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Global Burden of Disease Study 2010

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Executive summary

The Global Burden of Disease Study 2010 (GBD 2010) is the largest ever systematic effort to describe the global distribution and causes of a wide array of major diseases, injuries, and health risk factors. The results show that infectious diseases, maternal and child illness, and malnutrition now cause fewer deaths and less illness than they did twenty years ago. As a result, fewer children are dying every year, but more young and middle-aged adults are dying and suffering from disease and injury, as non-communicable diseases, such as cancer and heart disease, become the dominant causes of death and disability worldwide. Since 1970, men and women worldwide have gained slightly more than ten years of life expectancy overall, but they spend more years living with injury and illness.

GBD 2010 consists of seven Articles, each containing a wealth of data on different aspects of the study (including data for different countries and world regions, men and women, and different age groups), while accompanying Comments include reactions to the study's publication from WHO Director-General Margaret Chan and World Bank President Jim Yong Kim. The study is described by Lancet Editor-in-Chief Dr Richard Horton as "a critical contribution to our understanding of present and future health priorities for countries and the global community."

Comments

GBD 2010: understanding disease, injury, and risk

R Horton

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From new estimates to better data

M Chan

[Full Text](#) | [PDF](#)

Data for better health—and to help end poverty

J Y Kim

[Full Text](#) | [PDF](#)

GBD 2010: a multi-investigator collaboration for global comparative descriptive

epidemiology

C J L Murray and others

[Full Text](#) | [PDF](#)

AIDS is not over

M Sidibé and others

[Full Text](#) | [PDF](#)

Should the GBD risk factor rankings be used to guide policy?

C Watts, S Cairncross

[Full Text](#) | [PDF](#)

A promise to save 100 000 trauma patients

H Shakur and others

[Full Text](#) | [PDF](#)

GBD 2010: design, definitions, and metrics

C J L Murray and others

[Full Text](#) | [PDF](#)

Articles

Age-specific and sex-specific mortality in 187 countries, 1970–2010: a systematic analysis for the Global Burden of Disease Study 2010

H Wang and others

[Summary](#) | [Full Text](#) | [PDF](#)

Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010

R Lozano and others

[Summary](#) | [Full Text](#) | [PDF](#)

Common values in assessing health outcomes from disease and injury: disability weights measurement study for the Global Burden of Disease Study 2010

J A Salomon and others

[Summary](#) | [Full Text](#) | [PDF](#)

Healthy life expectancy for 187 countries, 1990–2010: a systematic analysis for the Global Burden Disease Study 2010

J A Salomon and others

[Summary](#) | [Full Text](#) | [PDF](#)

Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010

T Vos and others

[Summary](#) | [Full Text](#) | [PDF](#)

Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010

C J L Murray and others

[Summary](#) | [Full Text](#) | [PDF](#)

A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990–2010: a systematic analysis for the Global Burden of Disease Study 2010

S S Lim and others

[Summary](#) | [Full Text](#) | [PDF](#)

Special Report

The story of GBD 2010: a "super-human" effort

P Das, U Samarasekera

[Full Text](#) | [PDF](#)

Correspondence

Disability weights for vision disorders in Global Burden of Disease study

H R Taylor, J B Jonas, J Keefe, J Leasher, K Naidoo, K Pesudovs, S Resnikoff [Full Text](#) | [PDF](#)

Disability weights for vision disorders in Global Burden of Disease study - Authors' reply

J A Salomon, T Vos, C J L Murray [Full Text](#) | [PDF](#)