

OFFICIAL

**Supporting
your state
of wellbeing**

Cancer in South Australia 2020

With projections to 2023



**Government
of South Australia**

Wellbeing SA

Acknowledgments

The South Australian Cancer Registry (SACR), operating within the Prevention and Population Health Directorate of Wellbeing SA, relies on the cooperation of a large number of agencies and clinicians to provide it with the vital information required to succeed.

The SACR would like to thank the health information managers, clinicians, hospitals, radiotherapy centres and pathology laboratories for their continued support of the registry. The valued support of the Registrar of Births, Deaths and Marriages is also appreciated. The interactions between the registry and its stakeholders are very positive and greatly appreciated.

The dedicated work of the staff in the registry is gratefully acknowledged:

Rhonda Pfeiffer - Registrar

Cancer Registry officers:

Cathy Wiesner

Kylie Parrott

Sonya Clarke

Anna-Liisa Skene

Debra Whyatt

Emily Whyatt

Chelsea Murphy

Stephen Corns – Information Systems Coordinator

Ben Krumeich – Epidemiologist

Dr Rebecca Nolan - Manager, Data, Analysis and Reporting

Dr Iordan Kostadinov - Epidemiologist

Britt Catcheside – Epidemiologist

Dr Suresh Joshi – Epidemiologist

Dr Rosie Meng – Epidemiologist

Dr Kamalesh Venugopal – Head Statistician

Helen Thomas – Director, Epidemiology Branch

Professor Katina D'Onise – Executive Director, Prevention and Population Health Directorate

Contents

Acknowledgments	2
Contents	4
List of Tables	5
List of Figures	5
Executive Summary	6
Introduction	7
Annual Report	7
The Collection	8
Data Sources	8
Quality Assurance	9
The Report	9
Most Common Cancers in 2020	10
Incidence	10
Mortality	16
Trends in Cancer Incidence and Mortality	22
Incidence	22
Mortality	23
Projections	24
Most Common Cancers	25
Appendix 1 – Methods and Terminology	30
Appendix 2 – List of Site-Specific Tables	32
Appendix 3 – Quality Measures	62

List of Tables

Table 1 - South Australian persons: incidence, age-standardised rates, lifetime risk, leading cancer types, 2020....	12
Table 2 - South Australian males: incidence, age-standardised rates, lifetime risk, leading cancer types, 2020.....	13
Table 3 - South Australian females: incidence, age-standardised rates, lifetime risk, leading cancer types, 2020...	14
Table 4 - South Australian persons: mortality, age-standardised rates, lifetime risk, leading cancer types, 2020	18
Table 5 - South Australian males: mortality, age-standardised rates, lifetime risk, leading cancer types, 2020	19
Table 6 - South Australian females: mortality, age-standardised rates, lifetime risk, leading cancer types, 2020	20
Table 7 - Male cancer incidence, mortality rates (2020) and projections (2020-2023), South Australia	24
Table 8 - Female cancer incidence, mortality rates (2020) and projections (2020-2023), South Australia	24

List of Figures

Figure 1 - Most common cancers in South Australia 2020 – Males.....	10
Figure 2 - Most common cancers in South Australia 2020 – Females	11
Figure 3 - Most common cancers in South Australia 2020, by age group	15
Figure 4 - Most common cancer deaths in South Australia 2020 – Males.....	16
Figure 5 - Most common cancer deaths in South Australia 2020 – Females	16
Figure 6 - Most common cancer deaths in South Australia 2020, by age group	21
Figure 7 - Trends in cancer incidence - numbers and rates, South Australia, 1977-2020.....	22
Figure 8 - Trends in cancer mortality - numbers and rates, South Australia, 1977-2020	23
Figure 9 - Breast cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023	25
Figure 10 - Prostate cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023	26
Figure 11 - Lung cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023	27
Figure 12 - Colorectal cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023	28
Figure 13 - Melanoma incidence and mortality, South Australia, 1977-2020 with projections to 2023.....	29

Executive Summary

In 2020 there were 10,995 new cases of cancer diagnosed in South Australia (age standardised rate 508.0 per 100,000 population), while there were 3,886 cancer deaths (168.7 per 100,000 population). The COVID-19 pandemic brought many challenges in the 2020 calendar year, particularly for the health sector. In 2020 in South Australia the number of new cancer diagnoses declined by an estimated 4.2%. One possibility for this decrease could be a decrease in people seeking cancer screening or medical assessments during the pandemic. The evidence to support a reason for this decline is not year clear, and analysis of the 2021 data may provide further information.

Between 2016 and 2020 male incidence rates increased by 1.7% per annum, while female incidence rates decreased by 0.6% per annum. Mortality rates in males increased by 0.1% per annum between 2016 and 2020 and females have shown a decrease of 0.7%.

Cancer is a disease predominantly affecting the older population. In South Australia in 2020 people aged over 65 accounted for 63.9% of all cancers and 80.8% of all cancer deaths. The lifetime risk of being diagnosed with cancer in South Australia (calculated to age 75) was 1 in 3 for males and 1 in 4 for females. The lifetime risk of mortality from cancer in South Australia was 1 in 11 for males and 1 in 14 for females.

In 2020 the most common cancers for males were prostate cancer, which accounted for 30.7% of all male cancers, colorectal cancer (9.4%) and lung cancer (9.0%). The most common cancers for females in 2020 were breast cancer, which accounted for 28.5% of all female cancers, colorectal cancer (11.1%) and lung cancer (9.5%).

Lung cancer remained the leading cause of cancer death among South Australian males (20.0%), followed by prostate cancer (11.9%) and colorectal cancer (9.8%). Lung cancer (17.4%), breast cancer (12.8%) and colorectal cancer (11.5%) were the leading causes of cancer deaths among females in South Australia during 2020.

Lung cancer incidence rates in males have increased by 1.0% per annum between 2016 and 2020, however rates are projected to plateau between 2020 and 2023. Mortality rates have increased by 0.9% per annum over the same period, however long term trends indicate mortality rates have decreased and are projected to continue to decrease between 2020 and 2023. Lung cancer incidence rates in females have decreased by 1.3% per annum between 2016 and 2020, however longer term trends show an increasing rate and rates are projected to increase between 2020 and 2023. Mortality rates have decreased by 2.4% per annum between 2016 and 2020 and are projected to plateau between 2020 and 2023.

Prostate cancer incidence rates in South Australia have increased by 6.5% per annum between 2016 and 2020, and mortality rates have decreased by 1.8% per annum over the same period. Prostate cancer incidence rates are projected to increase, while mortality rates are projected to decrease slightly between 2020 and 2023.

Melanoma incidence rates in males increased by 2.7% per annum between 2016 and 2020, while mortality rates have decreased by 2.4% per annum over the same period. Melanoma incidence rates in females have decreased by 0.6% per annum between 2016 and 2020, while mortality rates have decreased by 0.3% per annum.

Introduction

Annual Report

The South Australian Cancer Registry (SACR) has been collecting data on cancer incidence and mortality since 1977. Information on new cancers and cancer related deaths are notified under the Health Care Act 2008. Pathology laboratories and health care institutions are required to notify the SACR of any cancer diagnosed at their facility. The Cancer in South Australia 2020 report presents the cancer data for 2020, describes the trends in cancer in South Australia over the years 2016-2020, and projects incidence and mortality rates from 2020 to 2023.

The collection is a rich source of data that has many uses to support the control of cancer. Data are used to describe trends in cancer incidence and death in South Australia. They inform cancer service planning, health policy and also help evaluate cancer prevention, screening and treatment services, as well as identifying issues for population-specific groups. The SACR enables surveillance of trends in cancer incidence, mortality and survival within South Australia by cancer type and by age, sex, geographic area of residence and diagnostic period. It also allows comparison nationally and internationally using agreed standards, by providing South Australian cancer data to the Australian Institute of Health and Welfare's Australian Cancer Database, and to the International Agency for Research on Cancer.

Continuous monitoring permits a prompt response to public concerns about clusters of cancers or regional elevations. This has been an area of increased activity for SACR staff in recent years.

South Australia also has a separate clinical cancer registry, which collects more detailed information including stage, grade, initial course of treatment, and a range of prognostic factors for specific tumour sites. The clinical registry allows clinicians to add information on stage of progression of disease at diagnosis, other prognostic indicators, initial round of treatment, and initial response to care. The clinical cancer registry is used by clinicians to monitor changing patterns of care and effects of these changes on survival rates and other case outcomes. These data are used to support clinical epidemiological studies where more detailed information is required.

The SACR is working towards inclusion of registry-derived stage at diagnosis at the population level. The Health Care (Reporting of Cancer) Regulations under the *Health Care Act 2008* were amended in June 2017 to include notification of stage at diagnosis and non-malignant tumours of the Central Nervous System as new items for cancers diagnosed from June 2017 onwards.

The Collection

The SACR collects information on all invasive cancers. Non-melanoma skin cancers are only collected for squamous cell carcinoma of the lip and for skin of genitalia and perineum and for basal cell carcinoma of the skin of genitalia and perineum.

The SACR collects a minimum data set for each cancer case, including such elements as place of residence, sex, date of birth, date of diagnosis, cancer site and morphology, means of diagnosis, whether there were multiple primary sites of cancer, Aboriginal status, country of birth, and date, place and cause of death, where applicable.

The primary site and morphology of South Australian cancer incidence are coded using the third edition of the International Classification of Diseases for Oncology (ICD-O-3). For most ICD-O-3 sites reported here, topography codes were used, except for a small number of sites including haematological malignancies when a combination of morphology and topography codes was used. For ease of reference a list of all sites and their ICD-O-3 codes have been summarised in Appendix 2. In reports prior to 2008, the primary sites of cancers diagnosed in South Australia were coded using the International Classification of Diseases, Ninth Edition (ICD-9-CM Australian version). The morphologies were coded according to the Systematised Nomenclature of Medicine and Modifications (SNOMED). In published reports from 2011 – 2014 cause of death was coded in ICD-10-AM, 7th Edition. From the 2015 report onwards, deaths were coded and tabulated using ICD-O-3.

The SACR has used the Surveillance, Epidemiology and End Results Program (SEER) Multiple Primary Rules for all cases diagnosed from 2011 onwards (the rules can be found at: <http://seer.cancer.gov/tools/mphrules/>). These rules are based on site and histology and guide registration of multiple primaries per individual in a standardised way. These rules have the effect of increasing the number of cases registered, as cancers that would previously not be recorded, for example a second case of breast cancer in an individual, could now be recorded according to the SEER Multiple Primary rules.

In order to ensure ongoing comparability of the cancer data over time, the information presented for 2020 has been reduced to a single primary according to the specifications of the International Association of Cancer Registries (see at: http://www.iacr.com.fr/images/doc/MPrules_july2004.pdf). This will also have the effect of making the SACR cancer report comparable with other jurisdictions in Australia that use the same process to reduce cancer registrations to a single primary.

Data Sources

Primary sources of information include pathology laboratories, hospitals, radiotherapy departments and the Registrar of Births, Deaths and Marriages (BDM). Notifications are mandated by the Health Care (Reporting of Cancer) Regulations under the *Health Care Act 2008*. The information is refined through contact with the primary health-care sector and with other cancer registries, resulting in near 100% ascertainment.

The SACR has focussed on increasing the proportion of electronic notifications over the past decade. These changes have increased the efficiency of coding and data processing and have also increased the ascertainment of cases by automating notification to a greater degree. For cancers diagnosed in 2020 it is estimated that the SACR received 95% of all notifications electronically.

Quality Assurance

The SACR has a number of processes that enhance the quality of the data collected. Notification from multiple sources for a given case of cancer increases the likelihood that the case will be recorded. An attempt is made with all notified cases to trace pathology if it is missing as the definitive source to record the detail of the cancer. The SACR undertakes an annual internal de-duplication procedure to ensure there are no duplicate individuals on the database. In addition, a number of quality assurance checks are run over the cancer data to ensure that the high quality data within the registry is maintained. A new suite of quality assurance checks were implemented for cases diagnosed in 2016 onwards that query the SACR database in real time, allowing more timely quality assurance activities to be undertaken by coding staff.

The Registry Plus software system that is used by the SACR also has a number of features inbuilt to enhance the quality of data entered. Electronic notification reduces the risk of error by erroneous keying in of information. There are a series of validation checks that report in real time possibly inconsistent information such as certain sex/cancer combinations, morphology/topography combinations, age/cancer combinations so that they may be corrected before the case reaches the database. Additionally, prior to reporting the data, a series of internal checks are undertaken looking for possible errors and these are reviewed and corrected if necessary.

The SACR supports standardised coding through development and implementation of coding manuals and regular internal coding meetings to discuss any difficulties on classifying a notified cancer.

The Report

The SACR database is continually updated with the most recent available information. Accordingly, numbers in this report for earlier years may vary slightly from those in previous publications, with some South Australian cases eventually found to have been diagnosed elsewhere or diagnosed in earlier years. Death certificate information can reveal information about a person's cancer history and often leads to investigation which can also affect case numbers. As an example, in the 2015 SACR annual report there were 10,008 new cancers reported, and our currently reported total for 2015 cancers is 10,262.

Included in this report are the most common cancers in terms of incidence, mortality, age and sex differences, and distribution by age. Trends are also examined in cancer incidence and mortality for each major cancer site, with projections to 2023.

Appendix 1 outlines the methods used in the report. Appendix 2 outlines the topography/morphology codes that were used to create the report categories and Appendix 3 presents quality measures for the SACR. This includes the proportion of Death Certificate Only cases among other measures.

Most Common Cancers in 2020

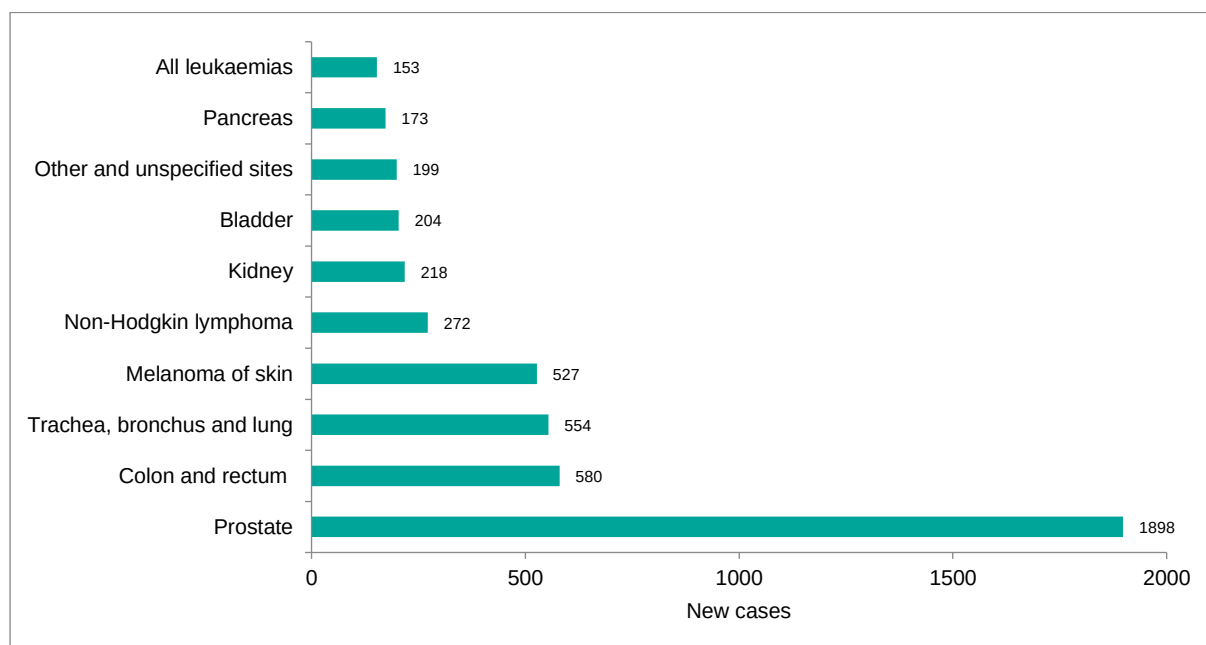
There are many types of cancer, varying by site of origin (primary site) and by tumour type (histology). This section describes the patterns of the most common invasive cancers by primary site in South Australia for 2020, examining incidence (new cases) and mortality (deaths), by both sex and age groups.

Incidence

In 2020, there were 10,995 new diagnoses of cancer in South Australia (Table 1). There were 6,175 cancers diagnosed in males (ASR 595.6 per 100,000) and 4,820 in females (ASR 433.7 per 100,000) resulting in an age-adjusted male-female ratio of 1.37. (Table 2 and Table 3). Cancers in males accounted for 56.2% of all cases, with 1 in 3 males and 1 in 4 females being diagnosed with invasive cancer in their lifetime (calculated to age 75, see Methods and Terminology).

Prostate cancer was the most commonly reported cancer in males, accounting for 30.7% of all cancers. Colorectal cancer (9.4%), lung cancer (9.0%), melanoma of skin (8.5%), and Non-Hodgkin Lymphoma (4.4%) were the next most common cancers among males. These five cancers accounted for 62.0% of all newly diagnosed cancers among males in 2020 (Table 2 and Figure 1).

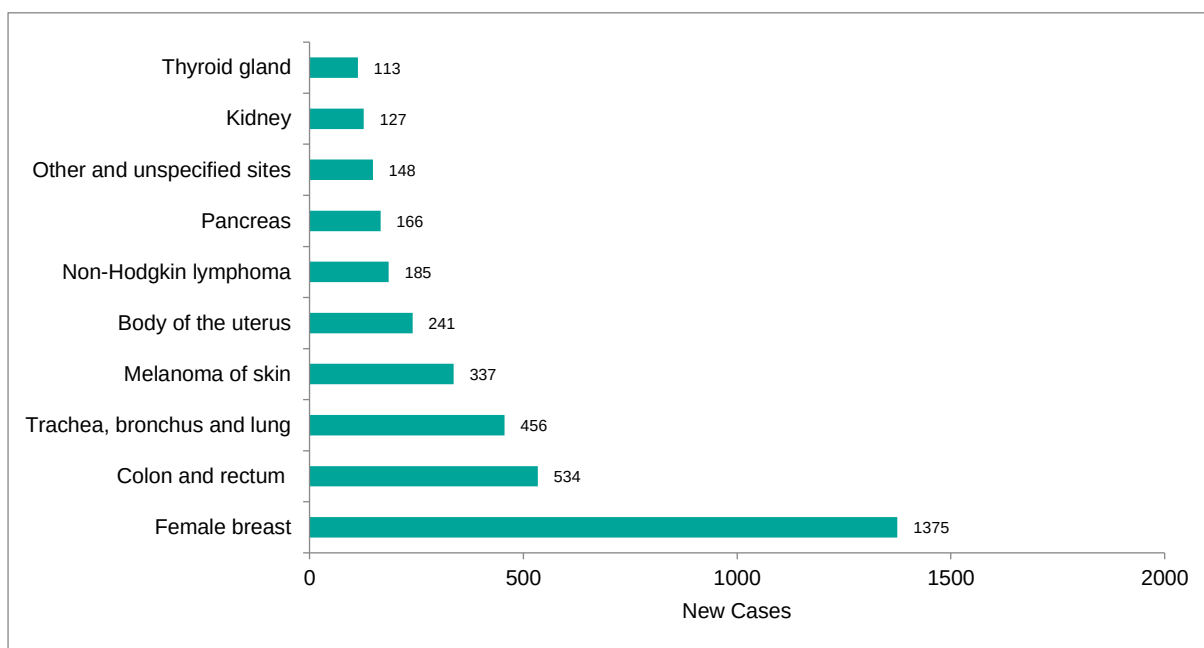
Figure 1 - Most common cancers in South Australia 2020 – Males



OFFICIAL

Breast cancer remained the most commonly reported cancer in females, accounting for 28.5% of all cancers, followed by colorectal cancer (11.1%), lung cancer (9.5%), melanoma of skin (7.0%) and uterine cancers (5.0%). These five cancers accounted for 61.1% of all cancers diagnosed among females in 2020 (Table 3 and Figure 2).

Figure 2 - Most common cancers in South Australia 2020 – Females



Cancer was predominantly a disease of the elderly in South Australia with 63.9% occurring in the 65 years and over age group (7,022 cases, Table A2.61).

In children under the age of 15 years, there were 51 cases of cancer diagnosed in 2020, 31 males and 20 females (Table A2.61). The most common childhood cancers were leukaemia (24 cases) and brain cancer (8 cases) (Figure 3).

For people in the 15 to 44 year age group there were 682 cancers diagnosed in 2020, 274 males and 408 females (Table A2.61). The most common cancers in this age group were female breast cancer (127 cases), melanoma of skin (78 cases), colorectal cancer (70 cases), testicular cancer (50 cases), and thyroid cancer (48 cases, Figure 3).

In the 45 to 64 year age group there were 3,240 cancers diagnosed in 2020 – 1,710 males and 1,530 females (Table A2.61). The most common cancers in this age group were female breast cancer (580 cases), prostate cancer (516 cases), colorectal cancer (347 cases), melanoma of skin (265 cases), and lung cancer (232 cases) (Figure 3).

Below the age of 55, female cases for all cancers (1,022 cases) outnumber male cases (741 cases). This trend reverses from 55 years of age, when male cases predominate (58.9% of cases). This is due largely to female breast cancer cases in the 35 to 54 age group and prostate and lung cancer in the over 55 year male age group (Tables A2.19, A2.28 and A2.38).

In those aged 65 years and over there were 7,022 cancers diagnosed in 2020 – 4,160 male cancers and 2,862 female cancers (Table A2.61). The most common cancers in this age group were prostate cancer (1,373 cases), lung cancer (760 cases), colorectal cancer (697 cancers), female breast cancer (668 cases) and melanoma of skin (521 cases) (Figure 3). Colorectal cancer is traditionally diagnosed in older patients although the South Australian data for 2020 show that incidence is beginning from age 15 years, increasing steadily to age 85 years and over (Table A2.12).

OFFICIAL

Table 1 - South Australian persons: incidence, age-standardised rates, lifetime risk, leading cancer types, 2020

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Prostate	1898	83.2	55.1	1 in 15	17.3
Female breast	1375	67.6	49.2	1 in 19	12.5
Colon and rectum	1114	51.9	34.5	1 in 30	10.1
Trachea, bronchus and lung	1010	44.4	27.8	1 in 34	9.2
Melanoma of skin	864	40.7	28.1	1 in 36	7.9
Non-Hodgkin lymphoma	457	21.1	14.4	1 in 67	4.2
Other and unspecified sites	347	15.3	9.0	1 in 126	3.2
Kidney	345	16.2	11.5	1 in 77	3.1
Pancreas	339	14.8	9.1	1 in 106	3.1
Bladder	273	11.6	6.6	1 in 161	2.5
All leukaemias	261	12.6	9.7	1 in 127	2.4
Body of the uterus	241	11.4	8.1	1 in 105	2.2
Liver and intrahepatic bile ducts	182	8.2	5.4	1 in 163	1.7
Stomach	170	7.8	5.1	1 in 183	1.5
Thyroid gland	163	8.8	7.3	1 in 151	1.5
Multiple myeloma/Plasma cell tumours	163	7.2	4.4	1 in 236	1.5
Connective and other soft tissue	150	6.9	4.6	1 in 261	1.4
Brain	147	7.1	5.6	1 in 188	1.3
Oesophagus	132	5.9	3.8	1 in 221	1.2
Gallbladder and bile ducts	97	4.2	2.5	1 in 440	0.9
Myelodysplastic syndromes	95	4.0	2.2	1 in 527	0.9
Ovary	90	4.5	3.3	1 in 330	0.8
Tongue	77	3.9	2.8	1 in 332	0.7
Cervix uteri	69	4.0	3.6	1 in 339	0.6
Testis	68	4.1	4.1	1 in 330	0.6
Oropharynx	62	3.0	2.2	1 in 377	0.6
Small intestine	57	2.6	1.8	1 in 503	0.5
Other chronic myeloproliferative and haematological disorders	57	2.6	1.6	1 in 717	0.5
Heart, mediastinum and pleura	54	2.2	1.3	1 in 1109	0.5
Skin of lip	54	2.6	1.8	1 in 571	0.5
Hodgkin lymphoma	50	2.8	2.6	1 in 498	0.5
Lip	46	2.2	1.5	1 in 653	0.4
Mouth	45	2.0	1.3	1 in 684	0.4
Renal pelvis, other and unspecified urinary organs	42	1.7	0.9	1 in 1173	0.4
Eye	42	2.1	1.5	1 in 711	0.4
Anus, anal canal, anorectum	41	2.0	1.5	1 in 623	0.4
Retroperitoneum and peritoneum	38	1.6	1.0	1 in 978	0.3
Larynx	33	1.6	1.1	1 in 905	0.3
Vulva	30	1.4	0.9	1 in 1196	0.3
Other and unspecified female genitalia	30	1.4	0.9	1 in 1027	0.3
Salivary gland	24	1.1	0.7	1 in 1469	0.2
Bone, joints and articular cartilage	22	1.2	1.1	1 in 1138	0.2
Polycythaemia vera	18	0.8	0.5	1 in 1852	0.2
Hypopharynx	16	0.7	0.5	1 in 1675	0.1
Male breast	15	0.7	0.4	1 in 2667	0.1
Nose, nasal cavities, middle ear and accessory sinuses	13	0.6	0.5	1 in 2677	0.1
Cranial nerves, spinal cord, meninges etc.	11	0.5	0.4	1 in 2929	0.1
Nasopharynx	10	0.5	0.4	1 in 2308	0.1
Skin of anus (including perineum, perianal skin)	10	0.4	0.3	1 in 2164	0.1
Other lymphomas	10	0.4	0.2	1 in 6349	0.1
Penis	9	0.4	0.3	1 in 2856	0.1
Immunoproliferative neoplasms	8	0.3	0.2	1 in 11150	0.1
Unspecified sites - lip, oral cavity and pharynx	6	0.3	0.2	1 in 5221	0.1
Vagina	6	0.3	0.1	1 in 9310	0.1
Thymus	5	0.3	0.2	1 in 4079	0.0
Other male genital organs	1	0.0	0.0	N/A	0.0
Other endocrine glands	1	0.1	0.1	1 in 19691	0.0
Mast cell tumours	1	0.1	0.1	1 in 23735	0.0
Malignancy of histiocytes and accessory lymphoid cells	1	0.1	0.1	1 in 21216	0.0
All cancers	10995	508.0	346.2	1 in 3	100.0

Notes: See Appendix 2 for ICD-O-3 coding ranges

Other coding groups of interest (eg Mesothelioma, Leukaemias, Melanomas etc) can be found in Tables A2.62-A2.82

Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

Age-standardised rates are expressed per 100,000 and standardised to the new World standard population 2011 ASR (W)

Lifetime risk is calculated to age 75. Where risk marked N/A not calculated due to unreliable calculation

Table 2 - South Australian males: incidence, age-standardised rates, lifetime risk, leading cancer types, 2020

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Prostate	1898	175.2	115.1	1 in 7	30.7
Colon and rectum	580	58.2	38.9	1 in 26	9.4
Trachea, bronchus and lung	554	52.6	31.9	1 in 31	9.0
Melanoma of skin	527	52.0	34.3	1 in 30	8.5
Non-Hodgkin lymphoma	272	26.6	17.7	1 in 55	4.4
Kidney	218	21.3	14.8	1 in 59	3.5
Bladder	204	19.1	10.8	1 in 102	3.3
Other and unspecified sites	199	19.3	11.5	1 in 97	3.2
Pancreas	173	16.4	10.3	1 in 93	2.8
All leukaemias	153	15.7	11.6	1 in 112	2.5
Liver and intrahepatic bile ducts	126	12.0	7.6	1 in 113	2.0
Stomach	106	10.4	6.8	1 in 140	1.7
Oesophagus	105	9.9	6.5	1 in 122	1.7
Multiple myeloma/Plasma cell tumours	104	9.9	6.0	1 in 181	1.7
Connective and other soft tissue	99	9.8	6.4	1 in 191	1.6
Brain	89	9.1	7.1	1 in 150	1.4
Testis	68	8.2	8.1	1 in 164	1.1
Myelodysplastic syndromes	63	5.9	3.3	1 in 376	1.0
Thyroid gland	50	5.4	4.3	1 in 257	0.8
Tongue	48	5.0	3.5	1 in 252	0.8
Oropharynx	46	4.7	3.4	1 in 248	0.7
Heart, mediastinum and pleura	43	3.9	2.1	1 in 694	0.7
Gallbladder and bile ducts	42	4.0	2.3	1 in 484	0.7
Other chronic myeloproliferative and haematological disorders	37	3.7	2.3	1 in 511	0.6
Lip	35	3.5	2.3	1 in 404	0.6
Skin of lip	34	3.6	2.6	1 in 376	0.6
Mouth	28	2.7	1.8	1 in 489	0.5
Small intestine	28	2.7	1.7	1 in 515	0.5
Larynx	27	2.8	1.8	1 in 526	0.4
Hodgkin lymphoma	27	3.1	3.0	1 in 440	0.4
Eye	26	2.8	2.1	1 in 592	0.4
Renal pelvis, other and unspecified urinary organs	23	2.1	1.1	1 in 1010	0.4
Bone, joints and articular cartilage	18	2.0	2.0	1 in 687	0.3
Male breast	15	1.5	0.9	1 in 1299	0.2
Hypopharynx	13	1.2	0.8	1 in 877	0.2
Polycythaemia vera	13	1.3	0.8	1 in 1227	0.2
Salivary gland	12	1.2	0.8	1 in 1427	0.2
Anus, anal canal, anorectum	12	1.1	0.8	1 in 943	0.2
Nose, nasal cavities, middle ear and accessory sinuses	10	1.0	0.9	1 in 1320	0.2
Penis	9	0.9	0.6	1 in 1384	0.1
Retroperitoneum and peritoneum	7	0.6	0.4	1 in 2355	0.1
Other lymphomas	7	0.7	0.4	1 in 3093	0.1
Nasopharynx	5	0.5	0.4	1 in 2072	0.1
Skin of anus (including perineum, perianal skin)	5	0.5	0.3	1 in 2394	0.1
Immunoproliferative neoplasms	5	0.5	0.2	1 in 10535	0.1
Unspecified sites - lip, oral cavity and pharynx	4	0.4	0.3	1 in 2556	0.1
Cranial nerves, spinal cord, meninges etc.	3	0.3	0.2	1 in 9446	0.0
Thymus	2	0.2	0.2	1 in 4841	0.0
Other male genital organs	1	0.1	0.1	N/A	0.0
Mast cell tumours	1	0.1	0.1	1 in 11728	0.0
Malignancy of histiocytes and accessory lymphoid cells	1	0.1	0.2	1 in 10890	0.0
All cancers	6175	595.6	393.5	1 in 3	100.0

Notes: See Appendix 2 for ICD-O-3 coding ranges

Other coding groups of interest (eg Mesothelioma, Leukaemias, Melanomas etc) can be found in Tables A2.62-A2.82

Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

Age-standardised rates are expressed per 100,000 and standardised to the new World standard population 2011 ASR (W)

Lifetime risk is calculated to age 75. Where risk marked N/A not calculated due to unreliable calculation.

