The health of Queenslanders 2016. Report of the Chief Health Officer Queensland

Distribution of burden of disease (DALYs) by cause, Queensland 2011

All causes 907,269

Non-communicable 758,807

Injury 94,069

Communicable, maternal, and neonatal 54,393

Reproductive/maternal 8,591

Infant/congenital 30,441

Infections 15,360

Blood/metabolic 10,491

Kidney/urinary 11,708

Skin 15,158

Hearing/vision 18,093

Oral 20,042

Endocrine 21,960

Gastrointestinal 27,891

Neurological 54,249

Respiratory 75,407

Mental 102,552

Musculoskeletal 106,450

Cardiovascular 132,147

Cancer 162,661

Unintentional 58,667

Intentional 35,402

Infant/congenital 30,441

Infections 15,360

Reproductive/maternal 8,591

Communicable, maternal, and neonatal 54,393

All causes 907,269

Source: AIHW Australian Burden of Disease Study 2011
Burden of disease is a complex methodology to assess total health loss. It considers premature fatal outcomes as well as loss of healthy life (disability) and expresses both in a single metric, the disability adjusted life year (DALY). Outputs from these studies are subject to methodological change, multiple assumptions and varying data sources and, as such, results may vary between studies. As a result, there is some divergence in results for Australia between the 2013 Global Burden of Disease study and the 2011 Australian Burden of Disease Study. We report here on the Queensland results of the 2011 Australian Burden of Disease Study.

Burden of disease = years of life lost + years lost to disability

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\text{DALYs} = \text{YLL} + \text{YLD}
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There were over 900,000 DALYs experienced by Queensland residents in 2011, of these 84% (758,807) were non-communicable, 10% (94,069) were due to injuries and 6% (54,393) due to communicable, maternal and neonatal causes. The above chart displays the proportional distribution of burden of disease down to the broad cause group. For further information on the Australian Burden of Disease Study 2011 including the disease groupings and related ICD-10 codes see http://www.aihw.gov.au/burden-of-disease/.

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