

**Supporting
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Cancer in South Australia 2019

With projections to 2022



**Government
of South Australia**

Wellbeing SA

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Executive Summary

In 2019 there were 11,349 new cases of cancer diagnosed in South Australia (age standardised rate 535.8 per 100,000 population), while there were 3,808 cancer deaths (217.4 per 100,000 population).

Between 2015 and 2019 male incidence rates increased by 1.7%, while female incidence rates remained stable. Mortality rates in males and females have shown a decrease of 1.1% per annum between 2015 and 2019.

In 2019 the most common cancers for males were prostate cancer, which accounted for 31.4% of all male cancers, colorectal cancer (9.8%) and lung cancer (9.3%). The most common cancers for females in 2019 were breast cancer, which accounted for 28.9% of all female cancers, colorectal cancer (11.8%) and lung cancer (9.3%).

Cancer was a disease predominantly affecting the older population. In South Australia in 2019 people aged over 65 accounted for 63.6% of all cancers and 80.6% 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. Colorectal cancer was the most common cancer death among 15-44 year olds, although the numbers are low (Figure 6). In 2018, brain cancer was the leading cause of death in this age group.

Lung cancer remained the leading cause of cancer death among South Australian males (19.9%), followed by prostate cancer (12.2%) and colorectal cancer (9.4%). Lung cancer (18.3%), breast cancer (13.5%) and colorectal cancer (10.4%) were the leading causes of cancer deaths among females in South Australia during 2019.

Lung cancer incidence rates in males have increased by 2.1% per annum between 2015 and 2019, and mortality rates have increased by 0.1% per annum over the same period. However, long term trends indicate incidence and mortality rates have decreased and are projected to continue to decrease between 2020 and 2022. Lung cancer incidence rates in females have decreased by 0.8% per annum between 2015 and 2019, however longer term trends show an increasing rate and rates are projected to increase between 2020 and 2022. Mortality rates have decreased by 2.6% per annum between 2015 and 2019 and are projected to stabilise between 2020 and 2022.

Prostate cancer incidence rates in South Australia have increased by 7.3% per annum between 2015 and 2019, and mortality rates have decreased by 0.6% 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 2022.

Melanoma incidence rates in males increased by 0.4% per annum between 2015 and 2019, while mortality rates have decreased by 7.6% per annum over the same period. Melanoma incidence rates in females have increased by 1.3% per annum between 2015 and 2019, while mortality rates have decreased by 10.0% 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 2019 report presents the cancer data for 2019, describes the trends in cancer in South Australia over the years 2015-2019, and projects incidence and mortality rates from 2020 to 2022.

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 stage at diagnosis in the collection across the population. The Health Care (Reporting of Cancer) Regulations under the *Health Care Act 2008* were amended in June 2017 to include reporting of stage at diagnosis and non-malignant tumours of the Central Nervous System as new items for cancers diagnosed from June 2017 onwards. These items will be assessed for quality and reported for cancer diagnoses from 2018 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 2019 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.

Over the past five years the SACR has focussed on increasing the proportion of electronic notifications. These changes have increased the efficiency of coding and data processing, but have also increased the ascertainment of cases by automating notification to a greater degree. For cancers diagnosed in 2019 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 10,281.

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 2022.

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 2019

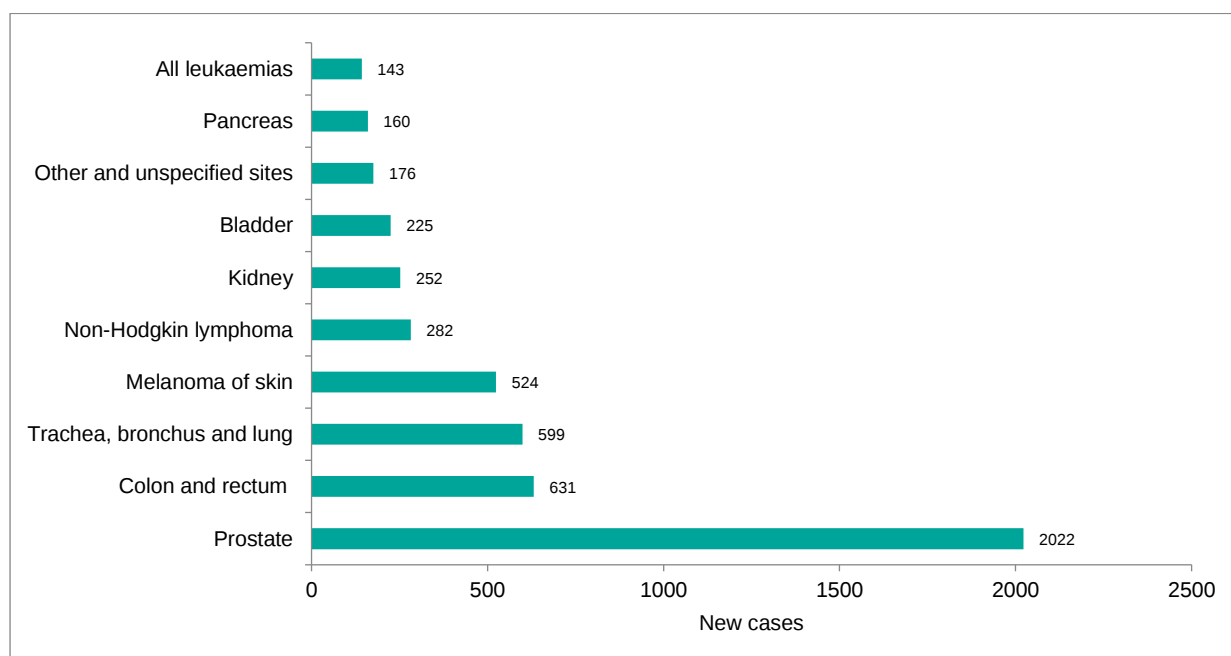
There are many types of cancer, varying by site of origin (primary site) and by tumour type (histology). This section describes the patterns of the most common invasive cancers by primary site in South Australia for 2019, examining incidence (new cases) and mortality (deaths), by both sex and age groups.