OFFICIAL

Table 3 - South Australian females: incidence, age-standardised rates, lifetime risk, leading cancer types, 2020

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Female breast	1375	130.2	95.6	1 in 10	28.5
Colon and rectum	534	46.1	30.4	1 in 35	11.1
Trachea, bronchus and lung	456	37.9	24.4	1 in 38	9.5
Melanoma of skin	337	31.3	22.8	1 in 44	7.0
Body of the uterus	241	22.0	15.7	1 in 54	5.0
Non-Hodgkin lymphoma	185	16.3	11.5	1 in 83	3.8
Pancreas	166	13.2	8.0	1 in 123	3.4
Other and unspecified sites	148	11.8	6.7	1 in 175	3.1
Kidney	127	11.7	8.4	1 in 110	2.6
Thyroid gland	113	12.1	10.3	1 in 108	2.3
All leukaemias	108	10.1	8.0	1 in 145	2.2
Ovary	90	8.6	6.4	1 in 169	1.9
Cervix uteri	69	7.8	7.1	1 in 172	1.4
Bladder	69	5.4	3.0	1 in 350	1.4
Stomach	64	5.4	3.6	1 in 258	1.3
Multiple myeloma/Plasma cell tumours	59	4.9	3.0	1 in 333	1.2
Brain	58	5.2	4.1	1 in 249	1.2
Liver and intrahepatic bile ducts	56	5.0	3.4	1 in 277	1.2
Gallbladder and bile ducts	55	4.4	2.7	1 in 405	1.1
Connective and other soft tissue	51	4.4	3.1	1 in 399	1.1
Myelodysplastic syndromes	32	2.4	1.3	1 in 847	0.7
Retroperitoneum and peritoneum	31	2.5	1.5	1 in 631	0.6
Vulva	30	2.6	1.7	1 in 614	0.6
Other and unspecified female genitalia	30	2.6	1.7	1 in 529	0.6
Tongue	29	2.9	2.2	1 in 474	0.6
Small intestine	29	2.7	1.9	1 in 490	0.6
Anus, anal canal, anorectum	29	2.8	2.1	1 in 470	0.6
Oesophagus	27	2.2	1.3	1 in 927	0.6
Hodgkin lymphoma	23	2.5	2.3	1 in 571	0.5
Skin of lip	20	1.6	1.0	1 in 1131	0.4
Other chronic myeloproliferative and haematological disorders	20	1.6	1.0	1 in 1168	0.4
Renal pelvis, other and unspecified urinary organs	19	1.4	0.7	1 in 1384	0.4
Mouth	17	1.3	0.8	1 in 1099	0.4
Oropharynx	16	1.5	1.1	1 in 750	0.3
Eye	16	1.4	1.0	1 in 883	0.3
Salivary gland	12	1.1	0.7	1 in 1512	0.2
Lip	11	1.0	0.6	1 in 1568	0.2
Heart, mediastinum and pleura	11	0.9	0.5	1 in 2533	0.2
Cranial nerves, spinal cord, meninges etc.	8	0.8	0.7	1 in 1756	0.2
Larynx	6	0.6	0.4	1 in 2838	0.1
Vagina	6	0.5	0.2	1 in 4819	0.1
Nasopharynx	5	0.4	0.3	1 in 2602	0.1
Skin of anus (including perineum, perianal skin)	5	0.4	0.3	1 in 1989	0.1
Polycythaemia vera	5	0.4	0.3	1 in 3535	0.1
Bone, joints and articular cartilage	4	0.3	0.2	1 in 3386	0.1
Hypopharynx	3	0.3	0.2	1 in 11659	0.1
Nose, nasal cavities, middle ear and accessory sinuses	3	0.2	0.1	N/A	0.1
Thymus	3	0.3	0.3	1 in 3532	0.1
Other lymphomas	3	0.2	0.1	N/A	0.1
Immunoproliferative neoplasms	3	0.2	0.1	1 in 11659	0.1
Unspecified sites - lip, oral cavity and pharynx	2	0.2	0.1	N/A	0.0
Other endocrine glands	1	0.1	0.2	1 in 9543	0.0
All cancers	4820	433.7	305.2	1 in 4	100.0

Notes: See Appendix 2 for ICD-O-3 coding ranges

Other coding groups of interest (eg Mesothelioma, Leukaemias, Melanomas etc) can be found in Tables A2.62-A2.82

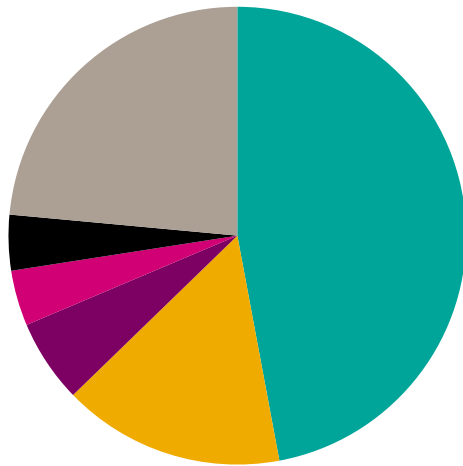
Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

Age-standardised rates are expressed per 100,000 and standardised to the new World standard population 2011 ASR (W)

Lifetime risk is calculated to age 75. Where risk marked N/A not calculated due to unreliable calculation.

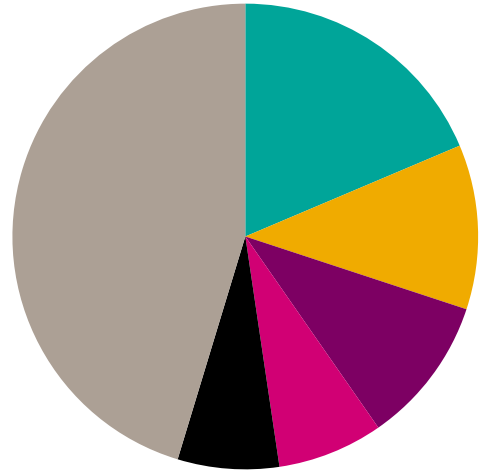
Figure 3 - Most common cancers in South Australia 2020, by age group

Ages 0 - 14 years (n=51)



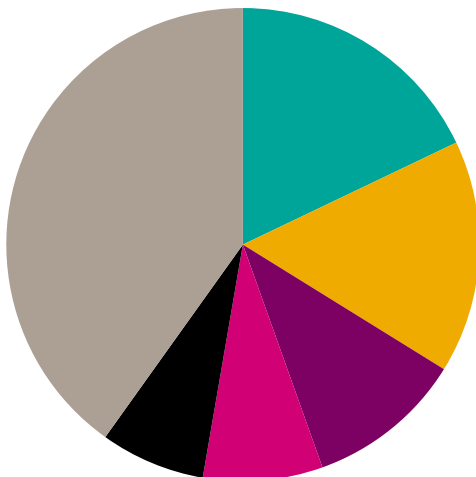
- All leukaemias - 47%
- Brain - 16%
- Connective and other soft tissue - 6%
- Bone, joints and articular cartilage - 4%
- Kidney - 4%
- Other cancers - 24%

Ages 15 - 44 years (n=682)



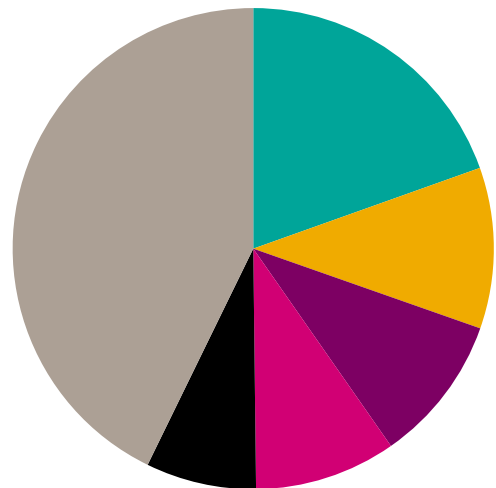
- Female breast - 19%
- Melanoma of skin - 11%
- Colon and rectum - 10%
- Testis - 7%
- Thyroid gland - 7%
- Other cancers - 45%

Ages 45 - 64 years (n=3,240)



- Female breast - 18%
- Prostate - 16%
- Colon and rectum - 11%
- Melanoma of skin - 8%
- Trachea, bronchus and lung - 7%
- Other cancers - 40%

Ages 65 years + (n=7,022)

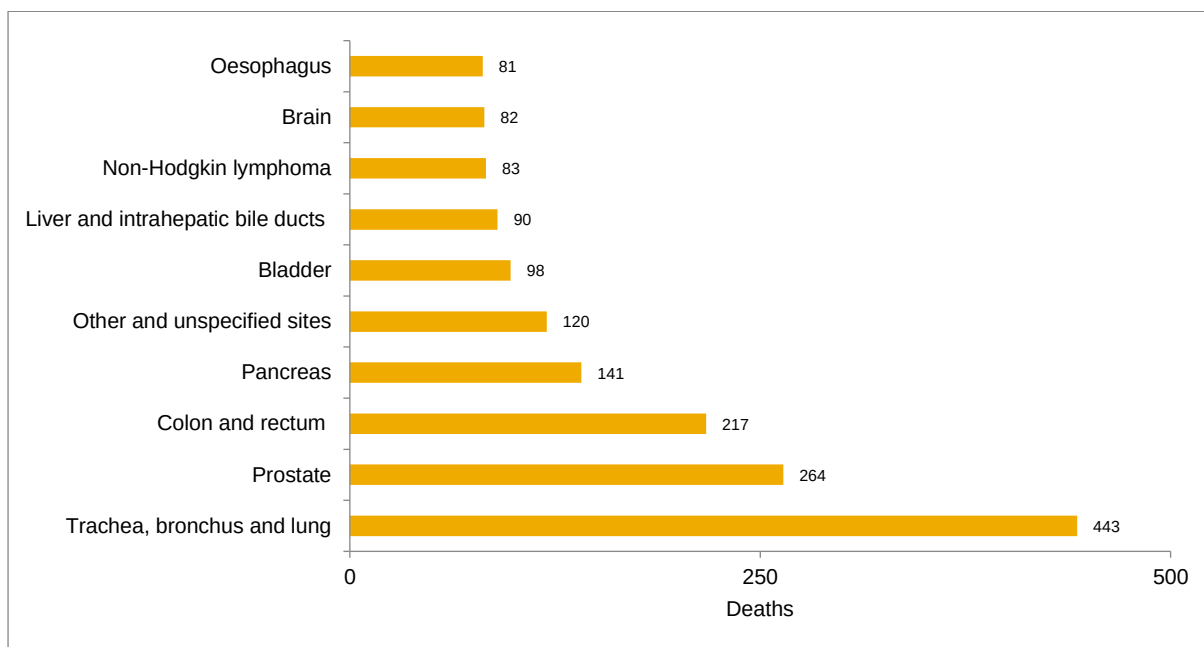


- Prostate - 20%
- Trachea, bronchus and lung - 11%
- Colon and rectum - 10%
- Female breast - 10%
- Melanoma of skin - 7%
- Other cancers - 43%

Mortality

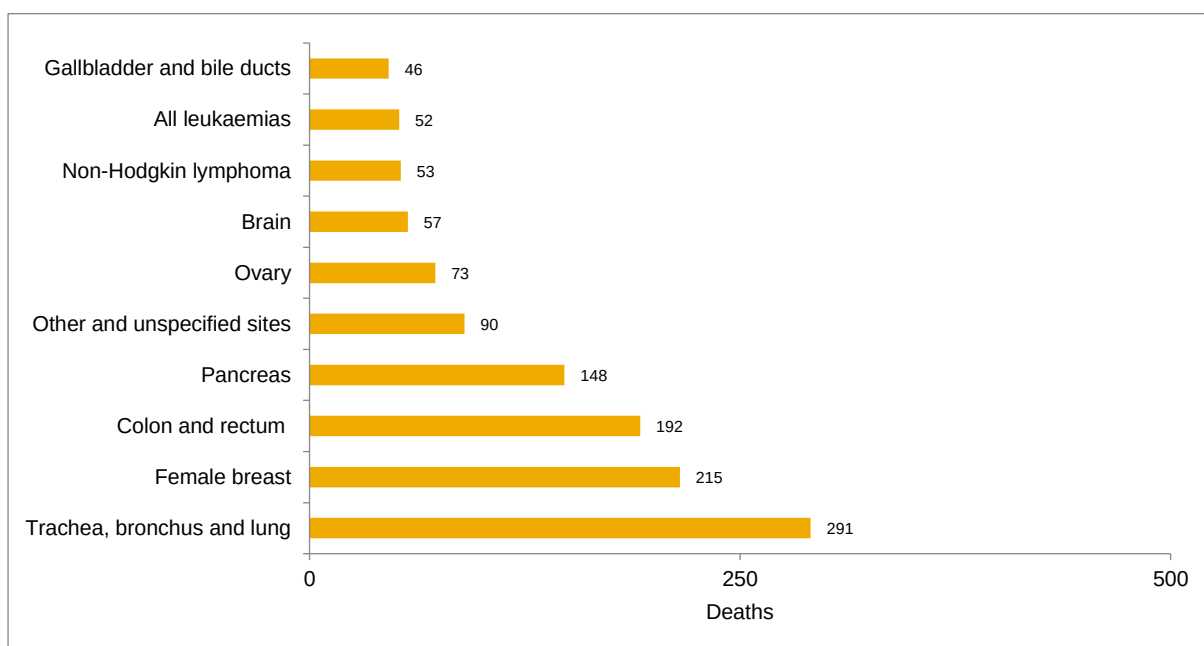
In 2020, there were 3,886 cancer deaths in South Australia (Table A2.61). There were 2,212 cancer deaths in males (ASR 213.0 per 100,000) and 1,674 in females (ASR 134.1 per 100,000, Table A2.61). Lung cancer was the most commonly reported cancer cause of death in males, accounting for 20.0% of all male cancer deaths. Prostate cancer (11.9%), colorectal cancer (9.8%), pancreatic cancer (6.4%), and cancer of unspecified site (5.4%) were the next most common cancer causes of death among males (Figure 4).

Figure 4 - Most common cancer deaths in South Australia 2020 – Males



Lung cancer was also the most commonly reported cancer cause of death in females, accounting for 17.4% of all female cancer deaths. Female breast cancer (12.8%), colorectal cancer (11.5%), pancreatic cancer (8.8%), and cancer of unspecified site (5.4%) were the next most common cancer causes of death among females (Figure 5).

Figure 5 - Most common cancer deaths in South Australia 2020 – Females



OFFICIAL

Cancer deaths were very rare in the 0-14 age group (6 cases) (Table A2.61).

For people in the 15 to 44 year age group there were 63 cancer deaths in 2020 - 31 male and 32 female deaths (Table A2.61). The most common cancer deaths in this age group were colorectal cancer (9 deaths), leukaemia (7 deaths), brain cancer (7 deaths), female breast (5 deaths), and lung cancer (5 deaths) (Figure 6).

In the 45 to 64 year age group there were 677 cancer deaths in 2020 – 373 male and 304 female deaths (Table A2.61). The most common cancer deaths in this age group were lung cancer (138 deaths), colorectal cancer (79 deaths), female breast cancer (63 deaths), pancreatic cancer (52 deaths), and brain cancer (41 deaths) (Figure 6).

In those aged 65 years and over there were 3,140 deaths caused by cancer in 2020 – 1,804 male and 1,336 female deaths (Table A2.61). The most common cancers in this age group were lung cancer (591 deaths), colorectal cancer (321 deaths), prostate cancer (254 deaths), pancreatic cancer (234 deaths) and cancers of unspecified site (181 deaths) (Figure 6).

Deaths from cancer generally increase with age for both sexes, with the majority of cancer deaths occurring from the age of 65 (80.8%). The likelihood of dying from cancer was similar for males and females up to and including the age of 59 years. However, after the age of 50 years the rate of male deaths was higher and increased more steeply than in females (Table A2.61).

OFFICIAL

Table 4 - South Australian persons: mortality, age-standardised rates, lifetime risk, leading cancer types, 2020

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	734	31.7	18.2	1 in 63	18.9
Colon and rectum	409	18.0	10.4	1 in 115	10.5
Pancreas	289	12.5	7.1	1 in 164	7.4
Prostate	264	10.8	5.1	1 in 414	6.8
Female breast	215	9.8	6.0	1 in 175	5.5
Other and unspecified sites	210	9.0	4.8	1 in 288	5.4
Brain	139	6.4	4.5	1 in 225	3.6
Non-Hodgkin lymphoma	136	5.7	3.1	1 in 439	3.5
Bladder	133	5.5	2.8	1 in 487	3.4
Liver and intrahepatic bile ducts	127	5.5	3.4	1 in 271	3.3
All leukaemias	121	5.2	3.0	1 in 495	3.1
Stomach	114	5.1	3.1	1 in 376	2.9
Oesophagus	97	4.3	2.7	1 in 333	2.5
Multiple myeloma/Plasma cell tumours	91	3.8	2.1	1 in 536	2.3
Gallbladder and bile ducts	79	3.4	1.9	1 in 617	2.0
Ovary	73	3.2	2.0	1 in 485	1.9
Melanoma of skin	72	3.2	1.9	1 in 513	1.9
Kidney	71	3.1	1.8	1 in 556	1.8
Myelodysplastic syndromes	55	2.3	1.2	1 in 1237	1.4
Heart, mediastinum and pleura	47	2.0	1.1	1 in 1357	1.2
Body of the uterus	42	1.8	1.2	1 in 682	1.1
Connective and other soft tissue	36	1.5	0.8	1 in 1523	0.9
Small intestine	34	1.5	0.9	1 in 1540	0.9
Retroperitoneum and peritoneum	29	1.3	0.7	1 in 1654	0.7
Renal pelvis, other and unspecified urinary organs	22	0.9	0.5	1 in 4193	0.6
Other chronic myeloproliferative and haematological disorders	22	0.9	0.5	1 in 2476	0.6
Tongue	19	0.8	0.5	1 in 2011	0.5
Mouth	19	0.8	0.5	1 in 2237	0.5
Other and unspecified female genitalia	17	0.7	0.4	1 in 2001	0.4
Cervix uteri	16	0.8	0.6	1 in 1774	0.4
Anus, anal canal, anorectum	15	0.7	0.4	1 in 2957	0.4
Larynx	14	0.6	0.4	1 in 2859	0.4
Oropharynx	13	0.6	0.4	1 in 2007	0.3
Other lymphomas	13	0.5	0.3	1 in 4655	0.3
Thyroid gland	11	0.5	0.3	1 in 3208	0.3
Salivary gland	10	0.5	0.3	1 in 3605	0.3
Vulva	9	0.4	0.2	1 in 4766	0.2
Eye	8	0.3	0.2	1 in 4644	0.2
Hypopharynx	7	0.3	0.2	1 in 6383	0.2
Nose, nasal cavities, middle ear and accessory sinuses	6	0.2	0.1	1 in 9981	0.2
Hodgkin lymphoma	6	0.3	0.2	1 in 4934	0.2
Immunoproliferative neoplasms	6	0.2	0.1	1 in 9310	0.2
Polycythaemia vera	6	0.2	0.1	1 in 17709	0.2
Unspecified sites - lip, oral cavity and pharynx	5	0.2	0.1	1 in 6617	0.1
Thymus	5	0.2	0.2	1 in 4871	0.1
Bone, joints and articular cartilage	5	0.3	0.3	1 in 3961	0.1
Vagina	4	0.2	0.1	1 in 5052	0.1
Testis	4	0.2	0.2	1 in 5273	0.1
Nasopharynx	2	0.1	0.0	1 in 17709	0.1
Male breast	2	0.1	0.1	1 in 10319	0.1
Penis	1	0.0	0.0	1 in 19628	0.0
Cranial nerves, spinal cord, meninges etc.	1	0.0	0.0	1 in 19628	0.0
Other endocrine glands	1	0.0	0.0	N/A	0.0
All cancers	3886	168.7	96.9	1 in 12	100.0

Notes: See Appendix 2 for ICD-O-3 coding ranges

Other coding groups of interest (eg Mesothelioma, Leukaemias, Melanomas etc) can be found in Tables A2.62-A2.82

Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

Age-standardised rates are expressed per 100,000 and standardised to the new World standard population 2011 ASR (W)

Lifetime risk is calculated to age 75. Where risk marked N/A not calculated due to unreliable calculation.

OFFICIAL

Table 5 - South Australian males: mortality, age-standardised rates, lifetime risk, leading cancer types, 2020

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	443	42.5	23.7	1 in 51	20.0
Prostate	264	25.4	11.6	1 in 200	11.9
Colon and rectum	217	21.5	12.4	1 in 99	9.8
Pancreas	141	13.7	7.9	1 in 146	6.4
Other and unspecified sites	120	11.6	6.3	1 in 211	5.4
Bladder	98	9.4	4.7	1 in 317	4.4
Liver and intrahepatic bile ducts	90	8.4	5.1	1 in 176	4.1
Non-Hodgkin lymphoma	83	8.0	4.1	1 in 377	3.8
Brain	82	8.2	5.8	1 in 191	3.7
Oesophagus	81	7.6	4.9	1 in 176	3.7
Stomach	73	7.1	4.2	1 in 272	3.3
All leukaemias	69	6.8	3.6	1 in 463	3.1
Multiple myeloma/Plasma cell tumours	57	5.4	3.0	1 in 398	2.6
Kidney	53	5.0	3.1	1 in 314	2.4
Melanoma of skin	42	4.1	2.6	1 in 393	1.9
Myelodysplastic syndromes	40	3.8	1.9	1 in 752	1.8
Heart, mediastinum and pleura	36	3.4	1.8	1 in 1014	1.6
Gallbladder and bile ducts	33	3.1	1.6	1 in 788	1.5
Connective and other soft tissue	28	2.7	1.4	1 in 792	1.3
Small intestine	15	1.5	0.9	1 in 1401	0.7
Larynx	14	1.3	0.8	1 in 1388	0.6
Renal pelvis, other and unspecified urinary organs	14	1.4	0.7	1 in 2514	0.6
Tongue	13	1.3	0.8	1 in 1229	0.6
Other chronic myeloproliferative and haematological disorders	13	1.2	0.7	1 in 1604	0.6
Mouth	10	0.9	0.6	1 in 1536	0.5
Oropharynx	9	0.9	0.5	1 in 1631	0.4
Retroperitoneum and peritoneum	9	0.8	0.5	1 in 2362	0.4
Other lymphomas	8	0.8	0.4	1 in 2946	0.4
Thyroid gland	7	0.6	0.3	1 in 3044	0.3
Hypopharynx	6	0.5	0.3	1 in 3098	0.3
Anus, anal canal, anorectum	5	0.5	0.3	1 in 2394	0.2
Immunoproliferative neoplasms	5	0.5	0.2	1 in 4492	0.2
Polycythaemia vera	5	0.5	0.2	1 in 8562	0.2
Salivary gland	4	0.4	0.3	1 in 3391	0.2
Bone, joints and articular cartilage	4	0.4	0.4	1 in 2402	0.2
Testis	4	0.5	0.4	1 in 2604	0.2
Eye	4	0.4	0.2	1 in 3044	0.2
Nose, nasal cavities, middle ear and accessory sinuses	3	0.3	0.1	N/A	0.1
Thymus	2	0.2	0.1	1 in 8562	0.1
Male breast	2	0.2	0.1	1 in 4981	0.1
Hodgkin lymphoma	2	0.2	0.1	1 in 8562	0.1
Nasopharynx	1	0.1	0.1	1 in 8562	0.0
Penis	1	0.1	0.1	1 in 9446	0.0
Cranial nerves, spinal cord, meninges etc.	1	0.1	0.1	1 in 9446	0.0
Other endocrine glands	1	0.1	0.0	N/A	0.0
All cancers	2212	213.0	118.8	1 in 11	100.0

Notes: See Appendix 2 for ICD-O-3 coding ranges

Other coding groups of interest (eg Mesothelioma, Leukaemias, Melanomas etc) can be found in Tables A2.62-A2.82

Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

Age-standardised rates are expressed per 100,000 and standardised to the new World standard population 2011 ASR (W)

Lifetime risk is calculated to age 75. Where risk marked N/A not calculated due to unreliable calculation.

Table 6 - South Australian females: mortality, age-standardised rates, lifetime risk, leading cancer types, 2020

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	291	23.2	13.7	1 in 79	17.4
Female breast	215	18.2	11.4	1 in 90	12.8
Colon and rectum	192	15.1	8.6	1 in 136	11.5
Pancreas	148	11.5	6.4	1 in 186	8.8
Other and unspecified sites	90	6.8	3.4	1 in 442	5.4
Ovary	73	6.0	3.8	1 in 250	4.4
Brain	57	4.8	3.2	1 in 272	3.4
Non-Hodgkin lymphoma	53	4.1	2.3	1 in 521	3.2
All leukaemias	52	4.1	2.5	1 in 528	3.1
Gallbladder and bile ducts	46	3.7	2.2	1 in 511	2.7
Body of the uterus	42	3.5	2.2	1 in 352	2.5
Stomach	41	3.4	2.0	1 in 589	2.4
Liver and intrahepatic bile ducts	37	3.0	1.8	1 in 543	2.2
Bladder	35	2.6	1.3	1 in 974	2.1
Multiple myeloma/Plasma cell tumours	34	2.5	1.3	1 in 795	2.0
Melanoma of skin	30	2.4	1.4	1 in 721	1.8
Retroperitoneum and peritoneum	20	1.6	0.9	1 in 1287	1.2
Small intestine	19	1.5	0.9	1 in 1690	1.1
Kidney	18	1.3	0.7	1 in 2034	1.1
Other and unspecified female genitalia	17	1.4	0.8	1 in 1033	1.0
Oesophagus	16	1.3	0.7	1 in 2072	1.0
Cervix uteri	16	1.6	1.2	1 in 907	1.0
Myelodysplastic syndromes	15	1.1	0.6	1 in 3156	0.9
Heart, mediastinum and pleura	11	0.9	0.5	1 in 1986	0.7
Anus, anal canal, anorectum	10	0.8	0.5	1 in 3789	0.6
Mouth	9	0.8	0.5	1 in 3846	0.5
Vulva	9	0.7	0.3	1 in 2464	0.5
Other chronic myeloproliferative and haematological disorders	9	0.7	0.3	1 in 5073	0.5
Connective and other soft tissue	8	0.6	0.3	1 in 11224	0.5
Renal pelvis, other and unspecified urinary organs	8	0.6	0.2	1 in 11224	0.5
Tongue	6	0.4	0.2	1 in 5040	0.4
Salivary gland	6	0.6	0.4	1 in 3827	0.4
Unspecified sites - lip, oral cavity and pharynx	5	0.4	0.3	1 in 3410	0.3
Other lymphomas	5	0.4	0.2	1 in 10183	0.3
Oropharynx	4	0.3	0.2	1 in 2555	0.2
Vagina	4	0.4	0.3	1 in 2597	0.2
Eye	4	0.3	0.2	1 in 9147	0.2
Thyroid gland	4	0.3	0.2	1 in 3372	0.2
Hodgkin lymphoma	4	0.4	0.3	1 in 3482	0.2
Nose, nasal cavities, middle ear and accessory sinuses	3	0.2	0.1	1 in 5126	0.2
Thymus	3	0.3	0.3	1 in 3428	0.2
Nasopharynx	1	0.1	0.0	N/A	0.1
Hypopharynx	1	0.1	0.0	N/A	0.1
Bone, joints and articular cartilage	1	0.1	0.2	1 in 10316	0.1
Immunoproliferative neoplasms	1	0.1	0.0	N/A	0.1
Polycythaemia vera	1	0.1	0.0	N/A	0.1
All cancers	1674	134.1	78.9	1 in 14	100.0

Notes: See Appendix 2 for ICD-O-3 coding ranges

Other coding groups of interest (eg Mesothelioma, Leukaemias, Melanomas etc) can be found in Tables A2.62-A2.82

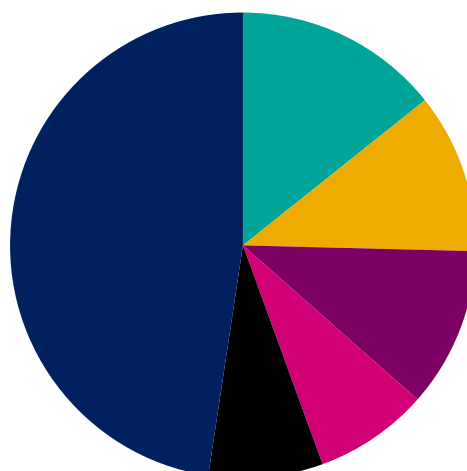
Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

Age-standardised rates are expressed per 100,000 and standardised to the new World standard population 2011 ASR (W)

Lifetime risk is calculated to age 75. Where risk marked N/A not calculated due to unreliable calculation.

