

## Cancer rates and mortality differ by remoteness of usual residence

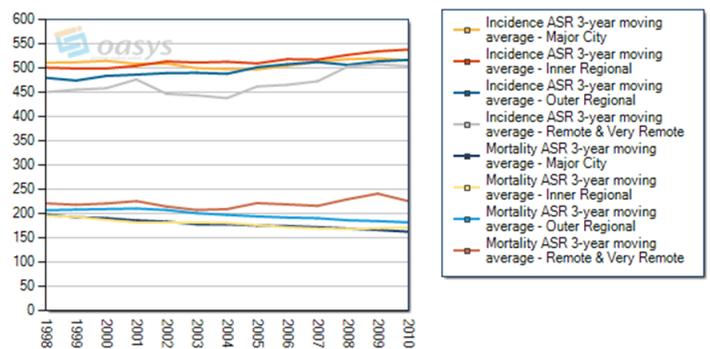
In the thirteen years from 1998 to 2010, people living in 'Remote & Very Remote' areas of Queensland tended to have lower incidence rates of cancer than people living in other areas of Queensland, but higher mortality rates.

The lower incidence rate most likely reflects a lack of access to screening processes, while the higher mortality rate most likely reflects a lack of access to treatment processes. Therefore, improved cancer screening of people living in remoter areas of Queensland may lead to an increase in incidence rates, while better access to treatment should lead to lower mortality rates.

However, this overall pattern in incidence and mortality rates is not evident in all of the five most common cancers with respect to incidence – prostate, melanoma, colorectal, breast, and lung.

Prostate – Similar to the overall pattern with respect to incidence and mortality rates for people living in remote areas of Queensland when compared to those living in other areas of Queensland, in that incidence tends to be lower while mortality tends to be higher.

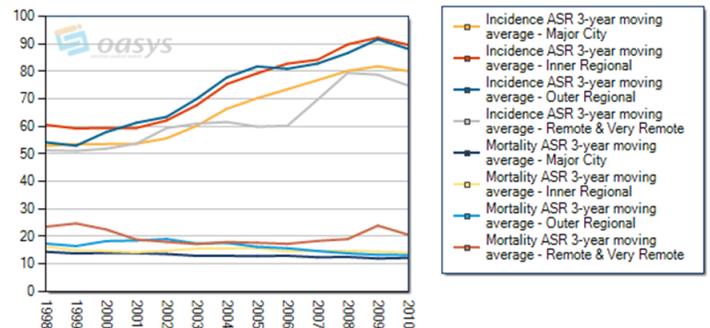
Queensland Invasive Cancer  
Incidence ASR 3-year moving average and Mortality ASR 3-year moving average for Year by Residence



Oncology Analysis System, Qld Cancer Control Analysis Team

Queensland Invasive Cancer  
Incidence ASR 3-year moving average and Mortality ASR 3-year moving average for Year by Residence

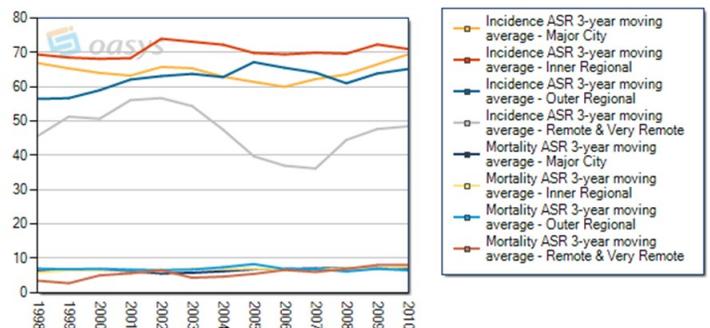
Cancer: Prostate



Oncology Analysis System, Qld Cancer Control Analysis Team

Queensland Invasive Cancer  
Incidence ASR 3-year moving average and Mortality ASR 3-year moving average for Year by Residence