Incidence

In 2019, there were 11,349 new diagnoses of cancer in South Australia (Table 1). There were 6,442 cancers diagnosed in males (ASR 636.5 per 100,000) and 4,907 in females (ASR 450.3 per 100,000) resulting in an age-adjusted male-female ratio of 1.41. (Table 2 and Table 3). Cancers in males accounted for 56.8% of all cases, with 1 in 3 males and 1 in 4 females being diagnosed with cancer in their lifetime (calculated to age 75, see Methods and Terminology).

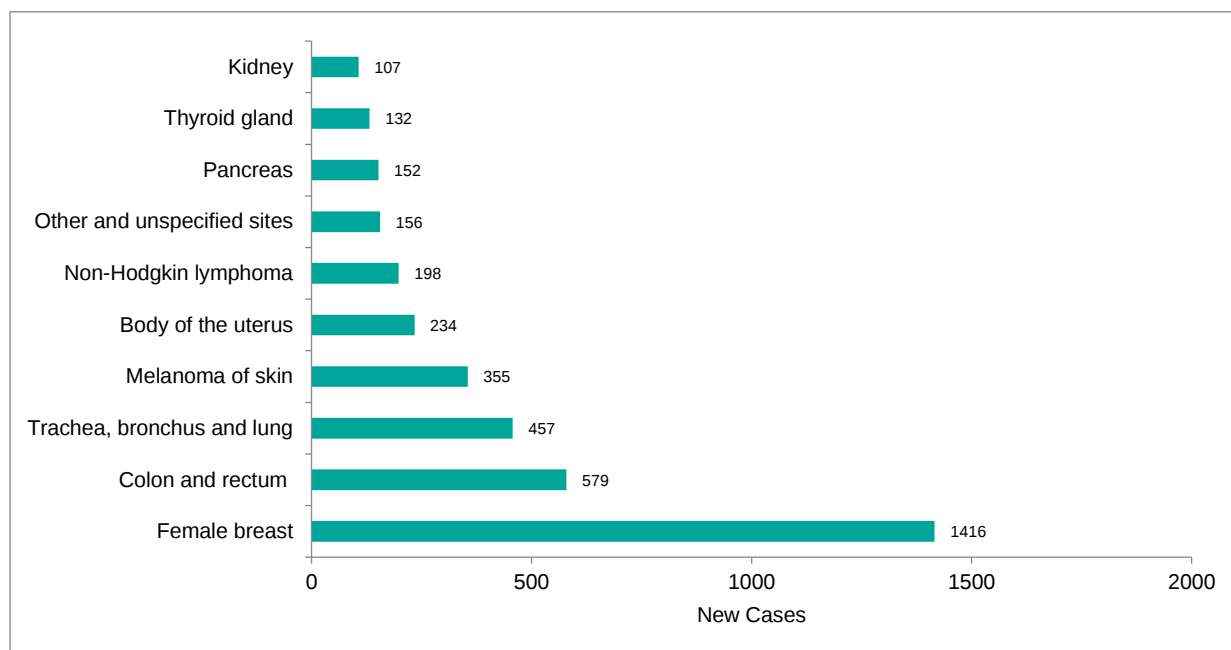
Prostate cancer was the most commonly reported cancer in males, accounting for 31.4% of all cancers. Colorectal cancer (9.8%), lung cancer (9.3%), melanoma of skin (8.1%), and Non-Hodgkin Lymphoma (4.4%) were the next most common cancers among males. These five cancers accounted for 63.0% of all newly diagnosed cancers among males in 2019 (Table 2 and Figure 1).

