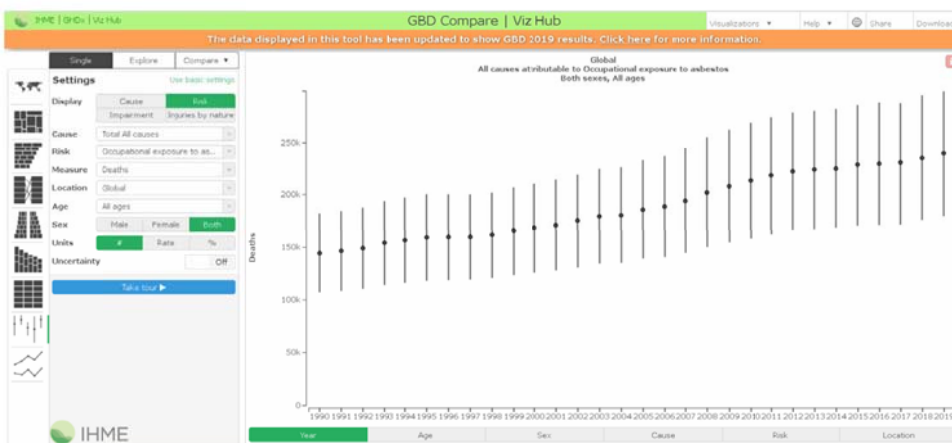
## Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019

GBD 2019 Risk Factors Collaborators\*

### Summary

**Background** Rigorous analysis of levels and trends in exposure to leading risk factors and quantification of their effect on human health are important to identify where public health is making progress and in which cases current efforts are inadequate. The Global Burden of Diseases, Injuries, and Risk Factors Study (GBD) 2019 provides a standardised and comprehensive assessment of the magnitude of risk factor exposure, relative risk, and attributable burden of disease.

**Methods** GBD 2019 estimated attributable mortality, years of life lost (YLLs), years of life lived with disability (YLDs), and disability-adjusted life-years (DALYs) for 87 risk factors and combinations of risk factors, at the global level, regionally, and for 204 countries and territories. GBD uses a hierarchical list of risk factors so that specific risk factors (eg, sodium intake), and related aggregates (eg, diet quality), are both evaluated. This method has six analytical steps. (1) We included 560 risk–outcome pairs that met criteria for convincing or probable evidence on the basis of research



**THE LANCET**

October 17, 2020

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**GBD Compare Database**

<http://vizhub.healthdata.org/gbd-compare/>

## Global: Comparison of GBD Estimates of ARDs Deaths

<http://vizhub.healthdata.org/gbd-compare/>

	GBD/Year	GBD2013 2013	GBD2015 2015	GBD2016 2016	GBD2017 2017	GBD2019 2019
Deaths						
Occup exposure to asbestos		194,252	180,225	222,321	232,442	239,333
Mesothelioma (occup) - A		25,212	22,822	27,612	27,447	26,820
Lung Cancer (occup) - B		166,774	154,601	181,450	191,335	198,703
Ovarin Cancer (occup) - C		1,273	1,397	6,022	6,292	6,557
Larynx Cancer (occup) - D		993	1,405	3,743	3,975	3,682
Asbestosis (occup) - E		-	-	3,495	3,393	3,572
Mesothelioma (total) - A+F		33,744	32,373	30,208	29,909	29,251
Mesothelioma (non-occup) - F		8,532	9,551	2,596	2,462	2,431
% of occupational - A/(A+F)		74.7%	70.5%	91.4%	91.8%	91.7%
LC / Meso - B/A		6.61	6.77	6.57	6.97	7.41
Asbestosis (total) - E+G		24,087	3,597	3,495	3,393	3,572
Asbestosis (non-occup) - G		-	-	0	0	0
Total = B+C+D+(A+F)+(E+G)		226,870	193,374	224,918	234,904	241,764