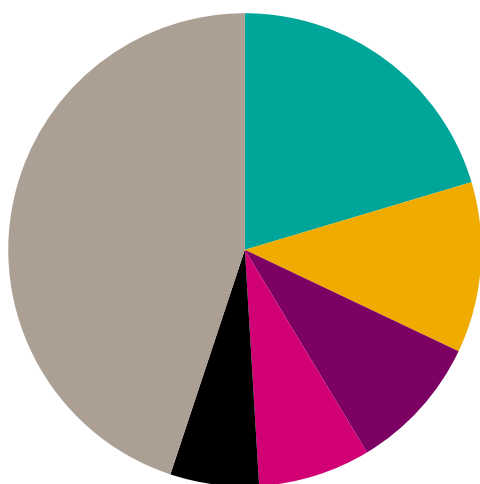
Figure 6 - Most common cancer deaths in South Australia 2020, by age group

Ages 15 - 44 years (n=63)



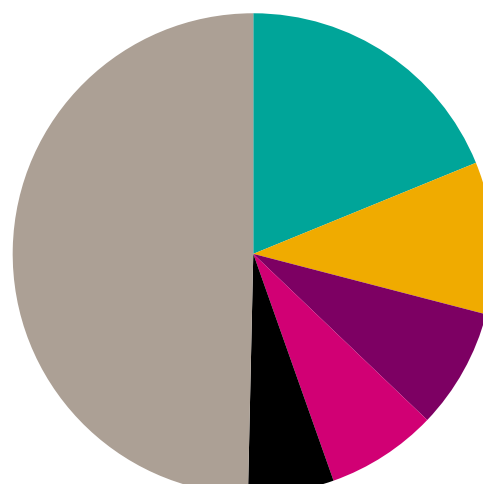
- Colon and rectum - 14%
- All leukaemias - 11%
- Brain - 11%
- Female breast - 8%
- Trachea, bronchus and lung - 8%
- Other cancers - 48%

Ages 45 - 64 years (n=677)



- Trachea, bronchus and lung - 20%
- Colon and rectum - 12%
- Female breast - 9%
- Pancreas - 8%
- Brain - 6%
- Other cancers - 45%

Ages 65 years + (n=3,140)



- Trachea, bronchus and lung - 19%
- Colon and rectum - 10%
- Prostate - 8%
- Pancreas - 7%
- Other and unspecified sites - 6%
- Other cancers - 50%

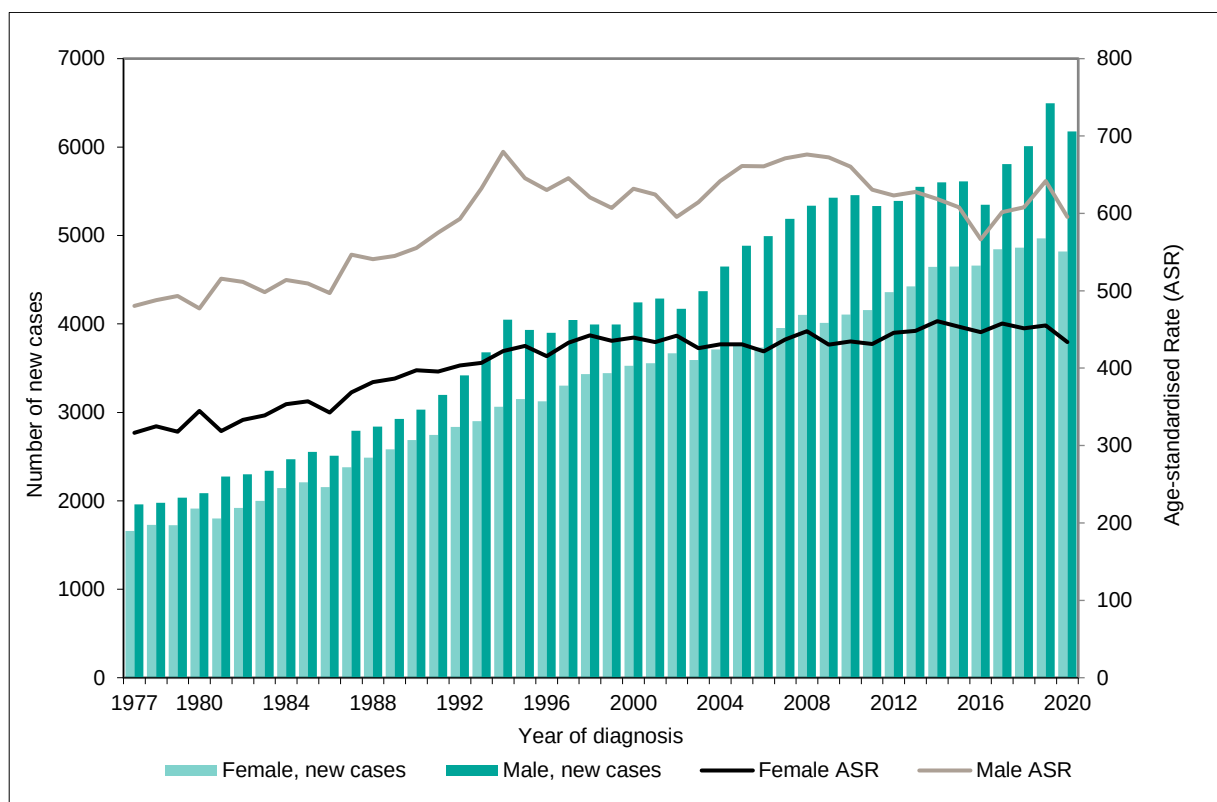
Trends in Cancer Incidence and Mortality

Incidence

When accounting for a generally ageing population, age-standardisation or adjustment is often used to enhance the comparability of rates to account for differences in age structure. The age-adjusted (Australian population) incidence rate for South Australia in 2020 was 595.6 new cases per 100,000 for males and 433.7 for females (Table A2.61). Figure 7 shows the trends in both numbers and rate of cancers in South Australia since 1977.

In 2020 in South Australia the number of new cancer diagnoses declined by an estimated 4.2%. One possibility for this decrease could be a decrease in people seeking cancer screening or medical assessments during the pandemic. The evidence to support a reason for this decline is not year clear, and analysis of the 2021 data may provide further information.

Figure 7 - Trends in cancer incidence - numbers and rates, South Australia, 1977-2020

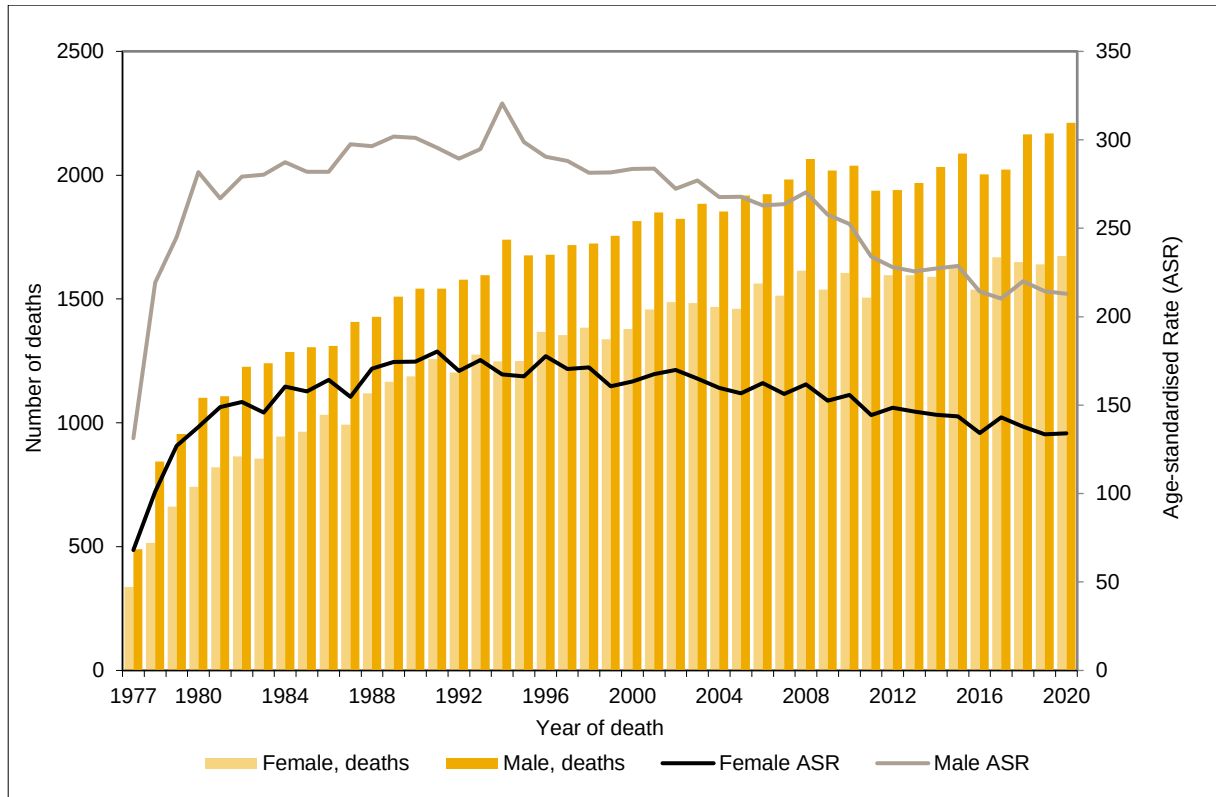


Male incidence rates increased 1.7% per annum between 2016 and 2020, while female rates decreased by 0.6% (see Table A2.61, change in incidence and mortality calculated using a Poisson regression model).

Mortality

The age-adjusted mortality rate for South Australia in 2020 was 213.0 deaths per 100,000 for males and 134.1 for females. Figure 8 shows the trends in both numbers and rate of cancers in South Australia since 1977.

Figure 8 - Trends in cancer mortality - numbers and rates, South Australia, 1977-2020



Male mortality rates increased by 0.1% per annum between 2016 and 2020 while female rates decreased by 0.7% (see Table A2.61, change in incidence and mortality calculated using a Poisson regression model).

Projections

Numbers of cases, deaths and rates have been projected from 2020 to 2023 for all cancers and for each of the most common cancers (Table 7 and Table 8) based on the previous 10 years of data held in the SACR. The exception being prostate cancer incidence, which has been projected based on the previous 5 years of data, due to non-linear trends.

These projections account for the current age/sex patterns of cancer and changing populations over the projected years. The overall cancer projections show an expected plateau in the incidence rates for males, and a slight increase in the incidence rates for females, from 2020 through to 2023. Mortality rates for both males and females are expected to decrease slightly over the same time period (Table 7 and Table 8).

Table 7 - Male cancer incidence, mortality rates (2020) and projections (2020-2023), South Australia

Males Site/Year	Incidence (new cases)				Mortality (deaths)			
	2020	2021	2022	2023	2020	2021	2022	2023
Prostate*	175.2 (1898)	197.3 (2156)	201.5 (2245)	209.3 (2371)	25.4 (264)	24.6 (260)	24.2 (264)	23.7 (268)
Colorectal	58.2 (580)	56.9 (578)	53.8 (554)	50.4 (521)	21.5 (217)	20.2 (206)	19.2 (199)	18.8 (198)
Lung	52.6 (554)	54.1 (578)	53.5 (584)	53.3 (594)	42.5 (443)	39.8 (425)	38.6 (422)	38.7 (433)
Melanoma	52.0 (527)	50.7 (520)	51.3 (538)	51.1 (548)	4.1 (42)	3.0 (31)	2.7 (29)	2.3 (25)
NHL	26.6 (272)	27.6 (286)	27.2 (288)	26.4 (285)	8.0 (83)	7.7 (80)	7.9 (85)	7.9 (88)
All cancers	595.6 (6175)	599.6 (6281)	599.6 (6406)	599.5 (6529)	213.0 (2212)	208.9 (2195)	207.2 (2233)	204.9 (2266)

Notes: Rates are expressed per 100,000 and standardised to the Australian 2011 population. Number of new cases and deaths are presented in brackets. *Prostate incidence based on previous 5 years. NHL – Non-Hodgkin lymphoma

Table 8 - Female cancer incidence, mortality rates (2020) and projections (2020-2023), South Australia

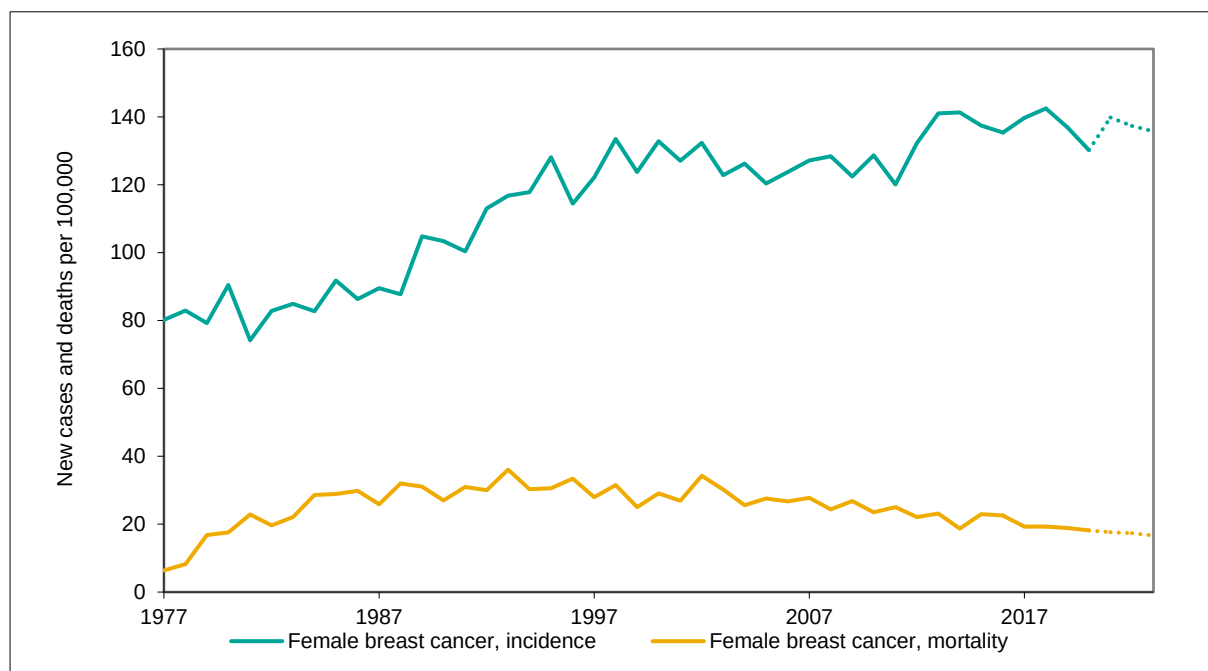
Females Site/Year	Incidence (new cases)				Mortality (deaths)			
	2020	2021	2022	2023	2020	2021	2022	2023
Breast	130.2 (1375)	139.8 (1489)	137.3 (1482)	135.7 (1482)	18.2 (215)	17.6 (210)	17.3 (209)	16.7 (205)
Colorectal	46.1 (534)	46.7 (545)	46.3 (550)	45.2 (541)	15.1 (192)	13.9 (179)	13.1 (171)	12.8 (169)
Melanoma	31.3 (337)	30.9 (341)	31.0 (348)	31.4 (359)	2.4 (30)	1.4 (18)	1.2 (16)	1.3 (17)
Lung	37.9 (456)	41.5 (507)	41.8 (521)	42.6 (542)	23.2 (291)	24.6 (316)	24.1 (318)	23.8 (322)
NHL	16.3 (185)	16.1 (187)	15.9 (188)	15.1 (181)	4.1 (53)	3.9 (51)	4.0 (53)	4.0 (54)
All cancers	433.7 (4820)	451.5 (5072)	448.0 (5111)	445.8 (5158)	134.1 (1674)	132.6 (1673)	130.1 (1674)	128.5 (1691)

Notes: Rates are expressed per 100,000 and standardised to the Australian 2011 population. Number of new cases and deaths are presented in brackets. NHL – Non-Hodgkin lymphoma

Most Common Cancers

Figure 9 shows the trends in female breast cancer incidence and mortality in South Australia from 1977. Female breast cancer incidence rates in South Australia have decreased slightly by 0.9% per annum between 2016 and 2020, and mortality rates have decreased by 4.3% per annum over the same period (Table A2.28). Female breast cancer incidence rates are projected to increase between 2020 and 2023, while mortality rates are projected to decrease (Table 8 and Figure 9).

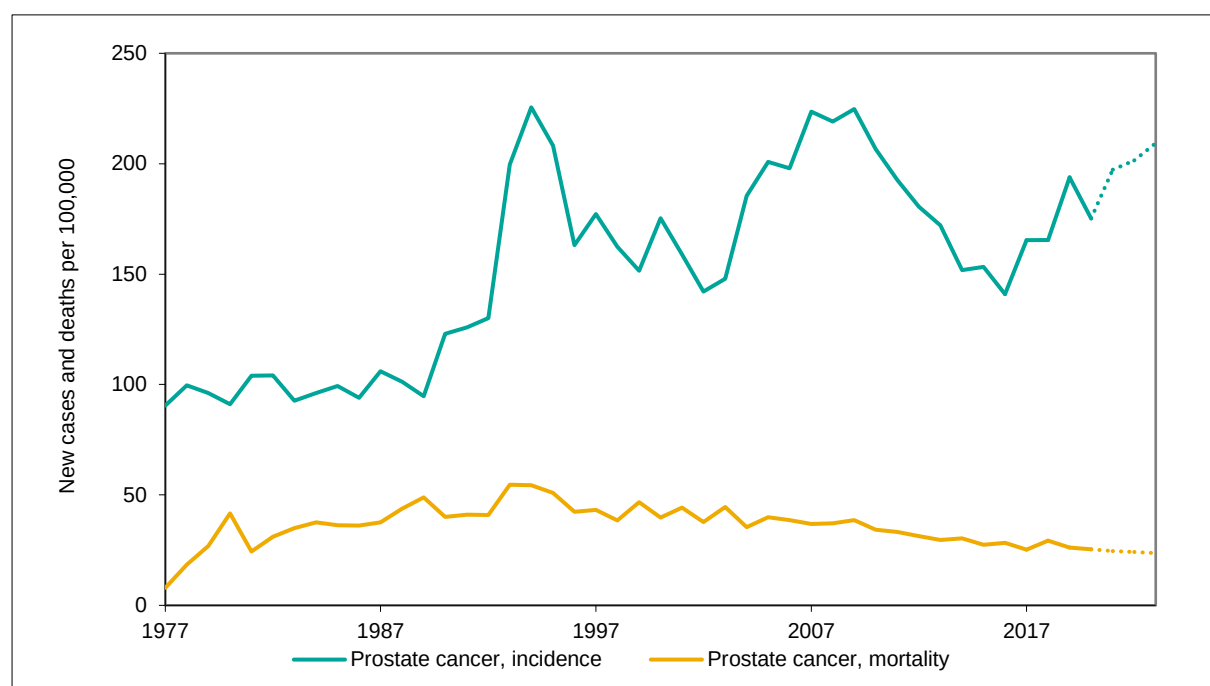
Figure 9 – Female breast cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023



OFFICIAL

Figure 10 shows the trends in prostate cancer incidence and mortality in South Australia from 1977. Prostate cancer incidence rates in South Australia have increased by 6.5% per annum between 2016 and 2020, and mortality rates have decreased by 1.8% per annum over the same period (Table A2.38). Prostate cancer incidence rates are projected to increase, while mortality rates are projected to decrease between 2020 and 2023 (Table 7 and Figure 10). It should be noted that prostate cancer incidence rates vary, predominantly dependent on screening rates.

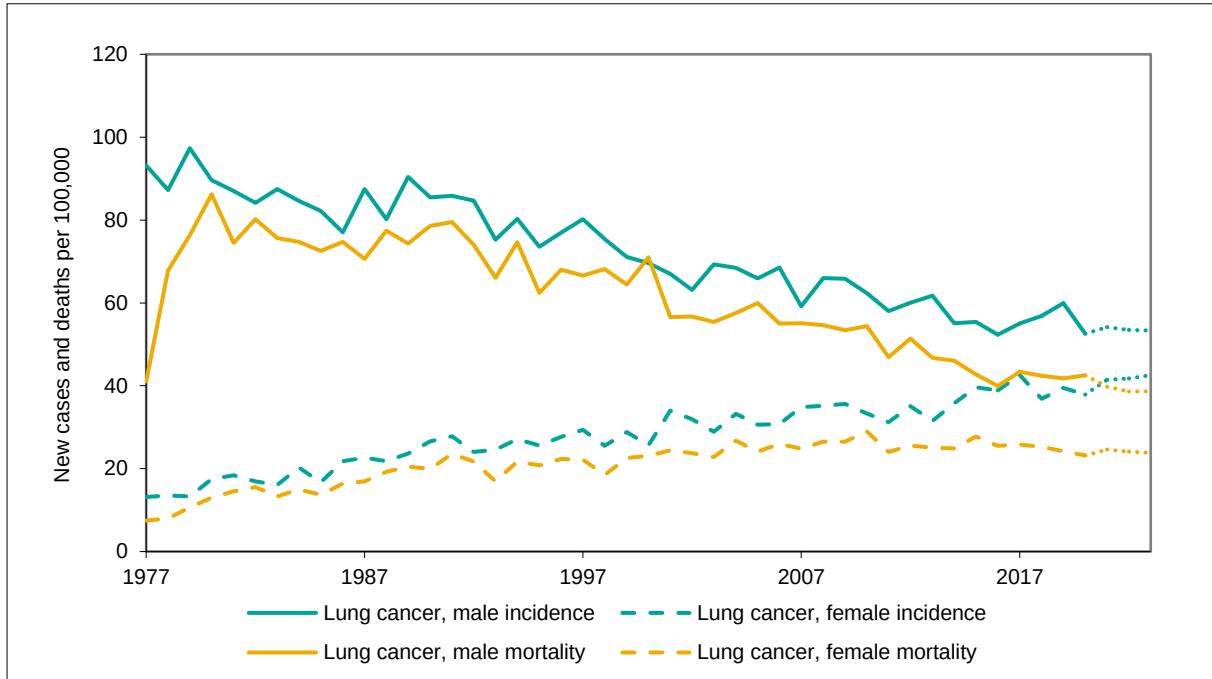
Figure 10 - Prostate cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023



OFFICIAL

Figure 11 shows the trends in lung cancer incidence and mortality in South Australia from 1977. Lung cancer incidence rates in males have increased by 1.0% per annum between 2016 and 2020, and mortality rates have increased by 0.9% per annum over the same period (Table A2.19). Lung cancer incidence rates in females have decreased by 1.3% per annum between 2016 and 2020, and mortality rates have decreased by 2.4% per annum over the same period (Table A2.19). Lung cancer incidence rates are projected to plateau, while mortality rates for males are projected to decrease between 2020 and 2023 (Table 7 and Figure 11). Whereas lung cancer incidence rates are projected to increase for females, and mortality rates are projected to plateau over the same period (Table 8 and Figure 11).

Figure 11 - Lung cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023

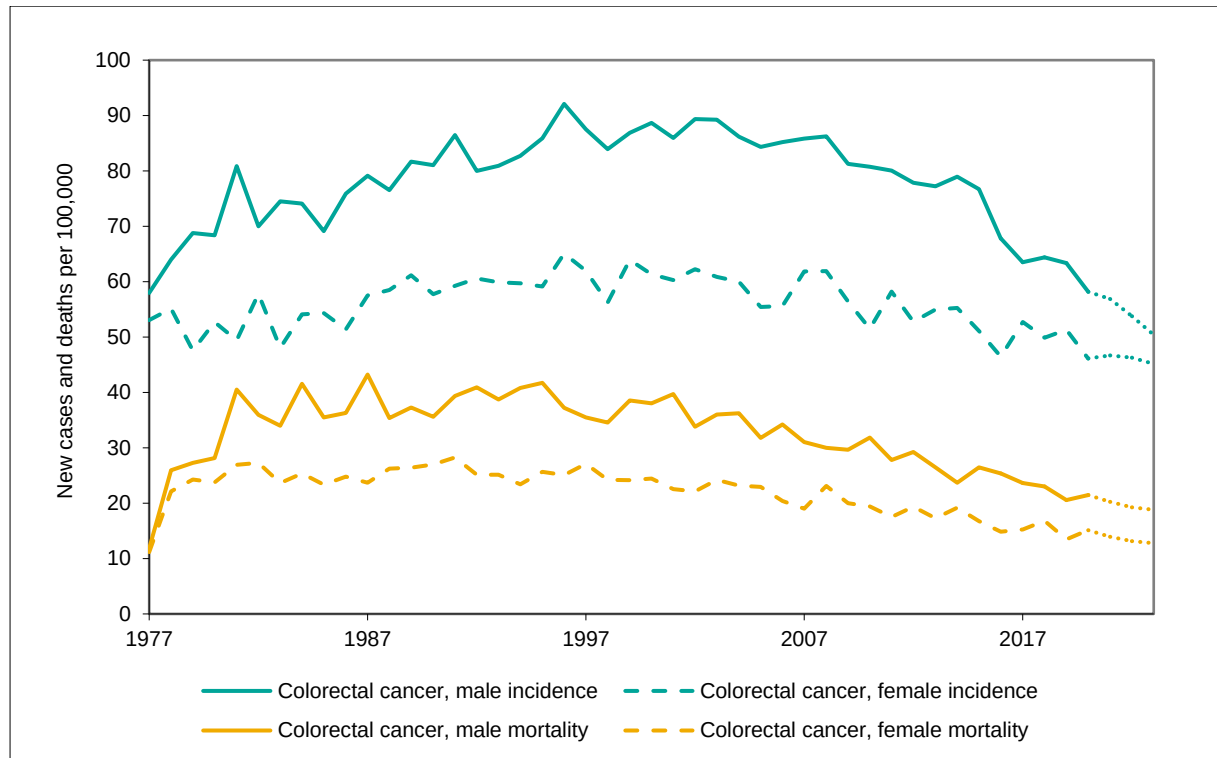


OFFICIAL

Figure 12 shows the trends in colorectal cancer incidence and mortality in South Australia from 1977. Colorectal cancer incidence rates in males have decreased by 2.9% per annum between 2016 and 2020, and mortality rates have decreased by 4.4% per annum over the same period (Table A2.12). Colorectal cancer incidence rates in females have decreased by 0.4% per annum between 2016 and 2020, and mortality rates have decreased by 0.8% per annum over the same period (Table A2.12).

Colorectal cancer incidence and mortality rates for males and females are projected to decrease between 2020 and 2023 (Table 7, Table 8 and Figure 12).

Figure 12 - Colorectal cancer incidence and mortality, South Australia, 1977-2020 with projections to 2023

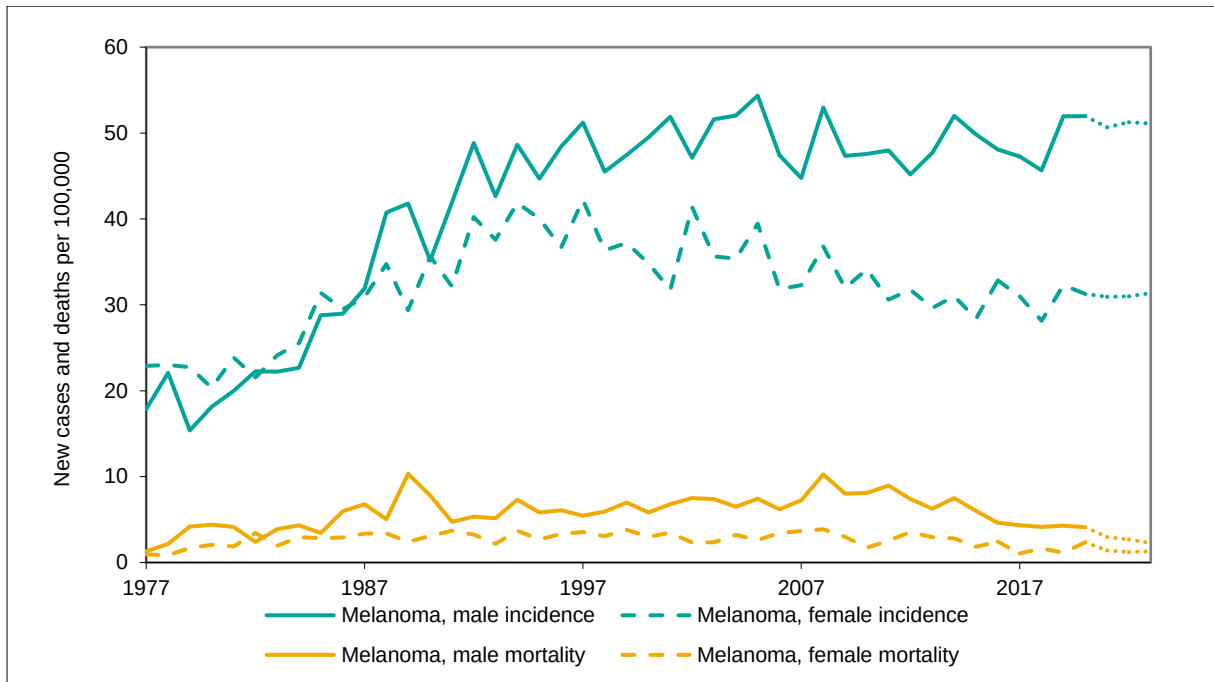


OFFICIAL

Figure 13 shows the trends in melanoma incidence and mortality in South Australia from 1977. Melanoma incidence rates in males have increased by 2.7% per annum between 2016 and 2020, while mortality rates have decreased by 2.4% per annum over the same period (Table A2.23). Melanoma incidence rates in females have decreased by 0.6% per annum between 2016 and 2020, while mortality rates have decreased by 0.3% per annum over the same period (Table A2.23).

Melanoma incidence rates for males and females are projected to plateau between 2020 and 2023, while mortality rates are projected to decrease over the same period (Table 7, Table 8 and Figure 13).