Cancer: Melanoma



Oncology Analysis System, Qld Cancer Control Analysis Team

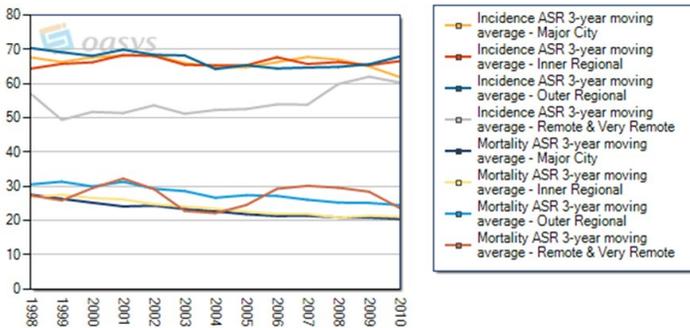
# OASys Cancer Facts

QUEENSLAND CANCER CONTROL ANALYSIS TEAM

December 2013

Queensland Invasive Cancer  
Incidence ASR 3-year moving average and Mortality ASR 3-year moving average  
for Year by Residence

Cancer: Colorectal



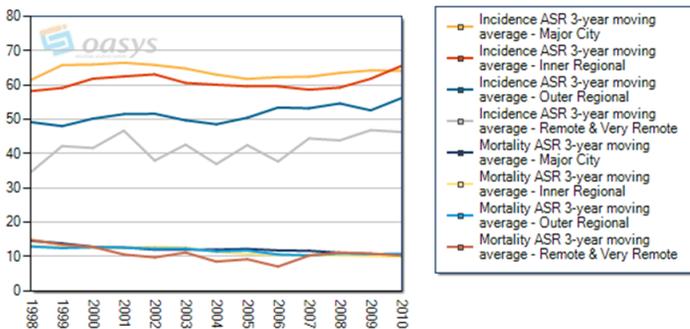
Oncology Analysis System, Qld Cancer Control Analysis Team

Melanoma – Unlike the overall pattern, the rate of incidence is far lower for people living in remote areas when compared those living in other areas, but the rate of mortality is essentially the same.

Colorectal – While the gap in the rate of incidence between those living in remote areas and those living in other areas was historically very wide, this has closed in recent years – perhaps reflecting the implementation of the national bowel cancer screen program. The difference in mortality rate between those living in remote areas and those living in other areas has varied markedly over time .

Queensland Invasive Cancer  
Incidence ASR 3-year moving average and Mortality ASR 3-year moving average  
for Year by Residence

Cancer: Breast

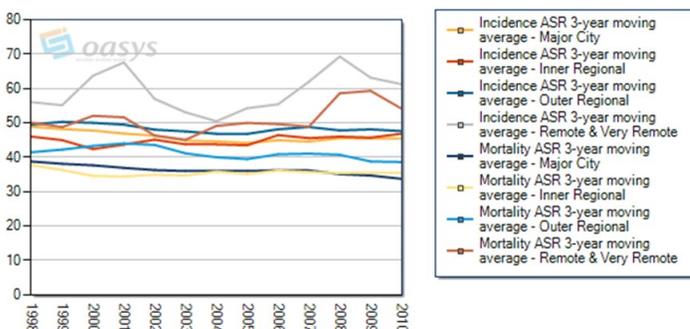


Oncology Analysis System, Qld Cancer Control Analysis Team

Breast – The lower rate of incidence for people living in remote areas when compared to those living in other areas is more evident than in the overall pattern. Unlike the overall pattern, the rate of mortality is essentially the same for people living in remote areas as those living in other areas.

Queensland Invasive Cancer  
Incidence ASR 3-year moving average and Mortality ASR 3-year moving average  
for Year by Residence

Cancer: Lung



Oncology Analysis System, Qld Cancer Control Analysis Team

Lung – Unlike the overall pattern, people living in remote areas of Queensland generally have both a higher rate of incidence and a higher rate of mortality than those living in other areas of Queensland.

**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.