Figure 1 - Most common cancers in South Australia 2019 – Males



Breast cancer remained the most commonly reported cancer in females, accounting for 28.9% of all cancers, followed by colorectal cancer (11.8%), lung cancer (9.3%), melanoma of skin (7.2%) and uterine cancers (4.8%). These five cancers accounted for 62.0% of all cancers diagnosed among females in 2019 (Table 3 and Figure 2).

Figure 2 - Most common cancers in South Australia 2019 – Females



Cancer was predominantly a disease of the elderly in South Australia with 63.6% occurring in the 65 years and over age group (7,213 cases, Table A2.61).

In children under the age of 15 years, there were 45 cases of cancer diagnosed in 2019, 24 males and 21 females (Table A2.61). The most common childhood cancers were leukaemia (19 cases) and brain cancer (10 cases, Figure 3).

For people in the 15 to 44 year age group there were 673 cancers diagnosed in 2019, 263 males and 410 females (Table A2.61). The most common cancers in this age group were female breast cancer (126 cases), melanoma of skin (76 cases), thyroid cancer (64 cases), colorectal cancer (63 cases), and testicular cancer (49 cases, Figure 3).

In the 45 to 64 year age group there were 3,418 cancers diagnosed in 2019 – 1,833 males and 1,585 females (Table A2.61). The most common cancers in this age group were prostate cancer (602 cases), female breast cancer (583 cases), colorectal cancer (324 cases), melanoma of skin (279 cases), and lung cancer (254 cases, Figure 3).

Below the age of 55, female cases for all cancers (1,006 cases) outnumber male cases (769 cases). This trend reverses from 55 years of age, when male cases predominate (59.3% 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 7,213 cancers diagnosed in 2019 – 4,322 male cancers and 2,891 female cancers (Table A2.61). The most common cancers in this age group were prostate cancer (1,417 cases), colorectal cancer (823 cancers), lung cancer (788 cases), female breast cancer (707 cases) and melanoma of skin (524 cases, Figure 3). Colorectal cancer is traditionally diagnosed in older patients although the South Australian data for 2019 show that incidence is beginning from age 15 years, increasing steadily to age 85 years and over (Table A2.12).

Table 1 - South Australian persons: incidence, age-standardised rates, lifetime risk, leading cancer types, 2019

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Prostate	2022	91.6	60.4	1 in 14	17.8
Female breast	1416	70.2	50.7	1 in 18	12.5
Colon and rectum	1210	56.5	36.8	1 in 27	10.7
Trachea, bronchus and lung	1056	47.8	29.7	1 in 34	9.3
Melanoma of skin	879	42.1	29.1	1 in 34	7.7
Non-Hodgkin lymphoma	480	22.5	15.0	1 in 65	4.2
Kidney	359	17.6	12.5	1 in 76	3.2
Other and unspecified sites	332	15.2	9.3	1 in 119	2.9
Pancreas	312	14.1	8.7	1 in 118	2.7
Bladder	278	12.2	7.1	1 in 147	2.4
All leukaemias	242	12.0	9.0	1 in 134	2.1
Body of the uterus	234	11.1	7.7	1 in 114	2.1
Stomach	187	8.5	5.1	1 in 193	1.6
Multiple myeloma/Plasma cell tumours	186	8.5	5.5	1 in 153	1.6
Thyroid gland	181	10.1	8.7	1 in 134	1.6
Liver and intrahepatic bile ducts	169	7.8	4.9	1 in 196	1.5
Brain	157	7.9	6.2	1 in 172	1.4
Connective and other soft tissue	140	6.6	4.6	1 in 245	1.2
Oesophagus	138	6.3	4.0	1 in 238	1.2
Myelodysplastic syndromes	97	4.3	2.5	1 in 396	0.9
Ovary	86	4.3	3.2	1 in 314	0.8
Tongue	78	3.8	2.7	1 in 345	0.7
Gallbladder and bile ducts	78	3.6	2.2	1 in 445	0.7
Cervix uteri	75	4.5	4.0	1 in 306	0.7
Other chronic myeloproliferative and haematological disorders	73	3.5	2.5	1 in 403	0.6
Lip	69	3.2	2.2	1 in 387	0.6
Heart, mediastinum and pleura	63	2.7	1.6	1 in 891	0.6
Oropharynx	57	2.8	2.0	1 in 385	0.5
Skin of lip	57	2.7	1.8	1 in 497	0.5
Small intestine	54	2.6	1.7	1 in 589	0.5
Testis	54	3.3	3.5	1 in 417	0.5
Mouth	51	2.4	1.6	1 in 671	0.4
Hodgkin lymphoma	48	2.8	2.6	1 in 485	0.4
Anus, anal canal, anorectum	40	2.0	1.4	1 in 695	0.4
Renal pelvis, other and unspecified urinary organs	40	1.7	1.0	1 in 1140	0.4
Eye	38	1.9	1.4	1 in 784	0.3
Larynx	33	1.6	1.0	1 in 1134	0.3
Vulva	33	1.5	0.9	1 in 1048	0.3
Salivary gland	32	1.5	0.9	1 in 1351	0.3
Retroperitoneum and peritoneum	28	1.3	0.9	1 in 1185	0.2
Other and unspecified female genitalia	26	1.2	0.8	1 in 1168	0.2
Polycythaemia vera	23	1.1	0.8	1 in 1544	0.2
Male breast	16	0.8	0.5	1 in 1853	0.1
Nose, nasal cavities, middle ear and accessory sinuses	13	0.6	0.4	1 in 3445	0.1
Other lymphomas	13	0.6	0.3	1 in 4025	0.1
Bone, joints and articular cartilage	12	0.6	0.6	1 in 2032	0.1
Cranial nerves, spinal cord, meninges etc.	12	0.6	0.5	1 in 2215	0.1
Penis	10	0.5	0.3	1 in 2896	0.1
Hypopharynx	9	0.4	0.3	1 in 2154	0.1
Thymus	9	0.4	0.3	1 in 2522	0.1
Skin of anus (including perineum, perianal skin)	8	0.4	0.3	1 in 2823	0.1
Immunoproliferative neoplasms	8	0.4	0.2	1 in 19302	0.1
Nasopharynx	7	0.4	0.3	1 in 3010	0.1
Vagina	5	0.3	0.2	1 in 5319	0.0
Other endocrine glands	4	0.2	0.2	1 in 7279	0.0
Malignancy of histiocytes and accessory lymphoid cells	4	0.2	0.2	1 in 5366	0.0
Unspecified sites - lip, oral cavity and pharynx	3	0.2	0.1	1 in 11266	0.0
Mast cell tumours	3	0.1	0.1	1 in 10105	0.0
Other male genital organs	2	0.1	0.1	1 in 19302	0.0
All cancers	11349	535.8	363.1	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, 2019