Figure 13 - Melanoma incidence and mortality, South Australia, 1977-2020 with projections to 2023



Appendix 1 – Methods and Terminology

A number of terms are used to define concepts in cancer registry work. Some of the most common ones are discussed below, as well as the methodology used in creating this report.

Inclusion criteria

All cancer cases that were resident in South Australia at diagnosis and with a diagnosis date from 01/01/1977 through to the reporting year were included as incident cancers. The mortality data include the deaths in the reporting year for all those cancer cases that met the incidence inclusion criteria. As a result, a small number of mortality cases may have died in a jurisdiction outside South Australia.

Projections of cancer rates for selected sites

Key sites were selected as the base for projections. Projections of cancer rates for selected sites were done separately for males and females. Ten years of prior data, which best reflected recent trends in incidence for these sites, were used to model the projections for three subsequent years. The expected incidence and mortality for the projected years were computed using the “FORECAST” function in Excel for all the age groups separately. If any of the expected counts for the projected years was negative, it was set to zero before modelling the projections. The 2011 census population data from ABS were used to calculate the projected rates.

Age-specific rate

Age-specific incidence or mortality rates were calculated by dividing the number of new cases or deaths in each age group by the at risk population for that age group and multiplying by 100,000. These rates are usually presented in five-year age groups and by sex.

Cancer incidence

Cancer incidence is defined as the number of new cases of cancer notified for a specified period and for a specified population. It is usually presented as either the number of new cases or as a rate per 100,000 population.

Cancer mortality

Cancer mortality is defined as the number of deaths where cancer is specified as the underlying cause of death. The underlying cause of death is derived from the death certificate issued by a certified medical practitioner and is based on the World Health Organisation's rules for attribution of cause of death. The main source of death information comes from linking the SACR records to the Registry of Births, Deaths and Marriages. Information about death and its cause may also be notified for cancer cases that die in hospital. Non-cancer deaths are also recorded on the Registry; however these are not coded specifically to their cause of death, only to a generic non-cancer death code.

Crude rate

A crude incidence or mortality rate is defined as the number of new cancer cases or deaths divided by the population at risk in a specified time period. Crude incidence and mortality rates in this report were calculated using the estimated resident South Australian population for 2020 (mid-year estimates) and are expressed as cases or deaths per 100,000 population per annum.

Age-standardised rate

A crude rate can be a misleading way to characterise a population that includes people of different ages. This problem is even more challenging when summary rates of two populations are being compared. An age-standardised rate is a summary rate that has been constructed to reflect what would be the case if the population of interest had the age distribution of some other, known population, e.g. a standard or reference population. Age-standardisation facilitates more logical comparison between populations.

Standard populations

There are two standard populations used in this report – the New World Population and the Australian Standard Population 2011. The New World Population is an estimate of the proportional age distribution of the whole world and the Australian Standard Population is the actual Australian population from the 2011 Census.

Risk

Cumulative risk is the risk an individual would have of developing or dying from a particular cancer, over a defined life span, if that person were not to die beforehand from another cause. Cumulative risk is usually calculated using the following formula:

$$\text{Cumulative risk} = (1 - e^{-\text{cumulative rate}/100})$$

The cumulative rate is the sum of the age-specific incidence or mortality rates over a certain specified age range (life expectancy or other specified range). It is calculated by using the formula:

$$\text{Cumulative rate} = \frac{5 \times (\text{sum of age-specific rates}) \times 100}{100,000}$$

This formula assumes that age groups are arranged in five-yearly blocks. Typically this rate ranges from less than 1 per cent for rare cancers to around nine per cent for common cancers. It is a good approximation to the cumulative risk and expressed as a percent.

Lifetime risk is another common way of expressing risk, where the risk is expressed as a 1 in x chance of being diagnosed with or dying of a cancer. It is calculated by the following formula:

$$\text{Lifetime risk} = 1 / \text{cumulative risk}$$

For example a cumulative rate of, say, 4.4 percent for lung cancer in males would mean that one out of every 23 males would be expected to be diagnosed with lung cancer by age 75 years if he were not to die before that age from another disease.

Persons-Years of Life Lost (PYLL)

Years of potential life lost is a measure of the number of years of life lost per annum due to premature death from a particular cause, given a specified life expectancy. While life expectancy has changed, as discussed above, this report adopted the international approach of reporting this measure to age 74. There are a number of methods used to estimate cancer impact. This report used the simple approximation of:

$$\text{PYLL} = 75 - \text{age at death} \times \text{number of deaths at each age}$$

The calculation in this report was performed on five-year age groups from 0-4 through to 70-74.

Appendix 2 – List of Site-Specific Tables

All incidence and mortality rates in this appendix are per 100,000 people, adjusted to the Australian 2011 population.

Table	ICDO-3 codes
A2.1 Lip	C00
A2.2 Tongue	C01 C02
A2.3 Salivary Gland	C07 C08
A2.4 Mouth	C03-C06
A2.5 Oropharynx	C09 C10
A2.6 Nasopharynx	C11
A2.7 Hypopharynx	C12 C13
A2.8 Unspecified sites – lip, oral cavity and pharynx	C14
A2.9 Oesophagus	C15
A2.10 Stomach	C16
A2.11 Small intestine	C17
A2.12 Colon and rectum	C18-C20
A2.13 Anus, anal canal and anorectum	C21
A2.14 Liver and intrahepatic bile ducts	C22
A2.15 Gallbladder and bile ducts	C23 C24
A2.16 Pancreas	C25
A2.17 Nose, nasal cavities, middle ear and accessory sinuses	C30 C31
A2.18 Larynx	C32
A2.19 Trachea, bronchus and lung	C33 C34
A2.20 Heart, mediastinum and pleura	C38
A2.21 Thymus	C37.9
A2.22 Bone, joints and articular cartilage	C40-C41
A2.23 Melanoma of skin	C44. + M872-879
A2.24 Skin of lip	C44.0 (M800-811)
A2.25 Skin of anus (including perineum and perianal skin)	C44.5 (M800-811 8542)
A2.26 Connective and other soft tissue	C44. + M800-958 (excl tables A2.23 A2.24 A2.25) C47 C49
A2.27 Retroperitoneum and peritoneum	C48
A2.28 Female breast	C50f
A2.29 Male breast	C50m
A2.30 Vulva	C51
A2.31 Vagina	C52.9
A2.32 Cervix uteri	C53
A2.33 Body of the uterus	C54 C55
A2.34 Ovary	C56.9
A2.35 Other and unspecified female genitalia	C57
A2.36 Placenta	C58.9
A2.37 Penis	C60
A2.38 Prostate	C61.9
A2.39 Testis	C62
A2.40 Other male genitalia	C63
A2.41 Kidney	C64
A2.42 Renal pelvis, other and unspecified urinary organs	C65 C66 C68
A2.43 Bladder	C67
A2.44 Eye	C69
A2.45 Brain	C71
A2.46 Cranial nerves, spinal cord, meninges etc.	C70 C72
Table	ICDO-3 codes
A2.47 Thyroid gland	C73
A2.48 Other endocrine glands	C74 C75
A2.49 Other unspecified sites	C26 C39 C42 C76 C77 C80
A2.50 Non-Hodgkin lymphoma	M9591 9597 967-972 9735 9737 9738
A2.51 Hodgkin lymphoma	M965-966
A2.52 Other lymphomas	M9590 9596
A2.53 Mast cell tumours	M974
A2.54 Malignancy of histiocytes and accessory lymphoid cells	M975
A2.55 Multiple myeloma/plasma cell tumours	M9731-9734
A2.56 Immunoproliferative neoplasms	M976
A2.57 All leukemias	M980-994

OFFICIAL

A2.58	Polycythaemia vera	M9950
A2.59	Myelodysplastic syndromes	M998 999
A2.60	Other chronic myeloproliferative and haematological disorders	M996 9971 9975
A2.61	All cancers	
A2.62	Mesothelioma	M905
A2.63	Kaposi sarcoma	M9140
A2.64	Acute lymphocytic leukemia	M9826 9835-9837
A2.65	Chronic lymphocytic leukemia	M9823
A2.66	Other and unspecified lymphoid leukemia	M9820 9826-9837
A2.67	Acute myeloid leukemia	M9840 9861 9865-9874 9891-9920
		9930-9931
A2.68	Chronic myeloid leukemia	M9863 9875-9876
A2.69	Other and unspecified myeloid leukemias	M9860
A2.70	Other specified leukemias	M994
A2.71	Leukemias NOS	M9800-9805
A2.72	Lip, and skin of lip (non-melanoma)	C00 C44.0 (M80-811)
A2.73	Melanoma of lip	C44.0 + M872-879
A2.74	Melanoma of eyelid, including canthus	C44.1 + M872-879
A2.75	Melanoma of ear	C44.2 + M872-879
A2.76	Melanoma of other and unspecified parts of face	C44.3 + M872-879
A2.77	Melanoma of scalp and neck	C44.4 + M872-879
A2.78	Melanoma of trunk	C44.5 + M872-879
A2.79	Melanoma of upper limb, including shoulder	C44.6 + M872-879
A2.80	Melanoma of lower limb, including hip	C44.7 + M872-879
A2.81	Melanoma of other site	C44.8 + M872-879
A2.82	Melanoma, site unspecified	C44.9 + M872-879

Table A2.1 – Cancer of the Lip

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	2	0	2	3.6	0.0	1.8	0	0	0	0.0	0.0	0.0
50–54	2	2	4	3.6	3.5	3.6	0	0	0	0.0	0.0	0.0
55–59	5	1	6	8.9	1.7	5.2	0	0	0	0.0	0.0	0.0
60–64	4	3	7	7.6	5.3	6.4	0	0	0	0.0	0.0	0.0
65–69	7	0	7	14.8	0.0	7.1	0	0	0	0.0	0.0	0.0
70–74	4	1	5	9.3	2.2	5.6	0	0	0	0.0	0.0	0.0
75–79	4	1	5	13.6	3.0	8.0	0	0	0	0.0	0.0	0.0
80–84	3	1	4	15.5	4.2	9.2	0	0	0	0.0	0.0	0.0
85+	3	2	5	17.0	7.0	10.9	0	0	0	0.0	0.0	0.0
Total/Crude rate	35	11	46	4.0	1.2	2.6	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				3.5	1.0	2.2				0.0	0.0	0.0
Confidence Interval (95%)				2.3 – 4.6	0.4 – 1.6	1.5 – 2.8				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				2.3	0.6	1.5				0.0	0.0	0.0
Confidence Interval (95%)				1.6 – 3.1	0.3 – 1.0	1.0 – 1.9				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 404	1 in 1568	1 in 653				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.6	0.2	0.4				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-4.8%	-8.0%	-5.6%				17.6%	99.7%	32.6%

Table A2.2 – Cancer of the Tongue

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	2	2	0.0	3.4	1.7	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	1	1	2	1.7	1.7	1.7	0	0	0	0.0	0.0	0.0
40–44	1	2	3	1.9	3.8	2.9	0	0	0	0.0	0.0	0.0
45–49	3	1	4	5.4	1.8	3.6	1	0	1	1.8	0.0	0.9
50–54	6	4	10	10.9	7.0	8.9	0	0	0	0.0	0.0	0.0
55–59	7	2	9	12.5	3.4	7.9	1	0	1	1.8	0.0	0.9
60–64	13	5	18	24.7	8.9	16.5	2	1	3	3.8	1.8	2.8
65–69	4	2	6	8.5	3.9	6.1	2	0	2	4.2	0.0	2.0
70–74	6	3	9	14.0	6.6	10.2	2	1	3	4.7	2.2	3.4
75–79	3	1	4	10.2	3.0	6.4	1	0	1	3.4	0.0	1.6
80–84	3	2	5	15.5	8.3	11.5	3	1	4	15.5	4.2	9.2
85+	1	3	4	5.7	10.6	8.7	1	3	4	5.7	10.6	8.7
Total/Crude rate	48	29	77	5.5	3.2	4.4	13	6	19	1.5	0.7	1.1
AS Rate (Aust)				5.0	2.9	3.9				1.3	0.4	0.8
Confidence Interval (95%)				3.5 – 6.4	1.8 – 3.9	3.0 – 4.8				0.6 – 2.0	0.1 – 0.8	0.5 – 1.2
AS Rate (World)				3.5	2.2	2.8				0.8	0.2	0.5
Confidence Interval (95%)				2.6 – 4.5	1.4 – 3.0	2.2 – 3.5				0.4 – 1.2	0.0 – 0.4	0.3 – 0.7
Lifetime Risk				1 in 252	1 in 474	1 in 332				1 in 1,229	1 in 5,040	1 in 2,011
PYLL										90	15	105
% of all cancers				0.8	0.6	0.7				0.6	0.4	0.5
Trend 2016–2020 (per annum)				2.0%	1.0%	1.6%				9.7%	7.1%	7.8%

Table A2.3 – Cancer of the Salivary gland

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.7	0.9	1	0	1	1.7	0.0	0.9
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	2	1	3	3.6	1.8	2.7	1	2	3	1.8	3.5	2.7
55–59	1	2	3	1.8	3.4	2.6	0	1	1	0.0	1.7	0.9
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	1	1	2	2.1	2.0	2.0	0	0	0	0.0	0.0	0.0
70–74	2	2	4	4.7	4.4	4.5	1	0	1	2.3	0.0	1.1
75–79	3	1	4	10.2	3.0	6.4	0	0	0	0.0	0.0	0.0
80–84	0	3	3	0.0	12.5	6.9	0	2	2	0.0	8.3	4.6
85+	2	1	3	11.3	3.5	6.5	1	1	2	5.7	3.5	4.3
Total/Crude rate	12	12	24	1.4	1.3	1.4	4	6	10	0.5	0.7	0.6
AS Rate (Aust)				1.2	1.1	1.1				0.4	0.6	0.5
Confidence Interval (95%)				0.5 – 1.9	0.4 – 1.7	0.7 – 1.6				0.0 – 0.8	0.1 – 1.0	0.2 – 0.8
AS Rate (World)				0.8	0.7	0.7				0.3	0.4	0.3
Confidence Interval (95%)				0.4 – 1.2	0.3 – 1.1	0.5 – 1.0				0.0 – 0.6	0.1 – 0.7	0.1 – 0.5
Lifetime Risk				1 in 1427	1 in 1512	1 in 1469				1 in 3,391	1 in 3,827	1 in 3,605
PYLL										63	63	125
% of all cancers				0.2	0.2	0.2				0.2	0.4	0.3
Trend 2016–2020 (per annum)				-3.7%	9.2%	0.9%				-1.6%	153.7%	12.5%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.4 – Cancer of the Mouth

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	1	1	0.0	1.8	0.9
50–54	2	0	2	3.6	0.0	1.8	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	1	2	3	1.8	3.4	2.6
60–64	3	2	5	5.7	3.6	4.6	0	0	0	0.0	0.0	0.0
65–69	8	3	11	16.9	5.9	11.2	2	0	2	4.2	0.0	2.0
70–74	4	4	8	9.3	8.7	9.0	3	0	3	7.0	0.0	3.4
75–79	4	5	9	13.6	15.1	14.4	3	0	3	10.2	0.0	4.8
80–84	0	2	2	0.0	8.3	4.6	0	4	4	0.0	16.7	9.2
85+	4	1	5	22.7	3.5	10.9	1	2	3	5.7	7.0	6.5
Total/Crude rate	28	17	45	3.2	1.9	2.5	10	9	19	1.1	1.0	1.1
AS Rate (Aust)				2.7	1.3	2.0				0.9	0.8	0.8
Confidence Interval (95%)				1.7 – 3.7	0.7 – 2.0	1.4 – 2.5				0.3 – 1.4	0.3 – 1.3	0.5 – 1.2
AS Rate (World)				1.8	0.8	1.3				0.6	0.5	0.5
Confidence Interval (95%)				1.1 – 2.4	0.5 – 1.2	0.9 – 1.6				0.2 – 0.9	0.2 – 0.8	0.3 – 0.7
Lifetime Risk				1 in 489	1 in 1099	1 in 684				1 in 1,536	1 in 3,846	1 in 2,237
PYLL										40	63	103
% of all cancers				0.5	0.4	0.4				0.5	0.5	0.5
Trend 2016–2020 (per annum)				5.5%	4.6%	5.0%				-14.3%	54.2%	-1.9%

Table A2.5 – Cancer of the Oropharynx

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.9	1.0	0	0	0	0.0	0.0	0.0
45–49	1	2	3	1.8	3.5	2.7	0	0	0	0.0	0.0	0.0
50–54	6	0	6	10.9	0.0	5.4	0	0	0	0.0	0.0	0.0
55–59	16	2	18	28.5	3.4	15.7	0	1	1	0.0	1.7	0.9
60–64	9	4	13	17.1	7.1	11.9	3	0	3	5.7	0.0	2.8
65–69	4	1	5	8.5	2.0	5.1	2	2	4	4.2	3.9	4.1
70–74	6	4	10	14.0	8.7	11.3	1	1	2	2.3	2.2	2.3
75–79	3	1	4	10.2	3.0	6.4	1	0	1	3.4	0.0	1.6
80–84	1	1	2	5.2	4.2	4.6	2	0	2	10.3	0.0	4.6
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	46	16	62	5.3	1.8	3.5	9	4	13	1.0	0.4	0.7
AS Rate (Aust)				4.7	1.5	3.0				0.9	0.3	0.6
Confidence Interval (95%)				3.3 – 6.0	0.8 – 2.3	2.3 – 3.8				0.3 – 1.4	0.0 – 0.7	0.3 – 0.9
AS Rate (World)				3.4	1.1	2.2				0.5	0.2	0.4
Confidence Interval (95%)				2.5 – 4.3	0.5 – 1.6	1.7 – 2.8				0.2 – 0.9	0.0 – 0.5	0.2 – 0.6
Lifetime Risk				1 in 248	1 in 750	1 in 377				1 in 1,631	1 in 2,555	1 in 2,007
PYLL										55	35	90
% of all cancers				0.7	0.3	0.6				0.4	0.2	0.3
Trend 2016–2020 (per annum)				-3.6%	40.8%	-0.4%				-7.0%	60.8%	-2.4%

Table A2.6 – Cancer of the Nasopharynx

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	2	1	3	3.8	1.8	2.8	0	0	0	0.0	0.0	0.0
65–69	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
70–74	1	1	2	2.3	2.2	2.3	1	0	1	2.3	0.0	1.1
75–79	0	1	1	0.0	3.0	1.6	0	1	1	0.0	3.0	1.6
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	5	5	10	0.6	0.6	0.6	1	1	2	0.1	0.1	0.1
AS Rate (Aust)				0.5	0.4	0.5				0.1	0.1	0.1
Confidence Interval (95%)				0.1 – 1.0	0.0 – 0.8	0.2 – 0.8				0.0 – 0.2	0.0 – 0.2	0.0 – 0.2
AS Rate (World)				0.4	0.3	0.4				0.1	0.0	0.0
Confidence Interval (95%)				0.1 – 0.7	0.0 – 0.6	0.1 – 0.6				0.0 – 0.1	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 2072	1 in 2602	1 in 2308				1 in 8,562	N/A	1 in 17,709
PYLL										3	0	3
% of all cancers				0.1	0.1	0.1				0.0	0.1	0.1
Trend 2016–2020 (per annum)				-5.4%	13.0%	-0.6%				-9.8%	282.8%	-4.3%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.7 – Cancer of the Hypopharynx

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	2	0	2	3.6	0.0	1.8	0	0	0	0.0	0.0	0.0
55–59	1	1	2	1.8	1.7	1.7	1	0	1	1.8	0.0	0.9
60–64	3	0	3	5.7	0.0	2.8	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	5	0	5	11.7	0.0	5.6	2	0	2	4.7	0.0	2.3
75–79	0	1	1	0.0	3.0	1.6	1	1	2	3.4	3.0	3.2
80–84	1	1	2	5.2	4.2	4.6	1	0	1	5.2	0.0	2.3
85+	1	0	1	5.7	0.0	2.2	1	0	1	5.7	0.0	2.2
Total/Crude rate	13	3	16	1.5	0.3	0.9	6	1	7	0.7	0.1	0.4
AS Rate (Aust)				1.2	0.3	0.7				0.5	0.1	0.3
Confidence Interval (95%)				0.6 – 1.9	0.0 – 0.6	0.4 – 1.1				0.1 – 1.0	0.0 – 0.2	0.1 – 0.5
AS Rate (World)				0.8	0.2	0.5				0.3	0.0	0.2
Confidence Interval (95%)				0.4 – 1.3	0.0 – 0.3	0.3 – 0.7				0.1 – 0.5	0.0 – 0.1	0.1 – 0.3
Lifetime Risk				1 in 877	1 in 11659	1 in 1675				1 in 3,098	N/A	1 in 6,383
PYLL										23	0	23
% of all cancers				0.2	0.1	0.1				0.3	0.1	0.2
Trend 2016–2020 (per annum)				19.6%	32.6%	19.6%				-10.2%	undefined	-7.0%

Table A2.8 – Cancer of Unspecified sites - lip, oral cavity and pharynx

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	2	0	2	3.6	0.0	1.8	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.7	0.9
60–64	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	1	1	0.0	2.0	1.0
70–74	1	0	1	2.3	0.0	1.1	0	1	1	0.0	2.2	1.1
75–79	0	1	1	0.0	3.0	1.6	0	1	1	0.0	3.0	1.6
80–84	0	1	1	0.0	4.2	2.3	0	1	1	0.0	4.2	2.3
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	4	2	6	0.5	0.2	0.3	0	5	5	0.0	0.6	0.3
AS Rate (Aust)				0.4	0.2	0.3				0.0	0.4	0.2
Confidence Interval (95%)				0.0 – 0.9	0.0 – 0.4	0.1 – 0.5				0.0 – 0.0	0.0 – 0.8	0.0 – 0.4
AS Rate (World)				0.3	0.1	0.2				0.0	0.3	0.1
Confidence Interval (95%)				0.0 – 0.7	0.0 – 0.2	0.0 – 0.4				0.0 – 0.0	0.1 – 0.5	0.0 – 0.2
Lifetime Risk				1 in 2556	N/A	1 in 5221				N/A	1 in 3,410	1 in 6,617
PYLL										0	28	28
% of all cancers				0.1	0.0	0.1				0.0	0.3	0.1
Trend 2016–2020 (per annum)				-13.3%	-9.9%	-11.9%				-22.4%	undefined	-1.5%

Table A2.9 – Cancer of the Oesophagus

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	1	0	1	1.7	0.0	0.9
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	1	0	1	1.8	0.0	0.9
50–54	6	2	8	10.9	3.5	7.2	3	1	4	5.5	1.8	3.6
55–59	14	2	16	25.0	3.4	14.0	8	0	8	14.3	0.0	7.0
60–64	13	0	13	24.7	0.0	11.9	10	1	11	19.0	1.8	10.1
65–69	27	3	30	57.2	5.9	30.6	14	2	16	29.6	3.9	16.3
70–74	20	4	24	46.7	8.7	27.1	18	1	19	42.0	2.2	21.5
75–79	11	9	20	37.5	27.2	32.1	10	4	14	34.1	12.1	22.5
80–84	8	3	11	41.3	12.5	25.4	11	3	14	56.8	12.5	32.3
85+	6	4	10	34.0	14.1	21.7	5	4	9	28.3	14.1	19.5
Total/Crude rate	105	27	132	12.0	3.0	7.5	81	16	97	9.3	1.8	5.5
AS Rate (Aust)				9.9	2.2	5.9				7.6	1.3	4.3
Confidence Interval (95%)				8.0 – 11.8	1.3 – 3.0	4.8 – 6.9				6.0 – 9.3	0.6 – 1.9	3.4 – 5.1
AS Rate (World)				6.5	1.3	3.8				4.9	0.7	2.7
Confidence Interval (95%)				5.3 – 7.7	0.9 – 1.8	3.2 – 4.4				3.9 – 5.9	0.4 – 1.0	2.2 – 3.2
Lifetime Risk				1 in 122	1 in 927	1 in 221				1 in 176	1 in 2,072	1 in 333
PYLL										548	53	600
% of all cancers				1.7	0.6	1.2				3.7	1.0	2.5
Trend 2016–2020 (per annum)				1.1%	-2.0%	0.6%				2.0%	-1.8%	1.7%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.10 – Cancer of the Stomach

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	2	2	4	3.5	3.4	3.4	0	0	0	0.0	0.0	0.0
40–44	5	2	7	9.6	3.8	6.7	2	0	2	3.8	0.0	1.9
45–49	5	1	6	9.0	1.8	5.3	2	2	4	3.6	3.5	3.6
50–54	4	3	7	7.3	5.3	6.3	3	3	6	5.5	5.3	5.4
55–59	8	3	11	14.3	5.1	9.6	8	2	10	14.3	3.4	8.7
60–64	9	8	17	17.1	14.3	15.6	2	4	6	3.8	7.1	5.5
65–69	16	6	22	33.9	11.8	22.4	8	3	11	16.9	5.9	11.2
70–74	21	14	35	49.1	30.6	39.5	11	4	15	25.7	8.7	16.9
75–79	11	8	19	37.5	24.2	30.5	12	7	19	40.9	21.2	30.5
80–84	16	6	22	82.6	25.0	50.8	11	5	16	56.8	20.9	36.9
85+	9	10	19	51.0	35.2	41.2	14	11	25	79.3	38.7	54.3
Total/Crude rate	106	64	170	12.1	7.1	9.6	73	41	114	8.4	4.6	6.4
AS Rate (Aust)				10.4	5.4	7.8				7.1	3.4	5.1
Confidence Interval (95%)				8.4 – 12.4	4.1 – 6.8	6.6 – 8.9				5.4 – 8.7	2.3 – 4.4	4.1 – 6.0
AS Rate (World)				6.8	3.6	5.1				4.2	2.0	3.1
Confidence Interval (95%)				5.6 – 8.1	2.7 – 4.5	4.4 – 5.9				3.3 – 5.1	1.4 – 2.7	2.5 – 3.6
Lifetime Risk				1 in 140	1 in 258	1 in 183				1 in 272	1 in 589	1 in 376
PYLL										440	240	680
% of all cancers				1.7	1.3	1.5				3.3	2.4	2.9
Trend 2016–2020 (per annum)				0.4%	-0.2%	0.2%				2.7%	-2.4%	1.2%

Table A2.11 – Cancer of the Small intestine

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	1	2	1.7	1.7	1.7	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	3	3	0.0	5.7	2.9	0	0	0	0.0	0.0	0.0
45–49	0	2	2	0.0	3.5	1.8	1	2	3	1.8	3.5	2.7
50–54	2	2	4	3.6	3.5	3.6	0	0	0	0.0	0.0	0.0
55–59	3	1	4	5.4	1.7	3.5	0	0	0	0.0	0.0	0.0
60–64	4	1	5	7.6	1.8	4.6	2	0	2	3.8	0.0	1.8
65–69	2	5	7	4.2	9.8	7.1	3	2	5	6.4	3.9	5.1
70–74	7	6	13	16.4	13.1	14.7	1	2	3	2.3	4.4	3.4
75–79	4	4	8	13.6	12.1	12.8	3	3	6	10.2	9.1	9.6
80–84	2	3	5	10.3	12.5	11.5	3	6	9	15.5	25.0	20.8
85+	3	1	4	17.0	3.5	8.7	2	4	6	11.3	14.1	13.0
Total/Crude rate	28	29	57	3.2	3.2	3.2	15	19	34	1.7	2.1	1.9
AS Rate (Aust)				2.7	2.7	2.6				1.5	1.5	1.5
Confidence Interval (95%)				1.7 – 3.7	1.7 – 3.7	1.9 – 3.3				0.7 – 2.2	0.8 – 2.2	1.0 – 2.0
AS Rate (World)				1.7	1.9	1.8				0.9	0.9	0.9
Confidence Interval (95%)				1.1 – 2.4	1.2 – 2.7	1.4 – 2.3				0.4 – 1.3	0.5 – 1.3	0.6 – 1.1
Lifetime Risk				1 in 515	1 in 490	1 in 503				1 in 1,401	1 in 1,690	1 in 1,540
PYLL										78	75	153
% of all cancers				0.5	0.6	0.5				0.7	1.1	0.9
Trend 2016–2020 (per annum)				-8.3%	-1.7%	-5.5%				12.2%	15.3%	14.4%

Table A2.12 – Cancer of the Colon and rectum

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	2	0	2	3.8	0.0	2.0	0	0	0	0.0	0.0	0.0
20–24	2	1	3	3.4	1.8	2.6	0	0	0	0.0	0.0	0.0
25–29	4	2	6	6.8	3.4	5.1	1	0	1	1.7	0.0	0.8
30–34	12	6	18	20.5	10.0	15.2	1	0	1	1.7	0.0	0.8
35–39	7	12	19	12.2	20.5	16.4	3	1	4	5.2	1.7	3.4
40–44	11	11	22	21.1	20.8	21.0	1	2	3	1.9	3.8	2.9
45–49	20	19	39	35.9	33.6	34.8	9	5	14	16.2	8.8	12.5
50–54	50	33	83	91.2	57.9	74.2	9	6	15	16.4	10.5	13.4
55–59	50	46	96	89.2	78.9	84.0	14	10	24	25.0	17.2	21.0
60–64	80	49	129	151.9	87.3	118.6	16	10	26	30.4	17.8	23.9
65–69	82	52	134	173.6	102.1	136.5	23	16	39	48.7	31.4	39.7
70–74	72	76	148	168.2	166.2	167.2	24	26	50	56.1	56.9	56.5
75–79	60	67	127	204.7	202.7	203.7	26	25	51	88.7	75.6	81.8
80–84	67	73	140	345.9	304.5	323.0	32	28	60	165.2	116.8	138.4
85+	61	87	148	345.4	306.2	321.3	58	63	121	328.4	221.8	262.6
Total/Crude rate	580	534	1,114	66.4	59.6	63.0	217	192	409	24.8	21.4	23.1
AS Rate (Aust)				58.2	46.1	51.9				21.5	15.1	18.0
Confidence Interval (95%)				53.4 – 63.0	42.1 – 50.1	48.8 – 55.0				18.6 – 24.3	12.9 – 17.3	16.2 – 19.7
AS Rate (World)				38.9	30.4	34.5				12.4	8.6	10.4
Confidence Interval (95%)				35.8 – 42.0	27.8 – 33.0	32.5 – 36.5				10.8 – 14.0	7.4 – 9.9	9.4 – 11.4
Lifetime Risk				1 in 26	1 in 35	1 in 30				1 in 99	1 in 136	1 in 115
PYLL										1,363	860	2,223
% of all cancers				9.4	11.1	10.1				9.8	11.5	10.5
Trend 2016–2020 (per annum)				-2.9%	-0.4%	-1.7%				-4.4%	-0.8%	-2.9%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.13 – Cancer of the Anus, anal canal, anorectum

