

Population growth and ageing the main contributors to increasing number of cancers in Queensland

The number of new cases of cancer diagnosed in a year in Queensland rose from 8,273 in 1982 to 23,697 in 2010. Population ageing, population growth, and an increase in the rate of cancer incidence all contributed to this near 3-fold increase in cancer cases over those 29 years.

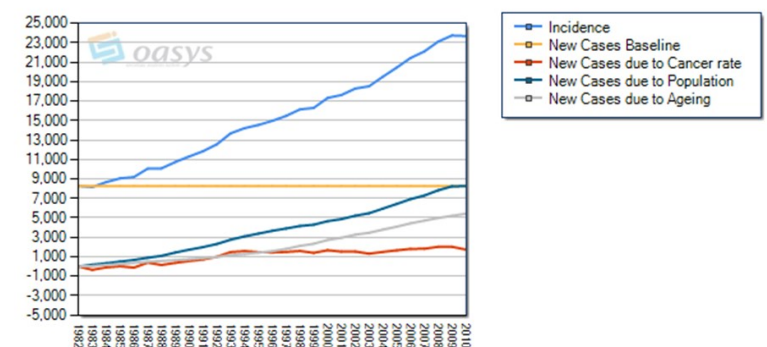
Between 1982 and 2010 Queensland's population nearly doubled, from 2.4 million to 4.4 million¹. This population growth accounted for 54% of the increase in new cases of cancer over this period.

In 1982 28% of Queensland's population was aged 45 or older. By 2010 this age group accounted for 38% of the Queensland population. This higher proportion of older people in Queensland accounted for 35% of the increase in new cases of cancer between 1982 and 2010, as older people are more likely to develop cancer.

The aged standardised cancer rate in Queensland rose only slightly between 1982 and 2010. This reflects the fact that an increase in the rate of cancer accounted for 11% of the increase in new cases of cancer over this period, much smaller than the increase that can be attributed to population growth and ageing.

1. Australian Bureau of Statistics. Australian Demographic Statistics (cat. no. 3101.0). Available at <http://www.abs.gov.au/AUSSTATS/abs@.nsf/second+level+view?ReadForm&prodno=3101.0&viewtitle=Australian%20Demographic%20Statistics~Dec%202012~Latest~20/06/2013&&tabname=Past%20Future%20Issues&prodno=3101.0&issue=Dec%202012&num=&view=&>

Queensland Invasive Cancer Incidence, New Cases Baseline, New Cases due to Cancer rate, New Cases due to Population and New Cases due to Ageing for Year



Oncology Analysis System, Qld Cancer Control Analysis Team

For more information on cancer in Queensland, go to:

Queensland Cancer Control Analysis Team (QCCAT) home page at <https://qccat.health.qld.gov.au/>

Information on Oncology Analysis System (OASys) at <https://qccat.health.qld.gov.au/AboutOASys>

For full terms and definitions refer to

<https://qool.health.qld.gov.au/OASys/PresentationLayer/PublicPages/Help/index.html?glossary.html>

Citation: Material in this OASys Cancer Facts may be reproduced or copied without permission. The following citation must be used: Metro South Hospital & Health Service. Oncology Analysis System (OASys). Queensland Cancer Control Analysis Team: Brisbane; 2012.

This OASys Cancer Fact was prepared by the Queensland Cancer Control Analysis Team (QCCAT), Metro South Hospital & Health Service.