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
40–44	0	2	2	0.0	3.8	1.9	0	0	0	0.0	0.0	0.0
45–49	1	3	4	1.8	5.3	3.6	0	0	0	0.0	0.0	0.0
50–54	1	3	4	1.8	5.3	3.6	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	1	1	2	1.8	1.7	1.7
60–64	1	5	6	1.9	8.9	5.5	1	2	3	1.9	3.6	2.8
65–69	3	7	10	6.4	13.7	10.2	0	0	0	0.0	0.0	0.0
70–74	4	1	5	9.3	2.2	5.6	2	0	2	4.7	0.0	2.3
75–79	2	4	6	6.8	12.1	9.6	0	2	2	0.0	6.1	3.2
80–84	0	2	2	0.0	8.3	4.6	0	4	4	0.0	16.7	9.2
85+	0	0	0	0.0	0.0	0.0	1	1	2	5.7	3.5	4.3
Total/Crude rate	12	29	41	1.4	3.2	2.3	5	10	15	0.6	1.1	0.8
AS Rate (Aust)				1.1	2.8	2.0				0.5	0.8	0.7
Confidence Interval (95%)				0.5 – 1.7	1.8 – 3.9	1.4 – 2.6				0.1 – 0.9	0.3 – 1.4	0.3 – 1.0
AS Rate (World)				0.8	2.1	1.5				0.3	0.5	0.4
Confidence Interval (95%)				0.3 – 1.2	1.3 – 2.9	1.0 – 1.9				0.0 – 0.5	0.2 – 0.7	0.2 – 0.6
Lifetime Risk				1 in 943	1 in 470	1 in 623				1 in 2,394	1 in 3,789	1 in 2,957
PYLL										35	43	78
% of all cancers				0.2	0.6	0.4				0.2	0.6	0.4
Trend 2016–2020 (per annum)				-1.8%	10.2%	6.5%				25.4%	42.5%	34.7%

Table A2.14 – Cancer of the Liver and intrahepatic bile ducts

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	1	1	0.0	2.1	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	3	0	3	5.4	0.0	2.7	0	0	0	0.0	0.0	0.0
50–54	4	6	10	7.3	10.5	8.9	4	4	8	7.3	7.0	7.2
55–59	8	6	14	14.3	10.3	12.2	2	3	5	3.6	5.1	4.4
60–64	22	9	31	41.8	16.0	28.5	14	1	15	26.6	1.8	13.8
65–69	25	6	31	52.9	11.8	31.6	14	5	19	29.6	9.8	19.4
70–74	23	9	32	53.7	19.7	36.1	20	6	26	46.7	13.1	29.4
75–79	17	8	25	58.0	24.2	40.1	14	4	18	47.8	12.1	28.9
80–84	14	6	20	72.3	25.0	46.1	14	4	18	72.3	16.7	41.5
85+	9	4	13	51.0	14.1	28.2	8	10	18	45.3	35.2	39.1
Total/Crude rate	126	56	182	14.4	6.3	10.3	90	37	127	10.3	4.1	7.2
AS Rate (Aust)				12.0	5.0	8.2				8.4	3.0	5.5
Confidence Interval (95%)				9.8 – 14.1	3.6 – 6.3	7.0 – 9.4				6.6 – 10.1	2.0 – 4.0	4.6 – 6.5
AS Rate (World)				7.6	3.4	5.4				5.1	1.8	3.4
Confidence Interval (95%)				6.3 – 8.9	2.5 – 4.4	4.6 – 6.2				4.1 – 6.1	1.2 – 2.4	2.8 – 3.9
Lifetime Risk				1 in 113	1 in 277	1 in 163				1 in 176	1 in 543	1 in 271
PYLL										455	208	663
% of all cancers				2.0	1.2	1.7				4.1	2.2	3.3
Trend 2016–2020 (per annum)				-2.2%	4.7%	-0.5%				-3.5%	1.5%	-2.4%

Table A2.15 – Cancer of the Gallbladder and bile ducts

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	2	2	0.0	3.4	1.7	0	1	1	0.0	1.7	0.9
40–44	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.9	1.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	2	1	3	3.6	1.8	2.7	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	2	4	6	3.6	6.9	5.2
60–64	3	4	7	5.7	7.1	6.4	2	3	5	3.8	5.3	4.6
65–69	9	8	17	19.1	15.7	17.3	3	3	6	6.4	5.9	6.1
70–74	4	9	13	9.3	19.7	14.7	5	8	13	11.7	17.5	14.7
75–79	7	10	17	23.9	30.3	27.3	5	6	11	17.1	18.2	17.6
80–84	8	10	18	41.3	41.7	41.5	5	9	14	25.8	37.5	32.3
85+	7	10	17	39.6	35.2	36.9	11	11	22	62.3	38.7	47.8
Total/Crude rate	42	55	97	4.8	6.1	5.5	33	46	79	3.8	5.1	4.5
AS Rate (Aust)				4.0	4.4	4.2				3.1	3.7	3.4
Confidence Interval (95%)				2.8 – 5.3	3.2 – 5.6	3.4 – 5.1				2.1 – 4.2	2.6 – 4.8	2.6 – 4.1
AS Rate (World)				2.3	2.7	2.5				1.6	2.2	1.9
Confidence Interval (95%)				1.7 – 3.0	2.0 – 3.3	2.0 – 3.0				1.1 – 2.1	1.6 – 2.8	1.5 – 2.3
Lifetime Risk				1 in 484	1 in 405	1 in 440				1 in 788	1 in 511	1 in 617
PYLL										95	220	315
% of all cancers				0.7	1.1	0.9				1.5	2.7	2.0
Trend 2016–2020 (per annum)				4.0%	-1.8%	0.4%				3.5%	6.5%	4.8%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.16 – Cancer of the Pancreas

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	2	3	1.7	3.4	2.6	0	1	1	0.0	1.7	0.9
40–44	3	1	4	5.8	1.9	3.8	1	1	2	1.9	1.9	1.9
45–49	3	2	5	5.4	3.5	4.5	3	2	5	5.4	3.5	4.5
50–54	8	5	13	14.6	8.8	11.6	7	1	8	12.8	1.8	7.2
55–59	13	10	23	23.2	17.2	20.1	10	5	15	17.8	8.6	13.1
60–64	14	9	23	26.6	16.0	21.1	14	10	24	26.6	17.8	22.1
65–69	28	23	51	59.3	45.2	52.0	9	19	28	19.1	37.3	28.5
70–74	34	31	65	79.4	67.8	73.4	23	16	39	53.7	35.0	44.0
75–79	29	22	51	99.0	66.6	81.8	21	21	42	71.7	63.5	67.4
80–84	21	23	44	108.4	95.9	101.5	25	25	50	129.1	104.3	115.3
85+	19	38	57	107.6	133.8	123.7	28	47	75	158.6	165.4	162.8
Total/Crude rate	173	166	339	19.8	18.5	19.2	141	148	289	16.1	16.5	16.3
AS Rate (Aust)				16.4	13.2	14.8				13.7	11.5	12.5
Confidence Interval (95%)				13.9 – 18.9	11.2 – 15.3	13.2 – 16.4				11.4 – 15.9	9.6 – 13.4	11.1 – 14.0
AS Rate (World)				10.3	8.0	9.1				7.9	6.4	7.1
Confidence Interval (95%)				8.8 – 11.8	6.8 – 9.1	8.2 – 10.0				6.7 – 9.1	5.4 – 7.4	6.3 – 7.9
Lifetime Risk				1 in 93	1 in 123	1 in 106				1 in 146	1 in 186	1 in 164
PYLL										748	543	1,290
% of all cancers				2.8	3.4	3.1				6.4	8.8	7.4
Trend 2016–2020 (per annum)				6.6%	4.0%	5.6%				0.8%	9.0%	4.3%

Table A2.17 – Cancer of the Nose, nasal cavities, middle ear and accessory sinuses

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	2.0	0.0	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	2	0	2	3.6	0.0	1.7	0	1	1	0.0	1.7	0.9
60–64	2	0	2	3.8	0.0	1.8	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	1	0	1	2.3	0.0	1.1	0	1	1	0.0	2.2	1.1
75–79	2	2	4	6.8	6.1	6.4	2	0	2	6.8	0.0	3.2
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	1	1	0.0	3.5	2.2	1	1	2	5.7	3.5	4.3
Total/Crude rate	10	3	13	1.1	0.3	0.7	3	3	6	0.3	0.3	0.3
AS Rate (Aust)				1.0	0.2	0.6				0.3	0.2	0.2
Confidence Interval (95%)				0.4 – 1.7	0.0 – 0.5	0.3 – 1.0				0.0 – 0.6	0.0 – 0.5	0.0 – 0.4
AS Rate (World)				0.9	0.1	0.5				0.1	0.1	0.1
Confidence Interval (95%)				0.3 – 1.4	0.0 – 0.2	0.2 – 0.8				0.0 – 0.2	0.0 – 0.3	0.0 – 0.2
Lifetime Risk				1 in 1320	N/A	1 in 2677				N/A	1 in 5,126	1 in 9,981
PYLL										0	20	20
% of all cancers				0.2	0.1	0.1				0.1	0.2	0.2
Trend 2016–2020 (per annum)				-7.6%	-7.6%	-7.3%				-12.7%	-7.2%	-11.4%

Table A2.18 – Cancer of the Larynx

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
50–54	3	0	3	5.5	0.0	2.7	1	0	1	1.8	0.0	0.9
55–59	5	1	6	8.9	1.7	5.2	1	0	1	1.8	0.0	0.9
60–64	9	2	11	17.1	3.6	10.1	2	0	2	3.8	0.0	1.8
65–69	2	0	2	4.2	0.0	2.0	0	0	0	0.0	0.0	0.0
70–74	1	0	1	2.3	0.0	1.1	3	0	3	7.0	0.0	3.4
75–79	1	2	3	3.4	6.1	4.8	3	0	3	10.2	0.0	4.8
80–84	5	0	5	25.8	0.0	11.5	2	0	2	10.3	0.0	4.6
85+	1	0	1	5.7	0.0	2.2	2	0	2	11.3	0.0	4.3
Total/Crude rate	27	6	33	3.1	0.7	1.9	14	0	14	1.6	0.0	0.8
AS Rate (Aust)				2.8	0.6	1.6				1.3	0.0	0.6
Confidence Interval (95%)				1.7 – 3.9	0.1 – 1.0	1.1 – 2.2				0.6 – 2.0	0.0 – 0.0	0.3 – 0.9
AS Rate (World)				1.8	0.4	1.1				0.8	0.0	0.4
Confidence Interval (95%)				1.2 – 2.5	0.1 – 0.7	0.7 – 1.5				0.4 – 1.2	0.0 – 0.0	0.2 – 0.6
Lifetime Risk				1 in 526	1 in 2838	1 in 905				1 in 1,388	N/A	1 in 2,859
PYLL										73	0	73
% of all cancers				0.4	0.1	0.3				0.6	0.0	0.4
Trend 2016–2020 (per annum)				-7.2%	-4.9%	-7.1%				14.6%	-26.0%	-0.7%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.19 – Cancer of the Trachea, bronchus and lung

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	1	3	4	1.7	5.0	3.4	1	0	1	1.7	0.0	0.8
35–39	2	2	4	3.5	3.4	3.4	0	1	1	0.0	1.7	0.9
40–44	5	4	9	9.6	7.6	8.6	1	2	3	1.9	3.8	2.9
45–49	7	7	14	12.6	12.4	12.5	6	3	9	10.8	5.3	8.0
50–54	20	10	30	36.5	17.6	26.8	14	5	19	25.5	8.8	17.0
55–59	37	39	76	66.0	66.9	66.5	15	14	29	26.8	24.0	25.4
60–64	54	58	112	102.5	103.4	103.0	48	33	81	91.1	58.8	74.5
65–69	83	76	159	175.7	149.3	162.0	44	29	73	93.2	57.0	74.4
70–74	104	79	183	242.9	172.7	206.7	61	44	105	142.5	96.2	118.6
75–79	84	82	166	286.6	248.1	266.2	78	58	136	266.2	175.5	218.1
80–84	79	38	117	407.8	158.5	269.9	77	38	115	397.5	158.5	265.3
85+	77	58	135	436.0	204.2	293.0	98	64	162	555.0	225.3	351.6
Total/Crude rate	554	456	1,010	63.4	50.9	57.1	443	291	734	50.7	32.5	41.5
AS Rate (Aust)				52.6	37.9	44.4				42.5	23.2	31.7
Confidence Interval (95%)				48.2 – 57.0	34.3 – 41.4	41.6 – 47.1				38.5 – 46.5	20.5 – 25.9	29.4 – 34.1
AS Rate (World)				31.9	24.4	27.8				23.7	13.7	18.2
Confidence Interval (95%)				29.4 – 34.4	22.2 – 26.6	26.1 – 29.4				21.7 – 25.8	12.1 – 15.2	17.0 – 19.5
Lifetime Risk				1 in 31	1 in 38	1 in 34				1 in 51	1 in 79	1 in 63
PYLL										1,900	1,283	3,183
% of all cancers				9.0	9.5	9.2				20.0	17.4	18.9
Trend 2016–2020 (per annum)				1.0%	-1.3%	0.0%				0.9%	-2.4%	-0.4%

Table A2.20 – Cancer of the Heart, mediastinum and pleura

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	1	0	1	1.9	0.0	1.0
45–49	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	2	0	2	3.6	0.0	1.7	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.8	0.9	1	0	1	1.9	0.0	0.9
65–69	2	2	4	4.2	3.9	4.1	2	2	4	4.2	3.9	4.1
70–74	9	1	10	21.0	2.2	11.3	5	2	7	11.7	4.4	7.9
75–79	13	4	17	44.4	12.1	27.3	9	1	10	30.7	3.0	16.0
80–84	11	2	13	56.8	8.3	30.0	10	2	12	51.6	8.3	27.7
85+	6	1	7	34.0	3.5	15.2	8	3	11	45.3	10.6	23.9
Total/Crude rate	43	11	54	4.9	1.2	3.1	36	11	47	4.1	1.2	2.7
AS Rate (Aust)				3.9	0.9	2.2				3.4	0.9	2.0
Confidence Interval (95%)				2.7 – 5.1	0.4 – 1.4	1.6 – 2.8				2.3 – 4.5	0.3 – 1.4	1.4 – 2.6
AS Rate (World)				2.1	0.5	1.3				1.8	0.5	1.1
Confidence Interval (95%)				1.6 – 2.6	0.2 – 0.8	1.0 – 1.5				1.3 – 2.3	0.2 – 0.8	0.8 – 1.4
Lifetime Risk				1 in 694	1 in 2533	1 in 1109				1 in 1,014	1 in 1,986	1 in 1,357
PYLL										73	48	120
% of all cancers				0.7	0.2	0.5				1.6	0.7	1.2
Trend 2016–2020 (per annum)				-2.7%	-5.1%	-2.9%				-4.7%	11.3%	-1.6%

Table A2.21 – Cancer of the Thymus

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.9	1.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	1	1	2	2.3	2.2	2.3	1	1	2	2.3	2.2	2.3
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	1	0	1	5.7	0.0	2.2
Total/Crude rate	2	3	5	0.2	0.3	0.3	2	3	5	0.2	0.3	0.3
AS Rate (Aust)				0.2	0.3	0.3				0.2	0.3	0.2
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.7	0.0 – 0.5				0.0 – 0.4	0.0 – 0.7	0.0 – 0.5
AS Rate (World)				0.2	0.3	0.2				0.1	0.3	0.2
Confidence Interval (95%)				0.0 – 0.4	0.0 – 0.6	0.0 – 0.4				0.0 – 0.2	0.0 – 0.6	0.0 – 0.3
Lifetime Risk				1 in 4841	1 in 3532	1 in 4079				1 in 8,562	1 in 3,428	1 in 4,871
PYLL										3	58	60
% of all cancers				0.0	0.1	0.0				0.1	0.2	0.1
Trend 2016–2020 (per annum)				-8.7%	-12.9%	-11.0%				17.4%	46.4%	26.5%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.22 – Cancer of the Bone, joints and articular cartilage

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	2	0	2	3.7	0.0	1.9	0	1	1	0.0	1.9	0.9
15–19	3	0	3	5.7	0.0	2.9	1	0	1	1.9	0.0	1.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.9	1	0	1	1.7	0.0	0.9
40–44	3	0	3	5.8	0.0	2.9	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
70–74	3	1	4	7.0	2.2	4.5	2	0	2	4.7	0.0	2.3
75–79	2	1	3	6.8	3.0	4.8	0	0	0	0.0	0.0	0.0
80–84	1	0	1	5.2	0.0	2.3	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	18	4	22	2.1	0.4	1.2	4	1	5	0.5	0.1	0.3
AS Rate (Aust)				2.0	0.3	1.2				0.4	0.1	0.3
Confidence Interval (95%)				1.1 – 2.9	0.0 – 0.7	0.7 – 1.7				0.0 – 0.8	0.0 – 0.4	0.0 – 0.5
AS Rate (World)				2.0	0.2	1.1				0.4	0.2	0.3
Confidence Interval (95%)				1.0 – 2.9	0.0 – 0.5	0.6 – 1.6				0.0 – 0.8	0.0 – 0.5	0.0 – 0.5
Lifetime Risk				1 in 687	1 in 3386	1 in 1138				1 in 2,402	1 in 10,316	1 in 3,961
PYLL										100	63	163
% of all cancers				0.3	0.1	0.2				0.2	0.1	0.1
Trend 2016–2020 (per annum)				10.0%	-12.8%	-2.8%				-12.7%	-11.5%	-11.6%

Table A2.23 – Melanoma of skin

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
20–24	3	3	6	5.1	5.4	5.2	0	0	0	0.0	0.0	0.0
25–29	1	5	6	1.7	8.6	5.1	0	0	0	0.0	0.0	0.0
30–34	5	8	13	8.5	13.3	11.0	0	0	0	0.0	0.0	0.0
35–39	13	11	24	22.6	18.8	20.7	0	0	0	0.0	0.0	0.0
40–44	12	16	28	23.0	30.3	26.7	1	0	1	1.9	0.0	1.0
45–49	17	22	39	30.5	38.9	34.8	2	3	5	3.6	5.3	4.5
50–54	42	27	69	76.6	47.4	61.7	2	0	2	3.6	0.0	1.8
55–59	39	28	67	69.6	48.0	58.6	3	2	5	5.4	3.4	4.4
60–64	54	36	90	102.5	64.2	82.7	4	0	4	7.6	0.0	3.7
65–69	63	42	105	133.4	82.5	107.0	7	3	10	14.8	5.9	10.2
70–74	84	44	128	196.2	96.2	144.6	6	6	12	14.0	13.1	13.6
75–79	77	29	106	262.8	87.7	170.0	5	0	5	17.1	0.0	8.0
80–84	62	24	86	320.0	100.1	198.4	6	5	11	31.0	20.9	25.4
85+	55	41	96	311.5	144.3	208.4	6	11	17	34.0	38.7	36.9
Total/Crude rate	527	337	864	60.3	37.6	48.8	42	30	72	4.8	3.3	4.1
AS Rate (Aust)				52.0	31.3	40.7				4.1	2.4	3.2
Confidence Interval (95%)				47.5 – 56.5	27.8 – 34.7	38.0 – 43.5				2.9 – 5.4	1.5 – 3.2	2.5 – 4.0
AS Rate (World)				34.3	22.8	28.1				2.6	1.4	1.9
Confidence Interval (95%)				31.5 – 37.2	20.3 – 25.3	26.3 – 30.0				1.8 – 3.3	0.8 – 1.9	1.5 – 2.4
Lifetime Risk				1 in 30	1 in 44	1 in 36				1 in 393	1 in 721	1 in 513
PYLL										303	155	458
% of all cancers				8.5	7.0	7.9				1.9	1.8	1.9
Trend 2016–2020 (per annum)				2.7%	-0.6%	1.2%				-2.4%	-0.3%	-0.9%

Table A2.24 – Cancer of the Skin of lip

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
45–49	3	1	4	5.4	1.8	3.6	0	0	0	0.0	0.0	0.0
50–54	3	1	4	5.5	1.8	3.6	0	0	0	0.0	0.0	0.0
55–59	4	1	5	7.1	1.7	4.4	0	0	0	0.0	0.0	0.0
60–64	11	0	11	20.9	0.0	10.1	0	0	0	0.0	0.0	0.0
65–69	4	3	7	8.5	5.9	7.1	0	0	0	0.0	0.0	0.0
70–74	1	3	4	2.3	6.6	4.5	0	0	0	0.0	0.0	0.0
75–79	2	3	5	6.8	9.1	8.0	0	0	0	0.0	0.0	0.0
80–84	3	5	8	15.5	20.9	18.5	0	0	0	0.0	0.0	0.0
85+	1	3	4	5.7	10.6	8.7	0	0	0	0.0	0.0	0.0
Total/Crude rate	34	20	54	3.9	2.2	3.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				3.6	1.6	2.6				0.0	0.0	0.0
Confidence Interval (95%)				2.4 – 4.8	0.9 – 2.4	1.9 – 3.3				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				2.6	1.0	1.8				0.0	0.0	0.0
Confidence Interval (95%)				1.7 – 3.4	0.6 – 1.4	1.3 – 2.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 376	1 in 1131	1 in 571				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.6	0.4	0.5				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-3.1%	-4.1%	-3.3%				-25.2%	-29.6%	-27.6%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

OFFICIAL

Table A2.25 – Cancer of the Skin of anus (including perineum, perianal skin)

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	0	2	2	0.0	3.9	2.0	0	0	0	0.0	0.0	0.0
70–74	2	2	4	4.7	4.4	4.5	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	1	0	1	5.7	0.0	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	5	5	10	0.6	0.6	0.6	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.5	0.4	0.4				0.0	0.0	0.0
Confidence Interval (95%)				0.1 – 0.9	0.0 – 0.8	0.2 – 0.7				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.3	0.3	0.3				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.6	0.1 – 0.5				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 2394	1 in 1989	1 in 2164				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.1	0.1	0.1				0.0	0.0	0.0
Trend 2016–2020 (per annum)				243.8%	10.4%	39.5%				0.0%	-28.9%	-20.4%

Table A2.26 – Cancer of the Connective and other soft tissue

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	2	1	3	3.9	2.1	3.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	2	3	1.9	4.0	2.9	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	2	0	2	3.4	0.0	1.7	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	2	1	3	3.5	1.7	2.6	0	0	0	0.0	0.0	0.0
40–44	5	2	7	9.6	3.8	6.7	0	0	0	0.0	0.0	0.0
45–49	1	4	5	1.8	7.1	4.5	0	0	0	0.0	0.0	0.0
50–54	3	1	4	5.5	1.8	3.6	2	0	2	3.6	0.0	1.8
55–59	3	3	6	5.4	5.1	5.2	0	0	0	0.0	0.0	0.0
60–64	10	3	13	19.0	5.3	11.9	2	1	3	3.8	1.8	2.8
65–69	10	2	12	21.2	3.9	12.2	4	0	4	8.5	0.0	4.1
70–74	12	7	19	28.0	15.3	21.5	4	0	4	9.3	0.0	4.5
75–79	20	5	25	68.2	15.1	40.1	3	1	4	10.2	3.0	6.4
80–84	8	6	14	41.3	25.0	32.3	4	2	6	20.6	8.3	13.8
85+	19	14	33	107.6	49.3	71.6	9	4	13	51.0	14.1	28.2
Total/Crude rate	99	51	150	11.3	5.7	8.5	28	8	36	3.2	0.9	2.0
AS Rate (Aust)				9.8	4.4	6.9				2.7	0.6	1.5
Confidence Interval (95%)				7.9 – 11.8	3.2 – 5.7	5.8 – 8.0				1.7 – 3.7	0.2 – 1.0	1.0 – 2.0
AS Rate (World)				6.4	3.1	4.6				1.4	0.3	0.8
Confidence Interval (95%)				5.1 – 7.7	2.1 – 4.0	3.8 – 5.5				0.9 – 1.9	0.1 – 0.4	0.6 – 1.1
Lifetime Risk				1 in 191	1 in 399	1 in 261				1 in 792	1 in 11,224	1 in 1,523
PYLL										110	13	123
% of all cancers				1.6	1.1	1.4				1.3	0.5	0.9
Trend 2016–2020 (per annum)				5.4%	3.4%	4.8%				1.9%	-8.8%	-3.4%

Table A2.27 – Cancer of Retroperitoneum and peritoneum

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.9	1.0
45–49	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
50–54	0	2	2	0.0	3.5	1.8	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.8	0.9	1	3	4	1.9	5.3	3.7
65–69	1	5	6	2.1	9.8	6.1	2	2	4	4.2	3.9	4.1
70–74	2	6	8	4.7	13.1	9.0	1	2	3	2.3	4.4	3.4
75–79	2	4	6	6.8	12.1	9.6	2	2	4	6.8	6.1	6.4
80–84	0	6	6	0.0	25.0	13.8	1	4	5	5.2	16.7	11.5
85+	1	5	6	5.7	17.6	13.0	2	6	8	11.3	21.1	17.4
Total/Crude rate	7	31	38	0.8	3.5	2.1	9	20	29	1.0	2.2	1.6
AS Rate (Aust)				0.6	2.5	1.6				0.8	1.6	1.3
Confidence Interval (95%)				0.2 – 1.1	1.6 – 3.4	1.1 – 2.2				0.3 – 1.4	0.9 – 2.3	0.8 – 1.7
AS Rate (World)				0.4	1.5	1.0				0.5	0.9	0.7
Confidence Interval (95%)				0.1 – 0.7	1.0 – 2.1	0.7 – 1.3				0.2 – 0.7	0.5 – 1.3	0.4 – 1.0
Lifetime Risk				1 in 2355	1 in 631	1 in 978				1 in 2,362	1 in 1,287	1 in 1,654
PYLL										30	90	120
% of all cancers				0.1	0.6	0.3				0.4	1.2	0.7
Trend 2016–2020 (per annum)				-11.1%	3.4%	-1.0%				0.9%	5.0%	3.1%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.28 – Cancer of the Female breast

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	4	4	0.0	6.8	3.4	0	0	0	0.0	0.0	0.0
30–34	0	17	17	0.0	28.3	14.3	0	1	1	0.0	1.7	0.8
35–39	0	35	35	0.0	59.8	30.2	0	2	2	0.0	3.4	1.7
40–44	0	70	70	0.0	132.5	66.7	0	2	2	0.0	3.8	1.9
45–49	0	113	113	0.0	199.9	100.7	0	6	6	0.0	10.6	5.3
50–54	0	152	152	0.0	266.9	136.0	0	17	17	0.0	29.9	15.2
55–59	0	152	152	0.0	260.7	132.9	0	21	21	0.0	36.0	18.4
60–64	0	163	163	0.0	290.5	149.8	0	19	19	0.0	33.9	17.5
65–69	0	183	183	0.0	359.5	186.5	0	23	23	0.0	45.2	23.4
70–74	0	210	210	0.0	459.2	237.2	0	27	27	0.0	59.0	30.5
75–79	0	98	98	0.0	296.5	157.2	0	20	20	0.0	60.5	32.1
80–84	0	91	91	0.0	379.5	209.9	0	28	28	0.0	116.8	64.6
85+	0	86	86	0.0	302.7	186.7	0	49	49	0.0	172.5	106.4
Total/Crude rate	0	1,375	1,375	0.0	153.5	77.7	0	215	215	0.0	24.0	12.2
AS Rate (Aust)				0.0	130.2	67.6				0.0	18.2	9.8
Confidence Interval (95%)				0.0 – 0.0	123.2 – 137.3	63.9 – 71.2				0.0 – 0.0	15.7 – 20.7	8.4 – 11.1
AS Rate (World)				0.0	95.6	49.2				0.0	11.4	6.0
Confidence Interval (95%)				0.0 – 0.0	90.5 – 100.7	46.6 – 51.8				0.0 – 0.0	9.9 – 13.0	5.2 – 6.8
Lifetime Risk				N/A	1 in 10	1 in 19				N/A	1 in 90	1 in 175
PYLL										0	1,575	1,575
% of all cancers				0.0	28.5	12.5				0.0	12.8	5.5
Trend 2016–2020 (per annum)				0.0%	-0.9%	-0.9%				0.0%	-4.3%	-4.1%

Table A2.29 – Cancer of the Male breast

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	3	0	3	5.4	0.0	2.6	0	0	0	0.0	0.0	0.0
60–64	2	0	2	3.8	0.0	1.8	1	0	1	1.9	0.0	0.9
65–69	1	0	1	2.1	0.0	1.0	1	0	1	2.1	0.0	1.0
70–74	1	0	1	2.3	0.0	1.1	0	0	0	0.0	0.0	0.0
75–79	3	0	3	10.2	0.0	4.8	0	0	0	0.0	0.0	0.0
80–84	2	0	2	10.3	0.0	4.6	0	0	0	0.0	0.0	0.0
85+	2	0	2	11.3	0.0	4.3	0	0	0	0.0	0.0	0.0
Total/Crude rate	15	0	15	1.7	0.0	0.8	2	0	2	0.2	0.0	0.1
AS Rate (Aust)				1.5	0.0	0.7				0.2	0.0	0.1
Confidence Interval (95%)				0.7 – 2.2	0.0 – 0.0	0.3 – 1.0				0.0 – 0.5	0.0 – 0.0	0.0 – 0.2
AS Rate (World)				0.9	0.0	0.4				0.1	0.0	0.1
Confidence Interval (95%)				0.5 – 1.4	0.0 – 0.0	0.2 – 0.7				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2
Lifetime Risk				1 in 1299	N/A	1 in 2667				1 in 4,981	N/A	1 in 10,319
PYLL										20	0	20
% of all cancers				0.2	0.0	0.1				0.1	0.0	0.1
Trend 2016–2020 (per annum)				22.4%	0.0%	21.8%				22.8%	0.0%	26.4%

Table A2.30 – Cancer of the Vulva

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
50–54	0	3	3	0.0	5.3	2.7	0	0	0	0.0	0.0	0.0
55–59	0	2	2	0.0	3.4	1.7	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.8	0.9	0	1	1	0.0	1.8	0.9
65–69	0	6	6	0.0	11.8	6.1	0	1	1	0.0	2.0	1.0
70–74	0	3	3	0.0	6.6	3.4	0	2	2	0.0	4.4	2.3
75–79	0	3	3	0.0	9.1	4.8	0	0	0	0.0	0.0	0.0
80–84	0	4	4	0.0	16.7	9.2	0	1	1	0.0	4.2	2.3
85+	0	6	6	0.0	21.1	13.0	0	4	4	0.0	14.1	8.7
Total/Crude rate	0	30	30	0.0	3.3	1.7	0	9	9	0.0	1.0	0.5
AS Rate (Aust)				0.0	2.6	1.4				0.0	0.7	0.4
Confidence Interval (95%)				0.0 – 0.0	1.6 – 3.5	0.9 – 1.9				0.0 – 0.0	0.2 – 1.1	0.1 – 0.6
AS Rate (World)				0.0	1.7	0.9				0.0	0.3	0.2
Confidence Interval (95%)				0.0 – 0.0	1.0 – 2.4	0.6 – 1.2				0.0 – 0.0	0.1 – 0.6	0.1 – 0.3
Lifetime Risk				N/A	1 in 614	1 in 1196				N/A	1 in 2,464	1 in 4,766
PYLL										0	25	25
% of all cancers				0.0	0.6	0.3				0.0	0.5	0.2
Trend 2016–2020 (per annum)				0.0%	-4.1%	-4.2%				0.0%	19.9%	18.9%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.31 – Cancer of the Vagina

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
65–69	0	1	1	0.0	2.0	1.0	0	1	1	0.0	2.0	1.0
70–74	0	1	1	0.0	2.2	1.1	0	1	1	0.0	2.2	1.1
75–79	0	1	1	0.0	3.0	1.6	0	0	0	0.0	0.0	0.0
80–84	0	2	2	0.0	8.3	4.6	0	0	0	0.0	0.0	0.0
85+	0	1	1	0.0	3.5	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	0	6	6	0.0	0.7	0.3	0	4	4	0.0	0.4	0.2
AS Rate (Aust)				0.0	0.5	0.3				0.0	0.4	0.2
Confidence Interval (95%)				0.0 – 0.0	0.1 – 0.8	0.0 – 0.5				0.0 – 0.0	0.0 – 0.8	0.0 – 0.4
AS Rate (World)				0.0	0.2	0.1				0.0	0.3	0.1
Confidence Interval (95%)				0.0 – 0.0	0.1 – 0.4	0.0 – 0.2				0.0 – 0.0	0.0 – 0.6	0.0 – 0.3
Lifetime Risk				N/A	1 in 4819	1 in 9310				N/A	1 in 2,597	1 in 5,052
PYLL										0	50	50
% of all cancers				0.0	0.1	0.1				0	0.2	0.1
Trend 2016–2020 (per annum)				0.0%	-17.6%	-17.5%				0.0%	-2.1%	-2.6%

Table A2.32 – Cancer of the Cervix uteri

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	4	4	0.0	6.8	3.4	0	0	0	0.0	0.0	0.0
30–34	0	6	6	0.0	10.0	5.1	0	1	1	0.0	1.7	0.8
35–39	0	16	16	0.0	27.3	13.8	0	0	0	0.0	0.0	0.0
40–44	0	12	12	0.0	22.7	11.4	0	2	2	0.0	3.8	1.9
45–49	0	5	5	0.0	8.8	4.5	0	2	2	0.0	3.5	1.8
50–54	0	8	8	0.0	14.0	7.2	0	0	0	0.0	0.0	0.0
55–59	0	4	4	0.0	6.9	3.5	0	0	0	0.0	0.0	0.0
60–64	0	4	4	0.0	7.1	3.7	0	5	5	0.0	8.9	4.6
65–69	0	2	2	0.0	3.9	2.0	0	1	1	0.0	2.0	1.0
70–74	0	4	4	0.0	8.7	4.5	0	1	1	0.0	2.2	1.1
75–79	0	2	2	0.0	6.1	3.2	0	2	2	0.0	6.1	3.2
80–84	0	0	0	0.0	0.0	0.0	0	1	1	0.0	4.2	2.3
85+	0	2	2	0.0	7.0	4.3	0	1	1	0.0	3.5	2.2
Total/Crude rate	0	69	69	0.0	7.7	3.9	0	16	16	0.0	1.8	0.9
AS Rate (Aust)				0.0	7.8	4.0				0.0	1.6	0.8
Confidence Interval (95%)				0.0 – 0.0	5.9 – 9.7	3.0 – 4.9				0.0 – 0.0	0.8 – 2.4	0.4 – 1.2
AS Rate (World)				0.0	7.1	3.6				0.0	1.2	0.6
Confidence Interval (95%)				0.0 – 0.0	5.5 – 8.6	2.8 – 4.4				0.0 – 0.0	0.6 – 1.8	0.3 – 0.9
Lifetime Risk				N/A	1 in 172	1 in 339				N/A	1 in 907	1 in 1,774
PYLL										0	235	235
% of all cancers				0.0	1.4	0.6				0.0	1.0	0.4
Trend 2016–2020 (per annum)				0.0%	8.4%	8.2%				0.0%	-3.6%	-4.2%

Table A2.33 – Cancer of the Body of the uterus

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	3	3	0.0	5.0	2.5	0	0	0	0.0	0.0	0.0
35–39	0	8	8	0.0	13.7	6.9	0	0	0	0.0	0.0	0.0
40–44	0	3	3	0.0	5.7	2.9	0	1	1	0.0	1.9	1.0
45–49	0	8	8	0.0	14.2	7.1	0	0	0	0.0	0.0	0.0
50–54	0	18	18	0.0	31.6	16.1	0	0	0	0.0	0.0	0.0
55–59	0	26	26	0.0	44.6	22.7	0	6	6	0.0	10.3	5.2
60–64	0	46	46	0.0	82.0	42.3	0	5	5	0.0	8.9	4.6
65–69	0	46	46	0.0	90.4	46.9	0	6	6	0.0	11.8	6.1
70–74	0	38	38	0.0	83.1	42.9	0	11	11	0.0	24.1	12.4
75–79	0	23	23	0.0	69.6	36.9	0	2	2	0.0	6.1	3.2
80–84	0	10	10	0.0	41.7	23.1	0	6	6	0.0	25.0	13.8
85+	0	11	11	0.0	38.7	23.9	0	5	5	0.0	17.6	10.9
Total/Crude rate	0	241	241	0.0	26.9	13.6	0	42	42	0.0	4.7	2.4
AS Rate (Aust)				0.0	22.0	11.4				0.0	3.5	1.8
Confidence Interval (95%)				0.0 – 0.0	19.1 – 24.8	9.9 – 12.9				0.0 – 0.0	2.4 – 4.6	1.3 – 2.4
AS Rate (World)				0.0	15.7	8.1				0.0	2.2	1.2
Confidence Interval (95%)				0.0 – 0.0	13.7 – 17.7	7.1 – 9.1				0.0 – 0.0	1.6 – 2.9	0.8 – 1.5
Lifetime Risk				N/A	1 in 54	1 in 105				N/A	1 in 352	1 in 682
PYLL										0	273	273
% of all cancers				0.0	5.0	2.2				0.0	2.5	1.1
Trend 2016–2020 (per annum)				0.0%	-2.1%	-2.1%				0.0%	-3.3%	-3.7%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.34 – Cancer of the Ovary

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	1	1	0.0	1.9	0.9	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	2	2	0.0	3.6	1.7	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	2	2	0.0	3.3	1.7	0	1	1	0.0	1.7	0.8
35–39	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
40–44	0	4	4	0.0	7.6	3.8	0	0	0	0.0	0.0	0.0
45–49	0	8	8	0.0	14.2	7.1	0	1	1	0.0	1.8	0.9
50–54	0	9	9	0.0	15.8	8.1	0	2	2	0.0	3.5	1.8
55–59	0	12	12	0.0	20.6	10.5	0	8	8	0.0	13.7	7.0
60–64	0	9	9	0.0	16.0	8.3	0	9	9	0.0	16.0	8.3
65–69	0	11	11	0.0	21.6	11.2	0	11	11	0.0	21.6	11.2
70–74	0	5	5	0.0	10.9	5.6	0	10	10	0.0	21.9	11.3
75–79	0	6	6	0.0	18.2	9.6	0	9	9	0.0	27.2	14.4
80–84	0	6	6	0.0	25.0	13.8	0	8	8	0.0	33.4	18.5
85+	0	13	13	0.0	45.8	28.2	0	14	14	0.0	49.3	30.4
Total/Crude rate	0	90	90	0.0	10.0	5.1	0	73	73	0.0	8.1	4.1
AS Rate (Aust)				0.0	8.6	4.5				0.0	6.0	3.2
Confidence Interval (95%)				0.0 – 0.0	6.8 – 10.4	3.6 – 5.4				0.0 – 0.0	4.6 – 7.5	2.5 – 4.0
AS Rate (World)				0.0	6.4	3.3				0.0	3.8	2.0
Confidence Interval (95%)				0.0 – 0.0	5.0 – 7.8	2.6 – 4.0				0.0 – 0.0	2.9 – 4.6	1.5 – 2.4
Lifetime Risk				N/A	1 in 169	1 in 330				N/A	1 in 250	1 in 485
PYLL										0	475	475
% of all cancers				0.0	1.9	0.8				0.0	4.4	1.9
Trend 2016–2020 (per annum)				0.0%	-2.9%	-3.1%				0.0%	3.1%	2.8%

Table A2.35 – Cancer of Other and unspecified female genitalia

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
55–59	0	4	4	0.0	6.9	3.5	0	0	0	0.0	0.0	0.0
60–64	0	6	6	0.0	10.7	5.5	0	4	4	0.0	7.1	3.7
65–69	0	5	5	0.0	9.8	5.1	0	2	2	0.0	3.9	2.0
70–74	0	4	4	0.0	8.7	4.5	0	3	3	0.0	6.6	3.4
75–79	0	3	3	0.0	9.1	4.8	0	1	1	0.0	3.0	1.6
80–84	0	6	6	0.0	25.0	13.8	0	2	2	0.0	8.3	4.6
85+	0	1	1	0.0	3.5	2.2	0	4	4	0.0	14.1	8.7
Total/Crude rate	0	30	30	0.0	3.3	1.7	0	17	17	0.0	1.9	1.0
AS Rate (Aust)				0.0	2.6	1.4				0.0	1.4	0.7
Confidence Interval (95%)				0.0 – 0.0	1.7 – 3.6	0.9 – 1.9				0.0 – 0.0	0.7 – 2.1	0.4 – 1.1
AS Rate (World)				0.0	1.7	0.9				0.0	0.8	0.4
Confidence Interval (95%)				0.0 – 0.0	1.1 – 2.3	0.6 – 1.2				0.0 – 0.0	0.4 – 1.2	0.2 – 0.7
Lifetime Risk				N/A	1 in 529	1 in 1027				N/A	1 in 1,033	1 in 2,001
PYLL										0	95	95
% of all cancers				0.0	0.6	0.3				0.0	1.0	0.4
Trend 2016–2020 (per annum)				0.0%	4.3%	4.4%				0.0%	34.2%	34.5%

Table A2.36 – Cancer of the Placenta

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.0	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.0	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				N/A	N/A	N/A				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				0.0%	-25.0%	-25.0%				0.0%	-33.3%	-33.3%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.37 – Cancer of the Penis

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	2	0	2	3.6	0.0	1.8	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	2	0	2	4.2	0.0	2.0	1	0	1	2.1	0.0	1.0
70–74	2	0	2	4.7	0.0	2.3	0	0	0	0.0	0.0	0.0
75–79	1	0	1	3.4	0.0	1.6	0	0	0	0.0	0.0	0.0
80–84	1	0	1	5.2	0.0	2.3	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	9	0	9	1.0	0.0	0.5	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.9	0.0	0.4				0.1	0.0	0.0
Confidence Interval (95%)				0.3 – 1.4	0.0 – 0.0	0.1 – 0.7				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				0.6	0.0	0.3				0.1	0.0	0.0
Confidence Interval (95%)				0.2 – 1.0	0.0 – 0.0	0.1 – 0.5				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 1384	N/A	1 in 2856				1 in 9,446	N/A	1 in 19,628
PYLL										8	0	8
% of all cancers				0.1	0.0	0.1				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-7.9%	0.0%	-7.6%				12.3%	0.0%	15.3%

Table A2.38 – Cancer of the Prostate

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	2	0	2	3.5	0.0	1.7	0	0	0	0.0	0.0	0.0
40–44	7	0	7	13.4	0.0	6.7	0	0	0	0.0	0.0	0.0
45–49	10	0	10	18.0	0.0	8.9	0	0	0	0.0	0.0	0.0
50–54	63	0	63	114.9	0.0	56.4	1	0	1	1.8	0.0	0.9
55–59	172	0	172	306.9	0.0	150.4	2	0	2	3.6	0.0	1.7
60–64	271	0	271	514.5	0.0	249.1	7	0	7	13.3	0.0	6.4
65–69	415	0	415	878.7	0.0	422.9	12	0	12	25.4	0.0	12.2
70–74	465	0	465	1,086.2	0.0	525.2	24	0	24	56.1	0.0	27.1
75–79	281	0	281	958.9	0.0	450.6	53	0	53	180.9	0.0	85.0
80–84	132	0	132	681.4	0.0	304.5	41	0	41	211.6	0.0	94.6
85+	80	0	80	453.0	0.0	173.7	124	0	124	702.2	0.0	269.2
Total/Crude rate	1,898	0	1,898	217.3	0.0	107.3	264	0	264	30.2	0.0	14.9
AS Rate (Aust)				175.2	0.0	83.2				25.4	0.0	10.8
Confidence Interval (95%)				167.2 – 183.2	0.0 – 0.0	79.4 – 87.0				22.3 – 28.5	0.0 – 0.0	9.5 – 12.1
AS Rate (World)				115.1	0.0	55.1				11.6	0.0	5.1
Confidence Interval (95%)				110.1 – 120.0	0.0 – 0.0	52.7 – 57.4				10.4 – 12.7	0.0 – 0.0	4.5 – 5.6
Lifetime Risk				1 in 7	N/A	1 in 15				1 in 200	N/A	1 in 414
PYLL										295	0	295
% of all cancers				30.7	0.0	17.3				11.9	0.0	6.8
Trend 2016–2020 (per annum)				6.5%	0.0%	6.8%				-1.8%	0.0%	-1.6%

Table A2.39 – Cancer of the Testis

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	8	0	8	13.6	0.0	7.0	0	0	0	0.0	0.0	0.0
25–29	6	0	6	10.1	0.0	5.1	1	0	1	1.7	0.0	0.8
30–34	16	0	16	27.3	0.0	13.5	0	0	0	0.0	0.0	0.0
35–39	7	0	7	12.2	0.0	6.0	1	0	1	1.7	0.0	0.9
40–44	13	0	13	24.9	0.0	12.4	1	0	1	1.9	0.0	1.0
45–49	6	0	6	10.8	0.0	5.3	0	0	0	0.0	0.0	0.0
50–54	5	0	5	9.1	0.0	4.5	0	0	0	0.0	0.0	0.0
55–59	4	0	4	7.1	0.0	3.5	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	3	0	3	7.0	0.0	3.4	1	0	1	2.3	0.0	1.1
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	68	0	68	7.8	0.0	3.8	4	0	4	0.5	0.0	0.2
AS Rate (Aust)				8.2	0.0	4.1				0.5	0.0	0.2
Confidence Interval (95%)				6.3 – 10.2	0.0 – 0.0	3.1 – 5.1				0.0 – 0.9	0.0 – 0.0	0.0 – 0.5
AS Rate (World)				8.1	0.0	4.1				0.4	0.0	0.2
Confidence Interval (95%)				6.4 – 9.9	0.0 – 0.0	3.2 – 4.9				0.0 – 0.9	0.0 – 0.0	0.0 – 0.4
Lifetime Risk				1 in 164	N/A	1 in 330				1 in 2,604	N/A	1 in 5,273
PYLL										120	0	120
% of all cancers				1.1	0.0	0.6				0.2	0.0	0.1
Trend 2016–2020 (per annum)				2.3%	0.0%	2.2%				-8.1%	0.0%	-8.6%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.40 – Cancer of Other male genital organs

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	1	0	1	3.4	0.0	1.6	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.1	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.1	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.1	0.0 – 0.0	0.0 – 0.1				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				N/A	N/A	N/A				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-18.3%	0.0%	-18.2%				0.0%	0.0%	0.0%

Table A2.41 – Cancer of the Kidney

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	2	2	0.0	4.2	2.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	3	0	3	5.1	0.0	2.5	0	0	0	0.0	0.0	0.0
35–39	6	2	8	10.4	3.4	6.9	1	0	1	1.7	0.0	0.9
40–44	5	7	12	9.6	13.3	11.4	0	0	0	0.0	0.0	0.0
45–49	9	6	15	16.2	10.6	13.4	0	0	0	0.0	0.0	0.0
50–54	11	11	22	20.1	19.3	19.7	1	1	2	1.8	1.8	1.8
55–59	21	15	36	37.5	25.7	31.5	7	0	7	12.5	0.0	6.1
60–64	32	13	45	60.8	23.2	41.4	7	0	7	13.3	0.0	6.4
65–69	40	19	59	84.7	37.3	60.1	3	3	6	6.4	5.9	6.1
70–74	42	21	63	98.1	45.9	71.2	12	1	13	28.0	2.2	14.7
75–79	23	11	34	78.5	33.3	54.5	7	3	10	23.9	9.1	16.0
80–84	14	9	23	72.3	37.5	53.1	7	2	9	36.1	8.3	20.8
85+	11	11	22	62.3	38.7	47.8	8	8	16	45.3	28.2	34.7
Total/Crude rate	218	127	345	25.0	14.2	19.5	53	18	71	6.1	2.0	4.0
AS Rate (Aust)				21.3	11.7	16.2				5.0	1.3	3.1
Confidence Interval (95%)				18.4 – 24.1	9.6 – 13.7	14.5 – 18.0				3.7 – 6.4	0.7 – 2.0	2.4 – 3.8
AS Rate (World)				14.8	8.4	11.5				3.1	0.7	1.8
Confidence Interval (95%)				12.9 – 16.8	6.9 – 9.9	10.3 – 12.7				2.3 – 3.8	0.4 – 1.0	1.4 – 2.2
Lifetime Risk				1 in 59	1 in 110	1 in 77				1 in 314	1 in 2,034	1 in 556
PYLL										323	48	370
% of all cancers				3.5	2.6	3.1				2.4	1.1	1.8
Trend 2016–2020 (per annum)				3.1%	4.3%	3.5%				-1.4%	-9.2%	-3.9%

Table A2.42 – Cancer of the Renal pelvis, other and unspecified urinary organs

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	1	0	1	1.8	0.0	0.9
55–59	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	1	1	2	1.9	1.8	1.8	1	1	2	1.9	1.8	1.8
65–69	1	2	3	2.1	3.9	3.1	2	0	2	4.2	0.0	2.0
70–74	6	4	10	14.0	8.7	11.3	0	0	0	0.0	0.0	0.0
75–79	4	4	8	13.6	12.1	12.8	3	0	3	10.2	0.0	4.8
80–84	5	0	5	25.8	0.0	11.5	1	2	3	5.2	8.3	6.9
85+	5	8	13	28.3	28.2	28.2	6	5	11	34.0	17.6	23.9
Total/Crude rate	23	19	42	2.6	2.1	2.4	14	8	22	1.6	0.9	1.2
AS Rate (Aust)				2.1	1.4	1.7				1.4	0.6	0.9
Confidence Interval (95%)				1.2 – 3.0	0.7 – 2.0	1.2 – 2.2				0.7 – 2.1	0.2 – 1.0	0.5 – 1.3
AS Rate (World)				1.1	0.7	0.9				0.7	0.2	0.5
Confidence Interval (95%)				0.7 – 1.5	0.4 – 1.0	0.7 – 1.2				0.4 – 1.0	0.1 – 0.4	0.3 – 0.6
Lifetime Risk				1 in 1010	1 in 1384	1 in 1173				1 in 2,514	1 in 11,224	1 in 4,193
PYLL										50	13	63
% of all cancers				0.4	0.4	0.4				0.6	0.5	0.6
Trend 2016–2020 (per annum)				8.9%	-6.2%	0.5%				3.3%	-10.1%	-3.1%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.43 – Cancer of the Bladder

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	4	2	6	7.3	3.5	5.4	1	1	2	1.8	1.8	1.8
55–59	10	3	13	17.8	5.1	11.4	3	0	3	5.4	0.0	2.6
60–64	14	3	17	26.6	5.3	15.6	6	0	6	11.4	0.0	5.5
65–69	29	10	39	61.4	19.6	39.7	10	4	14	21.2	7.9	14.3
70–74	35	10	45	81.8	21.9	50.8	10	5	15	23.4	10.9	16.9
75–79	42	7	49	143.3	21.2	78.6	19	3	22	64.8	9.1	35.3
80–84	26	14	40	134.2	58.4	92.3	13	7	20	67.1	29.2	46.1
85+	43	19	62	243.5	66.9	134.6	36	15	51	203.9	52.8	110.7
Total/Crude rate	204	69	273	23.4	7.7	15.4	98	35	133	11.2	3.9	7.5
AS Rate (Aust)				19.1	5.4	11.6				9.4	2.6	5.5
Confidence Interval (95%)				16.4 – 21.7	4.1 – 6.7	10.2 – 13.0				7.5 – 11.2	1.7 – 3.4	4.6 – 6.5
AS Rate (World)				10.8	3.0	6.6				4.7	1.3	2.8
Confidence Interval (95%)				9.4 – 12.1	2.3 – 3.7	5.9 – 7.4				3.9 – 5.5	0.9 – 1.7	2.4 – 3.3
Lifetime Risk				1 in 102	1 in 350	1 in 161				1 in 317	1 in 974	1 in 487
PYLL										250	65	315
% of all cancers				3.3	1.4	2.5				4.4	2.1	3.4
Trend 2016–2020 (per annum)				-1.7%	2.2%	-0.7%				9.3%	-2.1%	6.4%

Table A2.44 – Cancer of the Eye

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	2	0	2	3.8	0.0	1.9	0	0	0	0.0	0.0	0.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	3	0	3	5.5	0.0	2.7	0	0	0	0.0	0.0	0.0
55–59	3	2	5	5.4	3.4	4.4	0	0	0	0.0	0.0	0.0
60–64	5	4	9	9.5	7.1	8.3	1	0	1	1.9	0.0	0.9
65–69	2	1	3	4.2	2.0	3.1	0	0	0	0.0	0.0	0.0
70–74	0	3	3	0.0	6.6	3.4	2	1	3	4.7	2.2	3.4
75–79	5	2	7	17.1	6.1	11.2	0	1	1	0.0	3.0	1.6
80–84	2	1	3	10.3	4.2	6.9	1	2	3	5.2	8.3	6.9
85+	1	1	2	5.7	3.5	4.3	0	0	0	0.0	0.0	0.0
Total/Crude rate	26	16	42	3.0	1.8	2.4	4	4	8	0.5	0.4	0.5
AS Rate (Aust)				2.8	1.4	2.1				0.4	0.3	0.3
Confidence Interval (95%)				1.7 – 3.9	0.7 – 2.2	1.4 – 2.7				0.0 – 0.7	0.0 – 0.6	0.1 – 0.6
AS Rate (World)				2.1	1.0	1.5				0.2	0.2	0.2
Confidence Interval (95%)				1.2 – 2.9	0.5 – 1.6	1.0 – 2.0				0.0 – 0.4	0.0 – 0.3	0.1 – 0.3
Lifetime Risk				1 in 592	1 in 883	1 in 711				1 in 3,044	1 in 9,147	1 in 4,644
PYLL										18	3	20
% of all cancers				0.4	0.3	0.4				0.2	0.2	0.2
Trend 2016–2020 (per annum)				18.9%	2.8%	10.2%				50.9%	-10.8%	1.2%

Table A2.45 – Cancer of the Brain

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	2	1	3	3.9	2.1	3.0	0	0	0	0.0	0.0	0.0
5–9	2	2	4	3.7	3.9	3.8	3	0	3	5.5	0.0	2.8
10–14	0	1	1	0.0	1.9	0.9	1	1	2	1.9	1.9	1.9
15–19	2	0	2	3.8	0.0	2.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	1	1	2	1.7	1.7	1.7	0	1	1	0.0	1.7	0.8
30–34	4	3	7	6.8	5.0	5.9	0	0	0	0.0	0.0	0.0
35–39	3	1	4	5.2	1.7	3.4	3	0	3	5.2	0.0	2.6
40–44	3	0	3	5.8	0.0	2.9	2	1	3	3.8	1.9	2.9
45–49	6	5	11	10.8	8.8	9.8	4	2	6	7.2	3.5	5.3
50–54	7	2	9	12.8	3.5	8.1	4	1	5	7.3	1.8	4.5
55–59	5	2	7	8.9	3.4	6.1	7	5	12	12.5	8.6	10.5
60–64	9	5	14	17.1	8.9	12.9	11	7	18	20.9	12.5	16.5
65–69	11	7	18	23.3	13.7	18.3	7	9	16	14.8	17.7	16.3
70–74	13	11	24	30.4	24.1	27.1	11	11	22	25.7	24.1	24.8
75–79	12	3	15	40.9	9.1	24.1	15	3	18	51.2	9.1	28.9
80–84	6	3	9	31.0	12.5	20.8	9	4	13	46.5	16.7	30.0
85+	3	10	13	17.0	35.2	28.2	5	12	17	28.3	42.2	36.9
Total/Crude rate	89	58	147	10.2	6.5	8.3	82	57	139	9.4	6.4	7.9
AS Rate (Aust)				9.1	5.2	7.1				8.2	4.8	6.4
Confidence Interval (95%)				7.2 – 11.0	3.8 – 6.6	6.0 – 8.3				6.4 – 9.9	3.5 – 6.1	5.3 – 7.5
AS Rate (World)				7.1	4.1	5.6				5.8	3.2	4.5
Confidence Interval (95%)				5.6 – 8.7	2.9 – 5.3	4.6 – 6.6				4.5 – 7.1	2.3 – 4.1	3.7 – 5.3
Lifetime Risk				1 in 150	1 in 249	1 in 188				1 in 191	1 in 272	1 in 225
PYLL										983	490	1,473
% of all cancers				1.4	1.2	1.3				3.7	3.4	3.6
Trend 2016–2020 (per annum)				-0.2%	2.7%	0.9%				8.0%	-0.5%	4.0%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

OFFICIAL

Table A2.46 – Cancer of the Cranial nerves, spinal cord, meninges etc.

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.9	1.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.1	0.0	1.0	1	0	1	2.1	0.0	1.0
70–74	0	2	2	0.0	4.4	2.3	0	0	0	0.0	0.0	0.0
75–79	1	2	3	3.4	6.1	4.8	0	0	0	0.0	0.0	0.0
80–84	1	0	1	5.2	0.0	2.3	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	3	8	11	0.3	0.9	0.6	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.3	0.8	0.5				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.6	0.2 – 1.3	0.2 – 0.8				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				0.2	0.7	0.4				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.2 – 1.1	0.2 – 0.6				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 9446	1 in 1756	1 in 2929				1 in 9,446	N/A	1 in 19,628
PYLL										8	0	8
% of all cancers				0.0	0.2	0.1				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-13.1%	93.2%	7.4%				-14.7%	-16.1%	-15.2%

Table A2.47 – Cancer of theThyroid gland

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
15–19	0	4	4	0.0	8.0	3.9	0	0	0	0.0	0.0	0.0
20–24	0	2	2	0.0	3.6	1.7	0	0	0	0.0	0.0	0.0
25–29	2	4	6	3.4	6.8	5.1	0	0	0	0.0	0.0	0.0
30–34	1	6	7	1.7	10.0	5.9	0	0	0	0.0	0.0	0.0
35–39	4	9	13	7.0	15.4	11.2	0	0	0	0.0	0.0	0.0
40–44	4	12	16	7.7	22.7	15.2	0	0	0	0.0	0.0	0.0
45–49	2	10	12	3.6	17.7	10.7	0	0	0	0.0	0.0	0.0
50–54	8	17	25	14.6	29.9	22.4	0	0	0	0.0	0.0	0.0
55–59	3	11	14	5.4	18.9	12.2	0	0	0	0.0	0.0	0.0
60–64	8	8	16	15.2	14.3	14.7	0	1	1	0.0	1.8	0.9
65–69	5	9	14	10.6	17.7	14.3	2	1	3	4.2	2.0	3.1
70–74	3	10	13	7.0	21.9	14.7	1	1	2	2.3	2.2	2.3
75–79	4	4	8	13.6	12.1	12.8	1	1	2	3.4	3.0	3.2
80–84	3	3	6	15.5	12.5	13.8	0	0	0	0.0	0.0	0.0
85+	2	4	6	11.3	14.1	13.0	3	0	3	17.0	0.0	6.5
Total/Crude rate	50	113	163	5.7	12.6	9.2	7	4	11	0.8	0.4	0.6
AS Rate (Aust)				5.4	12.1	8.8				0.6	0.3	0.5
Confidence Interval (95%)				3.9 – 7.0	9.8 – 14.4	7.4 – 10.2				0.2 – 1.1	0.0 – 0.7	0.2 – 0.7
AS Rate (World)				4.3	10.3	7.3				0.3	0.2	0.3
Confidence Interval (95%)				3.1 – 5.4	8.4 – 12.3	6.2 – 8.4				0.1 – 0.6	0.0 – 0.4	0.1 – 0.4
Lifetime Risk				1 in 257	1 in 108	1 in 151				1 in 3,044	1 in 3,372	1 in 3,208
PYLL										18	23	40
% of all cancers				0.8	2.3	1.5				0.3	0.2	0.3
Trend 2016–2020 (per annum)				6.1%	0.7%	2.1%				22.0%	-10.4%	1.4%

Table A2.48 – Cancer of Other endocrine glands

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	1	1	0.0	2.1	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	1	0	1	5.7	0.0	2.2
Total/Crude rate	0	1	1	0.0	0.1	0.1	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.0	0.1	0.1				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.4	0.0 – 0.2				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				0.0	0.2	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.5	0.0 – 0.3				0.0 – 0.1	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				N/A	1 in 9543	1 in 19691				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-20.9%	-13.4%	-16.9%				-0.1%	-28.5%	-15.7%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.49 – Cancer of Other and unspecified sites

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	2.0	0.0	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	1	2	1.7	1.7	1.7	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	1.0	1	0	1	1.9	0.0	1.0
45–49	2	4	6	3.6	7.1	5.3	2	3	5	3.6	5.3	4.5
50–54	6	4	10	10.9	7.0	8.9	5	1	6	9.1	1.8	5.4
55–59	16	5	21	28.5	8.6	18.4	5	0	5	8.9	0.0	4.4
60–64	24	11	35	45.6	19.6	32.2	6	6	12	11.4	10.7	11.0
65–69	26	16	42	55.1	31.4	42.8	13	4	17	27.5	7.9	17.3
70–74	24	18	42	56.1	39.4	47.4	14	9	23	32.7	19.7	26.0
75–79	31	16	47	105.8	48.4	75.4	20	7	27	68.2	21.2	43.3
80–84	32	32	64	165.2	133.5	147.6	19	20	39	98.1	83.4	90.0
85+	34	41	75	192.5	144.3	162.8	35	40	75	198.2	140.8	162.8
Total/Crude rate	199	148	347	22.8	16.5	19.6	120	90	210	13.7	10.0	11.9
AS Rate (Aust)				19.3	11.8	15.3				11.6	6.8	9.0
Confidence Interval (95%)				16.6 – 22.0	9.8 – 13.7	13.7 – 16.9				9.5 – 13.7	5.4 – 8.2	7.8 – 10.2
AS Rate (World)				11.5	6.7	9.0				6.3	3.4	4.8
Confidence Interval (95%)				10.0 – 13.1	5.6 – 7.7	8.0 – 9.9				5.3 – 7.4	2.7 – 4.1	4.1 – 5.4
Lifetime Risk				1 in 97	1 in 175	1 in 126				1 in 211	1 in 442	1 in 288
PYLL										495	233	728
% of all cancers				3.2	3.1	3.2				5.4	5.4	5.4
Trend 2016–2020 (per annum)				5.5%	4.9%	5.2%				2.7%	1.3%	1.8%

Table A2.50 – Non-Hodgkin lymphoma

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	1	1	0.0	2.1	1.0	0	0	0	0.0	0.0	0.0
5–9	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
10–14	1	1	2	1.9	1.9	1.9	0	0	0	0.0	0.0	0.0
15–19	2	0	2	3.8	0.0	2.0	1	0	1	1.9	0.0	1.0
20–24	1	2	3	1.7	3.6	2.6	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	2	3	5	3.4	5.0	4.2	0	0	0	0.0	0.0	0.0
35–39	2	4	6	3.5	6.8	5.2	0	0	0	0.0	0.0	0.0
40–44	3	4	7	5.8	7.6	6.7	0	1	1	0.0	1.9	1.0
45–49	8	5	13	14.4	8.8	11.6	0	0	0	0.0	0.0	0.0
50–54	16	11	27	29.2	19.3	24.2	1	1	2	1.8	1.8	1.8
55–59	25	15	40	44.6	25.7	35.0	3	1	4	5.4	1.7	3.5
60–64	40	21	61	75.9	37.4	56.1	5	1	6	9.5	1.8	5.5
65–69	35	25	60	74.1	49.1	61.1	2	7	9	4.2	13.7	9.2
70–74	45	34	79	105.1	74.3	89.2	13	8	21	30.4	17.5	23.7
75–79	35	28	63	119.4	84.7	101.0	13	12	25	44.4	36.3	40.1
80–84	28	18	46	144.5	75.1	106.1	18	9	27	92.9	37.5	62.3
85+	27	13	40	152.9	45.8	86.8	27	13	40	152.9	45.8	86.8
Total/Crude rate	272	185	457	31.1	20.6	25.8	83	53	136	9.5	5.9	7.7
AS Rate (Aust)				26.6	16.3	21.1				8.0	4.1	5.7
Confidence Interval (95%)				23.4 – 29.8	13.9 – 18.7	19.1 – 23.0				6.2 – 9.7	3.0 – 5.2	4.8 – 6.7
AS Rate (World)				17.7	11.5	14.4				4.1	2.3	3.1
Confidence Interval (95%)				15.6 – 19.7	9.8 – 13.2	13.1 – 15.7				3.3 – 4.9	1.7 – 2.9	2.6 – 3.6
Lifetime Risk				1 in 55	1 in 83	1 in 67				1 in 377	1 in 521	1 in 439
PYLL										243	158	400
% of all cancers				4.4	3.8	4.2				3.8	3.2	3.5
Trend 2016–2020 (per annum)				0.5%	-1.7%	-0.5%				2.8%	-1.1%	0.9%

Table A2.51 – Hodgkin lymphoma

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	3	4	1.9	6.0	3.9	0	0	0	0.0	0.0	0.0
20–24	3	2	5	5.1	3.6	4.4	0	0	0	0.0	0.0	0.0
25–29	4	2	6	6.8	3.4	5.1	0	0	0	0.0	0.0	0.0
30–34	3	2	5	5.1	3.3	4.2	0	1	1	0.0	1.7	0.8
35–39	2	1	3	3.5	1.7	2.6	0	0	0	0.0	0.0	0.0
40–44	3	1	4	5.8	1.9	3.8	0	1	1	0.0	1.9	1.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	2	2	4	3.6	3.5	3.6	0	0	0	0.0	0.0	0.0
55–59	3	2	5	5.4	3.4	4.4	0	0	0	0.0	0.0	0.0
60–64	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
70–74	2	2	4	4.7	4.4	4.5	1	1	2	2.3	2.2	2.3
75–79	2	2	4	6.8	6.1	6.4	0	0	0	0.0	0.0	0.0
80–84	0	1	1	0.0	4.2	2.3	1	1	2	5.2	4.2	4.6
85+	0	1	1	0.0	3.5	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	27	23	50	3.1	2.6	2.8	2	4	6	0.2	0.4	0.3
AS Rate (Aust)				3.1	2.5	2.8				0.2	0.4	0.3
Confidence Interval (95%)				1.9 – 4.3	1.4 – 3.5	2.0 – 3.6				0.0 – 0.4	0.0 – 0.8	0.1 – 0.5
AS Rate (World)				3.0	2.3	2.6				0.1	0.3	0.2
Confidence Interval (95%)				1.9 – 4.0	1.3 – 3.4	1.9 – 3.4				0.0 – 0.2	0.0 – 0.6	0.1 – 0.4
Lifetime Risk				1 in 440	1 in 571	1 in 498				1 in 8,562	1 in 3,482	1 in 4,934
PYLL										3	78	80
% of all cancers				0.4	0.5	0.5				0.1	0.2	0.2
Trend 2016–2020 (per annum)				4.5%	3.5%	4.3%				-9.8%	38.4%	1.8%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.52 – Other lymphomas

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	1	1	2	2.1	2.0	2.0
70–74	2	0	2	4.7	0.0	2.3	2	0	2	4.7	0.0	2.3
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	3	1	4	15.5	4.2	9.2	3	2	5	15.5	8.3	11.5
85+	1	2	3	5.7	7.0	6.5	2	2	4	11.3	7.0	8.7
Total/Crude rate	7	3	10	0.8	0.3	0.6	8	5	13	0.9	0.6	0.7
AS Rate (Aust)				0.7	0.2	0.4				0.8	0.4	0.5
Confidence Interval (95%)				0.2 – 1.2	0.0 – 0.4	0.2 – 0.7				0.2 – 1.3	0.0 – 0.7	0.2 – 0.8
AS Rate (World)				0.4	0.1	0.2				0.4	0.2	0.3
Confidence Interval (95%)				0.1 – 0.7	0.0 – 0.1	0.1 – 0.4				0.2 – 0.6	0.0 – 0.3	0.1 – 0.4
Lifetime Risk				1 in 3093	N/A	1 in 6349				1 in 2,946	1 in 10,183	1 in 4,655
PYLL										13	8	20
% of all cancers				0.1	0.1	0.1				0.4	0.3	0.3
Trend 2016–2020 (per annum)				9.4%	-9.7%	-0.8%				32.4%	9.3%	20.6%

Table A2.53 – Mast cell tumours

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.1	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.1	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 11728	N/A	1 in 23735				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				33.2%	80.1%	56.8%				-25.0%	0.0%	-25.0%

Table A2.54 – Malignancy of histiocytes and accessory lymphoid cells

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.1	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.2	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.0	0.0 – 0.3				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 10890	N/A	1 in 21216				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-19.7%	4.5%	-14.8%				-28.6%	-33.3%	-29.9%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.55 – Multiple myeloma/Plasma cell tumours

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.9	1.0	0	0	0	0.0	0.0	0.0
45–49	4	1	5	7.2	1.8	4.5	1	0	1	1.8	0.0	0.9
50–54	4	3	7	7.3	5.3	6.3	1	1	2	1.8	1.8	1.8
55–59	5	4	9	8.9	6.9	7.9	3	0	3	5.4	0.0	2.6
60–64	8	5	13	15.2	8.9	11.9	3	1	4	5.7	1.8	3.7
65–69	18	8	26	38.1	15.7	26.5	8	1	9	16.9	2.0	9.2
70–74	14	9	23	32.7	19.7	26.0	8	9	17	18.7	19.7	19.2
75–79	20	7	27	68.2	21.2	43.3	10	4	14	34.1	12.1	22.5
80–84	14	9	23	72.3	37.5	53.1	10	7	17	51.6	29.2	39.2
85+	16	12	28	90.6	42.2	60.8	13	11	24	73.6	38.7	52.1
Total/Crude rate	104	59	163	11.9	6.6	9.2	57	34	91	6.5	3.8	5.1
AS Rate (Aust)				9.9	4.9	7.2				5.4	2.5	3.8
Confidence Interval (95%)				8.0 – 11.9	3.6 – 6.1	6.1 – 8.3				4.0 – 6.8	1.7 – 3.4	3.0 – 4.6
AS Rate (World)				6.0	3.0	4.4				3.0	1.3	2.1
Confidence Interval (95%)				4.9 – 7.1	2.2 – 3.7	3.7 – 5.1				2.3 – 3.7	0.9 – 1.7	1.7 – 2.5
Lifetime Risk				1 in 181	1 in 333	1 in 236				1 in 398	1 in 795	1 in 536
PYLL										220	65	285
% of all cancers				1.7	1.2	1.5				2.6	2.0	2.3
Trend 2016–2020 (per annum)				1.3%	-3.6%	-0.6%				-1.3%	2.9%	0.3%

Table A2.56 – Immunoproliferative neoplasms

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	1	0	1	2.1	0.0	1.0
70–74	0	0	0	0.0	0.0	0.0	1	0	1	2.3	0.0	1.1
75–79	0	0	0	0.0	0.0	0.0	1	0	1	3.4	0.0	1.6
80–84	1	0	1	5.2	0.0	2.3	0	1	1	0.0	4.2	2.3
85+	3	2	5	17.0	7.0	10.9	2	0	2	11.3	0.0	4.3
Total/Crude rate	5	3	8	0.6	0.3	0.5	5	1	6	0.6	0.1	0.3
AS Rate (Aust)				0.5	0.2	0.3				0.5	0.1	0.2
Confidence Interval (95%)				0.1 – 1.0	0.0 – 0.5	0.1 – 0.6				0.1 – 0.9	0.0 – 0.2	0.0 – 0.4
AS Rate (World)				0.2	0.1	0.2				0.2	0.0	0.1
Confidence Interval (95%)				0.0 – 0.4	0.0 – 0.3	0.0 – 0.3				0.0 – 0.4	0.0 – 0.1	0.0 – 0.2
Lifetime Risk				1 in 10535	1 in 11659	1 in 11150				1 in 4,492	N/A	1 in 9,310
PYLL										10	0	10
% of all cancers				0.1	0.1	0.1				0.2	0.1	0.2
Trend 2016–2020 (per annum)				-1.7%	0.8%	-1.5%				215.4%	-4.9%	96.5%

Table A2.57 – All leukaemias

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	11	5	16	21.7	10.5	16.3	0	0	0	0.0	0.0	0.0
5–9	4	3	7	7.3	5.8	6.6	0	0	0	0.0	0.0	0.0
10–14	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
15–19	2	3	5	3.8	6.0	4.9	1	1	2	1.9	2.0	2.0
20–24	1	0	1	1.7	0.0	0.9	1	1	2	1.7	1.8	1.7
25–29	4	4	8	6.8	6.8	6.8	0	1	1	0.0	1.7	0.8
30–34	2	2	4	3.4	3.3	3.4	0	1	1	0.0	1.7	0.8
35–39	3	4	7	5.2	6.8	6.0	0	0	0	0.0	0.0	0.0
40–44	3	3	6	5.8	5.7	5.7	0	1	1	0.0	1.9	1.0
45–49	2	2	4	3.6	3.5	3.6	0	0	0	0.0	0.0	0.0
50–54	6	5	11	10.9	8.8	9.8	3	0	3	5.5	0.0	2.7
55–59	12	5	17	21.4	8.6	14.9	1	1	2	1.8	1.7	1.7
60–64	13	11	24	24.7	19.6	22.1	3	1	4	5.7	1.8	3.7
65–69	8	10	18	16.9	19.6	18.3	6	4	10	12.7	7.9	10.2
70–74	19	15	34	44.4	32.8	38.4	6	8	14	14.0	17.5	15.8
75–79	20	15	35	68.2	45.4	56.1	11	7	18	37.5	21.2	28.9
80–84	20	12	32	103.2	50.0	73.8	16	11	27	82.6	45.9	62.3
85+	22	9	31	124.6	31.7	67.3	21	15	36	118.9	52.8	78.1
Total/Crude rate	153	108	261	17.5	12.1	14.8	69	52	121	7.9	5.8	6.8
AS Rate (Aust)				15.7	10.1	12.6				6.8	4.1	5.2
Confidence Interval (95%)				13.1 – 18.2	8.1 – 12.0	11.0 – 14.2				5.2 – 8.4	3.0 – 5.3	4.3 – 6.2
AS Rate (World)				11.6	8.0	9.7				3.6	2.5	3.0
Confidence Interval (95%)				9.6 – 13.6	6.3 – 9.8	8.4 – 11.1				2.8 – 4.4	1.8 – 3.3	2.4 – 3.5
Lifetime Risk				1 in 112	1 in 145	1 in 127				1 in 463	1 in 528	1 in 495
PYLL										293	313	605
% of all cancers				2.5	2.2	2.4				3.1	3.1	3.1
Trend 2016–2020 (per annum)				-7.6%	-6.8%	-7.3%				-5.0%	-7.6%	-6.2%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.58 – Polycythaemia vera

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
55–59	1	1	2	1.8	1.7	1.7	0	0	0	0.0	0.0	0.0
60–64	2	0	2	3.8	0.0	1.8	0	0	0	0.0	0.0	0.0
65–69	2	0	2	4.2	0.0	2.0	0	0	0	0.0	0.0	0.0
70–74	2	1	3	4.7	2.2	3.4	1	0	1	2.3	0.0	1.1
75–79	0	1	1	0.0	3.0	1.6	1	0	1	3.4	0.0	1.6
80–84	3	1	4	15.5	4.2	9.2	1	0	1	5.2	0.0	2.3
85+	2	0	2	11.3	0.0	4.3	2	1	3	11.3	3.5	6.5
Total/Crude rate	13	5	18	1.5	0.6	1.0	5	1	6	0.6	0.1	0.3
AS Rate (Aust)				1.3	0.4	0.8				0.5	0.1	0.2
Confidence Interval (95%)				0.6 – 2.0	0.0 – 0.8	0.4 – 1.2				0.1 – 0.9	0.0 – 0.2	0.0 – 0.4
AS Rate (World)				0.8	0.3	0.5				0.2	0.0	0.1
Confidence Interval (95%)				0.4 – 1.2	0.1 – 0.6	0.3 – 0.7				0.1 – 0.4	0.0 – 0.1	0.0 – 0.2
Lifetime Risk				1 in 1227	1 in 3535	1 in 1852				1 in 8,562	N/A	1 in 17,709
PYLL										3	0	3
% of all cancers				0.2	0.1	0.2				0.2	0.1	0.2
Trend 2016–2020 (per annum)				-0.9%	-11.3%	-5.9%				34.1%	-14.9%	7.8%

Table A2.59 – Myelodysplastic syndromes

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	1	0	1	1.9	0.0	1.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
55–59	2	1	3	3.6	1.7	2.6	1	0	1	1.8	0.0	0.9
60–64	2	3	5	3.8	5.3	4.6	0	0	0	0.0	0.0	0.0
65–69	9	2	11	19.1	3.9	11.2	2	1	3	4.2	2.0	3.1
70–74	10	5	15	23.4	10.9	16.9	8	2	10	18.7	4.4	11.3
75–79	14	3	17	47.8	9.1	27.3	7	4	11	23.9	12.1	17.6
80–84	11	5	16	56.8	20.9	36.9	7	3	10	36.1	12.5	23.1
85+	13	12	25	73.6	42.2	54.3	14	5	19	79.3	17.6	41.2
Total/Crude rate	63	32	95	7.2	3.6	5.4	40	15	55	4.6	1.7	3.1
AS Rate (Aust)				5.9	2.4	4.0				3.8	1.1	2.3
Confidence Interval (95%)				4.4 – 7.4	1.6 – 3.3	3.2 – 4.8				2.6 – 5.0	0.5 – 1.7	1.7 – 2.9
AS Rate (World)				3.3	1.3	2.2				1.9	0.6	1.2
Confidence Interval (95%)				2.6 – 4.0	0.9 – 1.8	1.8 – 2.7				1.4 – 2.4	0.3 – 0.8	0.9 – 1.4
Lifetime Risk				1 in 376	1 in 847	1 in 527				1 in 752	1 in 3,156	1 in 1,237
PYLL										85	13	98
% of all cancers				1.0	0.7	0.9				1.8	0.9	1.4
Trend 2016–2020 (per annum)				-4.5%	-6.3%	-4.9%				3.9%	-6.3%	-0.8%

Table A2.60 – Other chronic myeloproliferative and haematological disorders

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	1	0	1	1.8	0.0	0.9	0	1	1	0.0	1.8	0.9
55–59	5	4	9	8.9	6.9	7.9	2	0	2	3.6	0.0	1.7
60–64	4	0	4	7.6	0.0	3.7	1	0	1	1.9	0.0	0.9
65–69	4	3	7	8.5	5.9	7.1	0	0	0	0.0	0.0	0.0
70–74	3	2	5	7.0	4.4	5.6	3	1	4	7.0	2.2	4.5
75–79	5	2	7	17.1	6.1	11.2	3	1	4	10.2	3.0	6.4
80–84	7	6	13	36.1	25.0	30.0	1	1	2	5.2	4.2	4.6
85+	5	3	8	28.3	10.6	17.4	3	5	8	17.0	17.6	17.4
Total/Crude rate	37	20	57	4.2	2.2	3.2	13	9	22	1.5	1.0	1.2
AS Rate (Aust)				3.7	1.6	2.6				1.2	0.7	0.9
Confidence Interval (95%)				2.5 – 4.9	0.9 – 2.4	1.9 – 3.3				0.5 – 1.9	0.2 – 1.1	0.5 – 1.3
AS Rate (World)				2.3	1.0	1.6				0.7	0.3	0.5
Confidence Interval (95%)				1.6 – 3.1	0.6 – 1.4	1.2 – 2.0				0.4 – 1.0	0.1 – 0.6	0.3 – 0.7
Lifetime Risk				1 in 511	1 in 1168	1 in 717				1 in 1,604	1 in 5,073	1 in 2,476
PYLL										55	25	80
% of all cancers				0.6	0.4	0.5				0.6	0.5	0.6
Trend 2016–2020 (per annum)				0.3%	-13.0%	-5.9%				9.3%	18.5%	14.4%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.61 – All cancers

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	17	12	29	33.5	25.2	29.5	0	0	0	0.0	0.0	0.0
5–9	8	5	13	14.7	9.7	12.3	3	0	3	5.5	0.0	2.8
10–14	6	3	9	11.1	5.8	8.5	1	2	3	1.9	3.9	2.8
15–19	15	14	29	28.7	28.1	28.4	3	1	4	5.7	2.0	3.9
20–24	20	17	37	33.9	30.7	32.4	1	1	2	1.7	1.8	1.7
25–29	30	30	60	50.6	51.3	51.0	2	2	4	3.4	3.4	3.4
30–34	57	66	123	97.2	109.9	103.6	2	5	7	3.4	8.3	5.9
35–39	62	119	181	107.9	203.2	156.0	11	6	17	19.1	10.2	14.7
40–44	90	162	252	172.6	306.7	240.1	12	17	29	23.0	32.2	27.6
45–49	128	239	367	229.9	422.9	327.1	32	34	66	57.5	60.2	58.8
50–54	308	355	663	561.6	623.4	593.0	64	50	114	116.7	87.8	102.0
55–59	514	421	935	917.0	722.2	817.7	101	89	190	180.2	152.7	166.2
60–64	760	515	1,275	1,442.9	917.7	1,172.0	176	131	307	334.1	233.4	282.2
65–69	990	618	1,608	2,096.2	1,213.9	1,638.5	211	169	380	446.8	332.0	387.2
70–74	1,125	721	1,846	2,628.0	1,576.5	2,084.9	315	234	549	735.8	511.7	620.0
75–79	865	519	1,384	2,951.7	1,570.2	2,219.4	363	217	580	1,238.7	656.5	930.1
80–84	624	452	1,076	3,221.1	1,885.1	2,482.2	355	261	616	1,832.5	1,088.5	1,421.0
85+	556	552	1,108	3,148.5	1,943.0	2,405.1	560	455	1,015	3,171.2	1,601.5	2,203.2
Total/Crude rate	6,175	4,820	10,995	707.0	538.0	621.4	2,212	1,674	3,886	253.3	186.8	219.6
AS Rate (Aust)				595.6	433.7	508.0				213.0	134.1	168.7
Confidence Interval (95%)				580.6 – 610.7	421.1 – 446.2	498.3 – 517.7				204.0 – 221.9	27.5 – 140.7	63.3 – 174.0
AS Rate (World)				393.5	305.2	346.2				118.8	78.9	96.9
Confidence Interval (95%)				383.9 – 403.1	296.4 – 314.1	339.6 – 352.7				114.1 – 123.4	75.1 – 82.7	93.9 – 99.9
Lifetime Risk				1 in 3	1 in 4	1 in 3				1 in 11	1 in 14	1 in 12
PYLL										10,130	8,428	18,558
% of all cancers				100.0	100.0	100.0				100.0	100.0	100.0
Trend 2016–2020 (per annum)				1.7%	-0.6%	0.7%				0.1%	-0.7%	-0.2%

Table A2.62 – Mesothelioma

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	1	0	1	1.9	0.0	1.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
55–59	2	0	2	3.6	0.0	1.7	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.8	0.9	1	0	1	1.9	0.0	0.9
65–69	2	2	4	4.2	3.9	4.1	2	2	4	4.2	3.9	4.1
70–74	10	1	11	23.4	2.2	12.4	5	2	7	11.7	4.4	7.9
75–79	15	4	19	51.2	12.1	30.5	11	1	12	37.5	3.0	19.2
80–84	11	2	13	56.8	8.3	30.0	9	2	11	46.5	8.3	25.4
85+	6	2	8	34.0	7.0	17.4	9	3	12	51.0	10.6	26.0
Total/Crude rate	46	13	59	5.3	1.5	3.3	38	10	48	4.4	1.1	2.7
AS Rate (Aust)				4.2	1.0	2.5				3.6	0.7	2.0
Confidence Interval (95%)				3.0 – 5.4	0.5 – 1.6	1.8 – 3.1				2.4 – 4.7	0.3 – 1.2	1.4 – 2.6
AS Rate (World)				2.3	0.6	1.4				1.9	0.4	1.1
Confidence Interval (95%)				1.8 – 2.8	0.3 – 0.9	1.1 – 1.7				1.4 – 2.4	0.2 – 0.6	0.8 – 1.3
Lifetime Risk				1 in 642	1 in 2072	1 in 997				1 in 1,014	1 in 2,410	1 in 1,444
PYLL										73	20	93
% of all cancers				0.7	0.3	0.5				1.7	0.6	1.2
Trend 2016–2020 (per annum)				-3.5%	0.0%	-2.4%				-3.8%	4.8%	-1.7%

Table A2.63 – Kaposi sarcoma

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	1	1	2	2.3	2.2	2.3	0	0	0	0.0	0.0	0.0
75–79	0	1	1	0.0	3.0	1.6	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	1	0	1	5.7	0.0	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	3	2	5	0.3	0.2	0.3	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.3	0.1	0.2				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.7	0.0 – 0.3	0.0 – 0.4				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.2	0.1	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.2	0.0 – 0.3				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 4702	1 in 9147	1 in 6228				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				18.0%	-0.4%	10.6%				0.0%	0.0%	50.4%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.64 – Acute lymphocytic leukaemia

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	5	4	9	9.9	8.4	9.1	0	0	0	0.0	0.0	0.0
5–9	2	2	4	3.7	3.9	3.8	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	1	1	2	1.9	2.0	2.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	1	0	1	2.3	0.0	1.1	1	2	3	2.3	4.4	3.4
75–79	1	2	3	3.4	6.1	4.8	1	0	1	3.4	0.0	1.6
80–84	1	1	2	5.2	4.2	4.6	2	2	4	10.3	8.3	9.2
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	11	13	24	1.3	1.5	1.4	5	5	10	0.6	0.6	0.6
AS Rate (Aust)				1.3	1.5	1.4				0.5	0.4	0.5
Confidence Interval (95%)				0.5 – 2.0	0.7 – 2.3	0.8 – 1.9				0.1 – 0.9	0.0 – 0.8	0.2 – 0.8
AS Rate (World)				1.4	1.7	1.6				0.4	0.3	0.3
Confidence Interval (95%)				0.5 – 2.4	0.7 – 2.8	0.9 – 2.3				0.0 – 0.7	0.0 – 0.7	0.1 – 0.6
Lifetime Risk				1 in 1131	1 in 1034	1 in 1083				1 in 4,704	1 in 3,134	1 in 3,739
PYLL										60	63	123
% of all cancers				0.2	0.3	0.2				0.2	0.3	0.3
Trend 2016–2020 (per annum)				5.8%	2.1%	4.5%				19.3%	21.6%	21.6%

Table A2.65 – Chronic lymphocytic leukaemia

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
45–49	1	2	3	1.8	3.5	2.7	0	0	0	0.0	0.0	0.0
50–54	1	0	1	1.8	0.0	0.9	1	0	1	1.8	0.0	0.9
55–59	1	2	3	1.8	3.4	2.6	0	1	1	0.0	1.7	0.9
60–64	2	1	3	3.8	1.8	2.8	1	0	1	1.9	0.0	0.9
65–69	4	2	6	8.5	3.9	6.1	0	0	0	0.0	0.0	0.0
70–74	4	6	10	9.3	13.1	11.3	2	0	2	4.7	0.0	2.3
75–79	5	2	7	17.1	6.1	11.2	2	0	2	6.8	0.0	3.2
80–84	5	3	8	25.8	12.5	18.5	3	1	4	15.5	4.2	9.2
85+	4	1	5	22.7	3.5	10.9	7	0	7	39.6	0.0	15.2
Total/Crude rate	28	19	47	3.2	2.1	2.7	16	2	18	1.8	0.2	1.0
AS Rate (Aust)				2.7	1.6	2.1				1.6	0.2	0.8
Confidence Interval (95%)				1.7 – 3.7	0.9 – 2.3	1.5 – 2.7				0.8 – 2.3	0.0 – 0.4	0.4 – 1.1
AS Rate (World)				1.6	1.1	1.3				0.8	0.1	0.4
Confidence Interval (95%)				1.1 – 2.2	0.6 – 1.5	1.0 – 1.7				0.4 – 1.1	0.0 – 0.3	0.2 – 0.6
Lifetime Risk				1 in 692	1 in 776	1 in 733				1 in 2,383	1 in 11,659	1 in 4,043
PYLL										40	18	58
% of all cancers				0.5	0.4	0.4				0.7	0.1	0.5
Trend 2016–2020 (per annum)				-19.6%	-20.2%	-20.0%				-9.2%	-14.5%	-11.9%

Table A2.66 – Other and unspecified lymphoid leukaemia

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	5	4	9	9.9	8.4	9.1	0	0	0	0.0	0.0	0.0
5–9	2	2	4	3.7	3.9	3.8	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	1	1	2	1.9	2.0	2.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	1	0	1	1.8	0.0	0.9
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	2	0	2	4.7	0.0	2.3	1	2	3	2.3	4.4	3.4
75–79	1	2	3	3.4	6.1	4.8	1	0	1	3.4	0.0	1.6
80–84	1	1	2	5.2	4.2	4.6	2	2	4	10.3	8.3	9.2
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	12	13	25	1.4	1.5	1.4	6	5	11	0.7	0.6	0.6
AS Rate (Aust)				1.3	1.5	1.4				0.6	0.4	0.5
Confidence Interval (95%)				0.6 – 2.1	0.7 – 2.3	0.8 – 2.0				0.1 – 1.1	0.0 – 0.8	0.2 – 0.8
AS Rate (World)				1.5	1.7	1.6				0.4	0.3	0.4
Confidence Interval (95%)				0.5 – 2.4	0.7 – 2.8	0.9 – 2.3				0.1 – 0.8	0.0 – 0.7	0.1 – 0.7
Lifetime Risk				1 in 999	1 in 1034	1 in 1020				1 in 3,314	1 in 3,134	1 in 3,213
PYLL										78	63	140
% of all cancers				0.2	0.3	0.2				0.3	0.3	0.3
Trend 2016–2020 (per annum)				-5.8%	-5.2%	-5.1%				11.1%	3.9%	7.5%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.67 – Acute myeloid leukaemia

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	4	0	4	7.9	0.0	4.1	0	0	0	0.0	0.0	0.0
5–9	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	2	3	1.9	4.0	2.9	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	1	1	2	1.7	1.8	1.7
25–29	0	3	3	0.0	5.1	2.5	0	1	1	0.0	1.7	0.8
30–34	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.7	0.8
35–39	1	2	3	1.7	3.4	2.6	0	0	0	0.0	0.0	0.0
40–44	1	2	3	1.9	3.8	2.9	0	1	1	0.0	1.9	1.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	3	2	5	5.5	3.5	4.5	2	0	2	3.6	0.0	1.8
55–59	4	1	5	7.1	1.7	4.4	0	0	0	0.0	0.0	0.0
60–64	5	7	12	9.5	12.5	11.0	1	1	2	1.9	1.8	1.8
65–69	4	2	6	8.5	3.9	6.1	5	4	9	10.6	7.9	9.2
70–74	10	5	15	23.4	10.9	16.9	1	4	5	2.3	8.7	5.6
75–79	9	8	17	30.7	24.2	27.3	7	6	13	23.9	18.2	20.8
80–84	7	7	14	36.1	29.2	32.3	6	5	11	31.0	20.9	25.4
85+	8	6	14	45.3	21.1	30.4	9	9	18	51.0	31.7	39.1
Total/Crude rate	59	47	106	6.8	5.2	6.0	32	33	65	3.7	3.7	3.7
AS Rate (Aust)				5.9	4.3	5.0				3.1	2.7	2.8
Confidence Interval (95%)				4.4 – 7.4	3.0 – 5.5	4.0 – 6.0				2.0 – 4.2	1.7 – 3.6	2.1 – 3.5
AS Rate (World)				4.2	3.1	3.6				1.7	1.7	1.7
Confidence Interval (95%)				3.0 – 5.4	2.1 – 4.1	2.9 – 4.4				1.2 – 2.3	1.1 – 2.3	1.3 – 2.1
Lifetime Risk				1 in 283	1 in 409	1 in 335				1 in 992	1 in 786	1 in 876
PYLL										150	228	378
% of all cancers				1.0	1.0	1.0				1.4	2.0	1.7
Trend 2016–2020 (per annum)				2.5%	6.6%	4.4%				-2.6%	-4.1%	-3.2%

Table A2.68 – Chronic myeloid leukaemia

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	2	0	2	3.4	0.0	1.7	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	2	2	4	3.5	3.4	3.4	0	0	0	0.0	0.0	0.0
40–44	1	1	2	1.9	1.9	1.9	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	2	2	0.0	3.5	1.8	0	0	0	0.0	0.0	0.0
55–59	2	1	3	3.6	1.7	2.6	0	0	0	0.0	0.0	0.0
60–64	3	1	4	5.7	1.8	3.7	0	0	0	0.0	0.0	0.0
65–69	0	2	2	0.0	3.9	2.0	1	0	1	2.1	0.0	1.0
70–74	1	2	3	2.3	4.4	3.4	0	0	0	0.0	0.0	0.0
75–79	0	1	1	0.0	3.0	1.6	0	1	1	0.0	3.0	1.6
80–84	5	0	5	25.8	0.0	11.5	3	0	3	15.5	0.0	6.9
85+	1	0	1	5.7	0.0	2.2	1	4	5	5.7	14.1	10.9
Total/Crude rate	18	12	30	2.1	1.3	1.7	5	5	10	0.6	0.6	0.6
AS Rate (Aust)				2.0	1.2	1.5				0.5	0.3	0.4
Confidence Interval (95%)				1.1 – 2.9	0.5 – 1.9	1.0 – 2.1				0.1 – 0.9	0.0 – 0.6	0.2 – 0.7
AS Rate (World)				1.5	1.0	1.2				0.2	0.1	0.2
Confidence Interval (95%)				0.8 – 2.1	0.4 – 1.5	0.8 – 1.6				0.1 – 0.4	0.0 – 0.2	0.1 – 0.3
Lifetime Risk				1 in 906	1 in 970	1 in 935				1 in 9,446	N/A	1 in 19,628
PYLL										8	0	8
% of all cancers				0.3	0.2	0.3				0.2	0.3	0.3
Trend 2016–2020 (per annum)				9.7%	1.7%	6.6%				-5.8%	43.8%	1.8%

Table A2.69 – Other and unspecified myeloid leukaemia

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	1	0	1	5.2	0.0	2.3
85+	2	1	3	11.3	3.5	6.5	1	0	1	5.7	0.0	2.2
Total/Crude rate	2	1	3	0.2	0.1	0.2	2	0	2	0.2	0.0	0.1
AS Rate (Aust)				0.2	0.1	0.1				0.2	0.0	0.1
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.2	0.0 – 0.3				0.0 – 0.5	0.0 – 0.0	0.0 – 0.2
AS Rate (World)				0.1	0.0	0.0				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.1	0.0 – 0.1	0.0 – 0.1				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				N/A	N/A	N/A				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.1	0.0	0.1
Trend 2016–2020 (per annum)				-4.2%	-17.8%	-8.7%				-8.6%	-30.0%	-15.6%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.70 – Other specified leukaemias

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
55–59	5	0	5	8.9	0.0	4.4	0	0	0	0.0	0.0	0.0
60–64	3	2	5	5.7	3.6	4.6	1	0	1	1.9	0.0	0.9
65–69	0	3	3	0.0	5.9	3.1	0	0	0	0.0	0.0	0.0
70–74	2	2	4	4.7	4.4	4.5	2	2	4	4.7	4.4	4.5
75–79	5	2	7	17.1	6.1	11.2	1	0	1	3.4	0.0	1.6
80–84	2	1	3	10.3	4.2	6.9	1	3	4	5.2	12.5	9.2
85+	6	0	6	34.0	0.0	13.0	2	1	3	11.3	3.5	6.5
Total/Crude rate	26	11	37	3.0	1.2	2.1	7	6	13	0.8	0.7	0.7
AS Rate (Aust)				2.6	0.9	1.7				0.6	0.5	0.5
Confidence Interval (95%)				1.6 – 3.6	0.4 – 1.5	1.1 – 2.2				0.2 – 1.1	0.1 – 0.8	0.2 – 0.8
AS Rate (World)				1.6	0.6	1.1				0.3	0.2	0.3
Confidence Interval (95%)				1.0 – 2.2	0.3 – 1.0	0.7 – 1.4				0.1 – 0.6	0.1 – 0.4	0.1 – 0.4
Lifetime Risk				1 in 814	1 in 1284	1 in 997				1 in 3,044	1 in 4,574	1 in 3,679
PYLL										18	5	23
% of all cancers				0.4	0.2	0.3				0.3	0.4	0.3
Trend 2016–2020 (per annum)				2.0%	3.2%	1.9%				-1.0%	-12.2%	-5.7%

Table A2.71 – Leukaemias NOS

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	2.0	0.0	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	1	1	2	5.7	3.5	4.3	1	1	2	5.7	3.5	4.3
Total/Crude rate	2	1	3	0.2	0.1	0.2	1	1	2	0.1	0.1	0.1
AS Rate (Aust)				0.2	0.1	0.1				0.1	0.1	0.1
Confidence Interval (95%)				0.0 – 0.6	0.0 – 0.2	0.0 – 0.3				0.0 – 0.3	0.0 – 0.2	0.0 – 0.2
AS Rate (World)				0.2	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.6	0.0 – 0.1	0.0 – 0.3				0.0 – 0.1	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 10149	N/A	1 in 19691				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.1	0.1
Trend 2016–2020 (per annum)				-16.0%	-19.1%	-16.6%				-24.0%	-23.1%	-23.4%

Table A2.72 – Cancer of the Lip, and skin of lip (non-melanoma)

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	2	0	2	3.4	0.0	1.7	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
45–49	5	1	6	9.0	1.8	5.3	0	0	0	0.0	0.0	0.0
50–54	5	3	8	9.1	5.3	7.2	0	0	0	0.0	0.0	0.0
55–59	9	2	11	16.1	3.4	9.6	0	0	0	0.0	0.0	0.0
60–64	14	3	17	26.6	5.3	15.6	0	0	0	0.0	0.0	0.0
65–69	11	3	14	23.3	5.9	14.3	0	0	0	0.0	0.0	0.0
70–74	5	4	9	11.7	8.7	10.2	0	0	0	0.0	0.0	0.0
75–79	6	4	10	20.5	12.1	16.0	0	0	0	0.0	0.0	0.0
80–84	6	6	12	31.0	25.0	27.7	0	0	0	0.0	0.0	0.0
85+	4	5	9	22.7	17.6	19.5	0	0	0	0.0	0.0	0.0
Total/Crude rate	68	31	99	7.8	3.5	5.6	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				6.9	2.6	4.7				0.0	0.0	0.0
Confidence Interval (95%)				5.3 – 8.6	1.7 – 3.6	3.8 – 5.7				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				4.8	1.6	3.2				0.0	0.0	0.0
Confidence Interval (95%)				3.7 – 5.9	1.1 – 2.2	2.6 – 3.8				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 198	1 in 657	1 in 309				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				1.1	0.6	0.9				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-4.4%	-5.2%	-4.5%				-12.0%	-20.3%	-16.0%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.73 – Melanoma of lip												
South Australia												
Year – 2020												
	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	1	0	1	5.7	0.0	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.1	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.0	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.1	0.0 – 0.0	0.0 – 0.0				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				N/A	N/A	N/A				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				78.1%	-33.3%	-18.2%				0.0%	0.0%	0.0%

Table A2.74 – Melanoma of eyelid, including canthus												
South Australia												
Year – 2020												
	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
70–74	2	0	2	4.7	0.0	2.3	0	0	0	0.0	0.0	0.0
75–79	0	1	1	0.0	3.0	1.6	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	1	1	0.0	3.5	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	3	5	8	0.3	0.6	0.5	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.3	0.5	0.4				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.9	0.1 – 0.6				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.2	0.3	0.3				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.4	0.1 – 0.6	0.1 – 0.4				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 3044	1 in 3714	1 in 3371				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.1	0.1				0.0	0.0	0.0
Trend 2016–2020 (per annum)				28.3%	46.5%	35.1%				0.0%	-25.0%	-25.0%

Table A2.75 – Melanoma of ear												
South Australia												
Year – 2020												
	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	6	4	10	12.7	7.9	10.2	0	0	0	0.0	0.0	0.0
70–74	4	2	6	9.3	4.4	6.8	0	0	0	0.0	0.0	0.0
75–79	1	0	1	3.4	0.0	1.6	0	0	0	0.0	0.0	0.0
80–84	1	1	2	5.2	4.2	4.6	0	0	0	0.0	0.0	0.0
85+	3	0	3	17.0	0.0	6.5	1	0	1	5.7	0.0	2.2
Total/Crude rate	18	8	26	2.1	0.9	1.5	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				1.7	0.7	1.1				0.1	0.0	0.0
Confidence Interval (95%)				0.9 – 2.5	0.2 – 1.1	0.7 – 1.6				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				1.1	0.5	0.8				0.0	0.0	0.0
Confidence Interval (95%)				0.6 – 1.7	0.2 – 0.8	0.5 – 1.1				0.0 – 0.1	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 735	1 in 1440	1 in 981				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.3	0.2	0.2				0.0	0.0	0.0
Trend 2016–2020 (per annum)				-2.9%	10.8%	-0.2%				-6.4%	-31.3%	-20.8%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.76 – Melanoma of other and unspecified parts of face

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
40–44	0	3	3	0.0	5.7	2.9	1	0	1	1.9	0.0	1.0
45–49	1	2	3	1.8	3.5	2.7	0	1	1	0.0	1.8	0.9
50–54	1	2	3	1.8	3.5	2.7	0	0	0	0.0	0.0	0.0
55–59	3	1	4	5.4	1.7	3.5	0	0	0	0.0	0.0	0.0
60–64	3	0	3	5.7	0.0	2.8	0	0	0	0.0	0.0	0.0
65–69	8	3	11	16.9	5.9	11.2	1	0	1	2.1	0.0	1.0
70–74	7	5	12	16.4	10.9	13.6	0	0	0	0.0	0.0	0.0
75–79	11	3	14	37.5	9.1	22.5	1	0	1	3.4	0.0	1.6
80–84	9	1	10	46.5	4.2	23.1	2	1	3	10.3	4.2	6.9
85+	13	12	25	73.6	42.2	54.3	0	1	1	0.0	3.5	2.2
Total/Crude rate	57	32	89	6.5	3.6	5.0	5	3	8	0.6	0.3	0.5
AS Rate (Aust)				5.4	2.7	3.9				0.5	0.3	0.4
Confidence Interval (95%)				4.0 – 6.9	1.7 – 3.6	3.1 – 4.7				0.1 – 1.0	0.0 – 0.6	0.1 – 0.7
AS Rate (World)				3.1	1.7	2.3				0.3	0.2	0.2
Confidence Interval (95%)				2.3 – 3.8	1.1 – 2.3	1.8 – 2.8				0.1 – 0.6	0.0 – 0.4	0.1 – 0.4
Lifetime Risk				1 in 403	1 in 640	1 in 499				1 in 4,956	1 in 11,304	1 in 6,986
PYLL										40	28	68
% of all cancers				0.9	0.7	0.8				0.2	0.2	0.2
Trend 2016–2020 (per annum)				-0.9%	-4.6%	-2.6%				26.1%	17.8%	23.9%

Table A2.77 – Melanoma of scalp and neck

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	2	3	5	3.6	5.3	4.5	0	1	1	0.0	1.8	0.9
50–54	6	1	7	10.9	1.8	6.3	0	0	0	0.0	0.0	0.0
55–59	2	1	3	3.6	1.7	2.6	0	0	0	0.0	0.0	0.0
60–64	4	0	4	7.6	0.0	3.7	0	0	0	0.0	0.0	0.0
65–69	4	5	9	8.5	9.8	9.2	0	0	0	0.0	0.0	0.0
70–74	15	4	19	35.0	8.7	21.5	2	2	4	4.7	4.4	4.5
75–79	12	1	13	40.9	3.0	20.8	0	0	0	0.0	0.0	0.0
80–84	7	2	9	36.1	8.3	20.8	1	0	1	5.2	0.0	2.3
85+	7	4	11	39.6	14.1	23.9	1	2	3	5.7	7.0	6.5
Total/Crude rate	60	24	84	6.9	2.7	4.7	4	5	9	0.5	0.6	0.5
AS Rate (Aust)				5.7	2.2	3.8				0.4	0.4	0.4
Confidence Interval (95%)				4.2 – 7.1	1.3 – 3.0	3.0 – 4.6				0.0 – 0.7	0.0 – 0.7	0.1 – 0.6
AS Rate (World)				3.6	1.6	2.5				0.2	0.2	0.2
Confidence Interval (95%)				2.7 – 4.5	0.9 – 2.3	2.0 – 3.1				0.0 – 0.3	0.0 – 0.5	0.1 – 0.4
Lifetime Risk				1 in 283	1 in 612	1 in 391				1 in 4,281	1 in 3,256	1 in 3,698
PYLL										5	33	38
% of all cancers				1.0	0.5	0.8				0.2	0.3	0.2
Trend 2016–2020 (per annum)				7.3%	12.5%	8.7%				-4.7%	66.0%	2.8%

Table A2.78 – Melanoma of trunk

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	2	3	1.7	3.3	2.5	0	0	0	0.0	0.0	0.0
35–39	6	1	7	10.4	1.7	6.0	0	0	0	0.0	0.0	0.0
40–44	7	3	10	13.4	5.7	9.5	0	0	0	0.0	0.0	0.0
45–49	7	1	8	12.6	1.8	7.1	0	0	0	0.0	0.0	0.0
50–54	16	8	24	29.2	14.0	21.5	2	0	2	3.6	0.0	1.8
55–59	16	6	22	28.5	10.3	19.2	1	0	1	1.8	0.0	0.9
60–64	19	15	34	36.1	26.7	31.3	2	0	2	3.8	0.0	1.8
65–69	21	9	30	44.5	17.7	30.6	4	0	4	8.5	0.0	4.1
70–74	32	8	40	74.8	17.5	45.2	2	2	4	4.7	4.4	4.5
75–79	24	5	29	81.9	15.1	46.5	3	0	3	10.2	0.0	4.8
80–84	19	4	23	98.1	16.7	53.1	2	0	2	10.3	0.0	4.6
85+	12	4	16	68.0	14.1	34.7	2	2	4	11.3	7.0	8.7
Total/Crude rate	181	66	247	20.7	7.4	14.0	18	4	22	2.1	0.4	1.2
AS Rate (Aust)				18.0	6.2	11.8				1.7	0.3	1.0
Confidence Interval (95%)				15.3 – 20.7	4.7 – 7.7	10.3 – 13.3				0.9 – 2.5	0.0 – 0.5	0.6 – 1.4
AS Rate (World)				12.4	4.5	8.2				1.1	0.1	0.6
Confidence Interval (95%)				10.6 – 14.1	3.4 – 5.5	7.2 – 9.3				0.6 – 1.6	0.0 – 0.3	0.4 – 0.8
Lifetime Risk				1 in 80	1 in 203	1 in 116				1 in 895	1 in 4,574	1 in 1,528
PYLL										123	5	128
% of all cancers				2.9	1.4	2.2				0.8	0.2	0.6
Trend 2016–2020 (per annum)				0.9%	-3.6%	-0.5%				-7.4%	-12.7%	-7.2%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Table A2.79 – Melanoma of upper limb, including shoulder

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	2	2	0.0	3.6	1.7	0	0	0	0.0	0.0	0.0
25–29	0	2	2	0.0	3.4	1.7	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
35–39	3	5	8	5.2	8.5	6.9	0	0	0	0.0	0.0	0.0
40–44	2	6	8	3.8	11.4	7.6	0	0	0	0.0	0.0	0.0
45–49	3	7	10	5.4	12.4	8.9	1	0	1	1.8	0.0	0.9
50–54	8	8	16	14.6	14.0	14.3	0	0	0	0.0	0.0	0.0
55–59	11	9	20	19.6	15.4	17.5	2	1	3	3.6	1.7	2.6
60–64	16	13	29	30.4	23.2	26.7	0	0	0	0.0	0.0	0.0
65–69	13	10	23	27.5	19.6	23.4	1	1	2	2.1	2.0	2.0
70–74	14	16	30	32.7	35.0	33.9	1	1	2	2.3	2.2	2.3
75–79	21	11	32	71.7	33.3	51.3	1	0	1	3.4	0.0	1.6
80–84	17	12	29	87.8	50.0	66.9	1	0	1	5.2	0.0	2.3
85+	11	9	20	62.3	31.7	43.4	2	3	5	11.3	10.6	10.9
Total/Crude rate	119	111	230	13.6	12.4	13.0	9	6	15	1.0	0.7	0.8
AS Rate (Aust)				11.7	10.4	10.9				0.9	0.4	0.7
Confidence Interval (95%)				9.6 – 13.9	8.4 – 12.4	9.5 – 12.4				0.3 – 1.5	0.1 – 0.8	0.3 – 1.0
AS Rate (World)				7.6	7.6	7.5				0.6	0.2	0.4
Confidence Interval (95%)				6.3 – 8.8	6.2 – 9.1	6.6 – 8.5				0.2 – 0.9	0.0 – 0.5	0.2 – 0.6
Lifetime Risk				1 in 144	1 in 135	1 in 140				1 in 2,038	1 in 3,410	1 in 2,561
PYLL										73	28	100
% of all cancers				1.9	2.3	2.1				0.4	0.4	0.4
Trend 2016–2020 (per annum)				1.6%	1.9%	1.7%				20.4%	-1.8%	11.3%

Table A2.80 – Melanoma of lower limb, including hip

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	2	2	0.0	3.4	1.7	0	0	0	0.0	0.0	0.0
30–34	4	2	6	6.8	3.3	5.1	0	0	0	0.0	0.0	0.0
35–39	3	5	8	5.2	8.5	6.9	0	0	0	0.0	0.0	0.0
40–44	2	4	6	3.8	7.6	5.7	0	0	0	0.0	0.0	0.0
45–49	4	9	13	7.2	15.9	11.6	1	1	2	1.8	1.8	1.8
50–54	11	6	17	20.1	10.5	15.2	0	0	0	0.0	0.0	0.0
55–59	5	11	16	8.9	18.9	14.0	0	1	1	0.0	1.7	0.9
60–64	11	8	19	20.9	14.3	17.5	2	0	2	3.8	0.0	1.8
65–69	11	10	21	23.3	19.6	21.4	1	2	3	2.1	3.9	3.1
70–74	9	9	18	21.0	19.7	20.3	1	1	2	2.3	2.2	2.3
75–79	6	8	14	20.5	24.2	22.5	0	0	0	0.0	0.0	0.0
80–84	9	4	13	46.5	16.7	30.0	0	4	4	0.0	16.7	9.2
85+	7	9	16	39.6	31.7	34.7	0	3	3	0.0	10.6	6.5
Total/Crude rate	82	88	170	9.4	9.8	9.6	5	12	17	0.6	1.3	1.0
AS Rate (Aust)				8.5	8.5	8.4				0.5	1.0	0.8
Confidence Interval (95%)				6.6 – 10.3	6.6 – 10.3	7.1 – 9.7				0.1 – 0.9	0.4 – 1.6	0.4 – 1.2
AS Rate (World)				6.0	6.4	6.2				0.4	0.6	0.5
Confidence Interval (95%)				4.7 – 7.2	5.1 – 7.8	5.2 – 7.1				0.0 – 0.7	0.2 – 0.9	0.2 – 0.7
Lifetime Risk				1 in 171	1 in 162	1 in 167				1 in 1,991	1 in 2,084	1 in 2,039
PYLL										63	63	125
% of all cancers				1.3	1.8	1.5				0.2	0.7	0.4
Trend 2016–2020 (per annum)				8.9%	-1.8%	2.2%				-2.5%	10.2%	4.0%

Table A2.81 – Melanoma of other site

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	1	0	1	5.7	0.0	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.1	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.0	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.1	0.0 – 0.0	0.0 – 0.0				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				N/A	N/A	N/A				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2016–2020 (per annum)				55.7%	0.0%	42.1%				0.0%	0.0%	0.0%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

OFFICIAL

Table A2.82 – Melanoma, site unspecified

South Australia Year – 2020	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	1	0	1	2.3	0.0	1.1	0	0	0	0.0	0.0	0.0
75–79	2	0	2	6.8	0.0	3.2	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	2	2	0.0	7.0	4.3	0	0	0	0.0	0.0	0.0
Total/Crude rate	5	3	8	0.6	0.3	0.5	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.5	0.2	0.4				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.9	0.0 – 0.5	0.1 – 0.6				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.4	0.1	0.3				0.0	0.0	0.0
Confidence Interval (95%)				0.1 – 0.7	0.0 – 0.3	0.1 – 0.4				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 3313	1 in 11390	1 in 5194				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.1	0.1	0.1				0.0	0.0	0.0
Trend 2016–2020 (per annum)				22.4%	-11.9%	2.7%				-27.8%	-23.3%	-26.3%

Note: All rates are expressed per 100,000 population. Age-standardised rates (AS Rate) use the Australian 2011 and New World Standard populations (see Appendix 3)

Appendix 3 – Quality Measures

Table A3.1 (males) and A3.2 (females) display a series of commonly used data quality indices as defined by the Cancer Incidence in Five Continents Vol. X.

Table A3.1 Indices of data quality – male cancers, 2020

MALES							
ICD-O-3	Site	Inc	Mort	M/I%	HV%	MV%	DCO%
C00	Lip	35	0	0	100	100	0.0
C01 C02	Tongue	48	13	27	98	100	0.0
C09 C10	Oropharynx	46	9	20	100	100	0.0
C16	Stomach	106	73	69	94	94	1.4
C18-C20	Colon and rectum	580	217	37	95	95	0.9
C22	Liver and intrahepatic bile ducts	126	90	71	48	48	2.2
C23 C24	Gallbladder and bile ducts	42	33	79	71	76	3.0
C25	Pancreas	173	141	82	71	82	0.7
C33 C34	Trachea, bronchus and lung	554	443	80	79	87	2.7
C38	Heart, mediastinum and pleura	43	36	84	93	98	0.0
C44._ + M872-879	Melanoma of skin	527	42	8	100	100	0.0
C61.9	Prostate	1898	264	14	99	99	1.5
C62	Testis	68	4	6	99	99	0.0
C64	Kidney	218	53	24	89	89	1.9
C67	Bladder	204	98	48	93	93	3.1
C71	Brain	89	82	92	84	84	0.0
C73	Thyroid gland	50	7	14	98	100	0.0
C26 C39 C42 C76 C77 C80	Other and unspecified primary	199	120	60	64	74	8.3
M9591 9597 967-972 9735 9737 9738	Non-Hodgkin lymphoma	272	83	31	96	97	1.2
M965-966	Hodgkin lymphoma	27	2	7	96	100	0.0
M9731-9734	Multiple myeloma/Plasma cell tumours	104	57	55	89	90	3.5
M980-994	All leukaemias	153	69	45	82	86	0.0
M998 999	Myelodysplastic syndromes	63	40	63	87	94	0.0
All cancers		6175	2212	36	91	93	1.9

Inc: incidence, Mort: mortality, M/I%: Mortality incidence ratio, HV%: histologic verification proportion: MV%: microscopic verification proportion, DCO%: Death certificate only notification proportion

Table A3.2 Indices of data quality – female cancers, 2020

FEMALES							
ICD-O-3	Site	Inc	Mort	M/I%	HV%	MV%	DCO%
C00	Lip	11	0	0	91	91	0.0
C01 C02	Tongue	29	6	21	97	97	0.0
C09 C10	Oropharynx	16	4	25	100	100	0.0
C16	Stomach	64	41	64	88	88	4.9
C18-C20	Colon and rectum	534	192	36	94	94	1.6
C22	Liver and intrahepatic bile ducts	56	37	66	50	50	8.1
C23 C24	Gallbladder and bile ducts	55	46	84	67	75	2.2
C25	Pancreas	166	148	89	66	78	6.8
C33 C34	Trachea, bronchus and lung	456	291	64	77	87	2.4
C38	Heart, mediastinum and pleura	11	11	100	100	100	0.0
C44._ + M872-879	Melanoma of skin	337	30	9	100	100	0.0
C50	Female breast	1375	215	16	99	99	0.5
C51	Vulva	30	9	30	100	100	0.0
C53	Cervix uteri	69	16	23	99	100	0.0
C54 C55	Body of the uterus	241	42	17	100	100	0.0
C56.9	Ovary	90	73	81	88	93	2.7
C64	Kidney	127	18	14	89	89	11.1
C67	Bladder	69	35	51	93	93	5.7
C71	Brain	58	57	98	69	69	3.5
C73	Thyroid gland	113	4	4	96	97	0.0
C26 C39 C42 C76 C77 C80	Other and unspecified primary	148	90	61	53	62	17.8
M9591 9597 967-972 9735 9737 9738	Non-Hodgkin lymphoma	185	53	29	96	98	0.0
M965-966	Hodgkin lymphoma	23	4	17	100	100	0.0
M9731-9734	Multiple myeloma/Plasma cell tumours	59	34	58	92	92	5.9
M980-994	All leukaemias	108	52	48	81	85	0.0
M998 999	Myelodysplastic syndromes	32	15	47	72	88	0.0
All cancers		4820	1674	35	90	93	3.5

Inc: incidence, Mort: mortality, M/I%: Mortality incidence ratio, HV%: histologic verification proportion: MV%: microscopic verification proportion, DCO%: Death certificate only notification proportion

Mortality-to-Incidence (M:I) Ratio

Compares the number of deaths due to a specific type of cancer over a specific period of time with the number of new cases of that type of cancer registered during the same period. M:I values greater than expected lead to a suspicion of incompleteness (incident cases missed). Cancers with a higher M:I ratio tend to have a poorer survival.

The overall M:I ratio for males was 36% and for females was 35%.

Death Certificate Only (DCO%)

Cases for which no other information than a death certificate has been used, despite a thorough trace-back procedure. An elevated DCO% is indicative of inadequate case finding procedures.

The overall DCO% for males was 1.9% and for females was 3.5%.

Microscopic Verification (MV%)

The percentage of cases diagnosed on the basis of microscopic verification. This includes all histologically verified cases, in addition to cases where cytology specimens were examined and also haematological malignancies - where the diagnosis was made on a full blood count (without a bone marrow biopsy).

The overall MV% for males was 93% and for females was also 93%.

Histologic Verification (HV%)

The percentage of cases diagnosed on the basis of histologic verification.

The overall HV% for males was 91% and for females was 90%.

For more information please contact

The South Australian Cancer Registry. Wellbeing SA
WellbeingSACCSACancerRegistry@sa.gov.au
www.wellbeingsa.sa.gov.au