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Prostate	2022	193.0	126.1	1 in 7	31.4
Colon and rectum	631	63.0	40.7	1 in 24	9.8
Trachea, bronchus and lung	599	58.5	35.4	1 in 30	9.3
Melanoma of skin	524	52.6	35.6	1 in 27	8.1
Non-Hodgkin lymphoma	282	28.4	18.6	1 in 52	4.4
Kidney	252	25.9	18.3	1 in 52	3.9
Bladder	225	21.7	12.5	1 in 83	3.5
Other and unspecified sites	176	17.8	11.0	1 in 102	2.7
Pancreas	160	15.8	9.7	1 in 108	2.5
All leukaemias	143	15.0	11.2	1 in 107	2.2
Stomach	133	13.0	7.7	1 in 131	2.1
Multiple myeloma/Plasma cell tumours	118	11.4	7.5	1 in 111	1.8
Liver and intrahepatic bile ducts	115	11.3	7.0	1 in 134	1.8
Oesophagus	104	10.2	6.5	1 in 145	1.6
Connective and other soft tissue	92	9.3	6.1	1 in 185	1.4
Brain	92	9.6	7.3	1 in 151	1.4
Myelodysplastic syndromes	57	5.5	3.1	1 in 302	0.9
Testis	54	6.7	6.9	1 in 209	0.8
Tongue	53	5.4	3.9	1 in 218	0.8
Oropharynx	52	5.3	3.7	1 in 203	0.8
Other chronic myeloproliferative and haematological disorders	52	5.2	3.4	1 in 293	0.8
Heart, mediastinum and pleura	51	4.8	2.8	1 in 504	0.8
Lip	49	4.9	3.3	1 in 256	0.8
Thyroid gland	49	5.5	4.4	1 in 266	0.8
Skin of lip	40	4.2	2.9	1 in 319	0.6
Hodgkin lymphoma	37	4.4	4.0	1 in 309	0.6
Gallbladder and bile ducts	35	3.5	2.1	1 in 457	0.5
Larynx	28	2.8	1.7	1 in 696	0.4
Small intestine	27	2.8	1.7	1 in 648	0.4
Mouth	26	2.7	1.7	1 in 622	0.4
Renal pelvis, other and unspecified urinary organs	23	2.1	1.2	1 in 724	0.4
Salivary gland	16	1.6	0.9	1 in 1580	0.2
Male breast	16	1.7	1.1	1 in 903	0.2
Eye	15	1.5	1.0	1 in 1084	0.2
Polycythaemia vera	12	1.3	1.0	1 in 1124	0.2
Penis	10	1.0	0.7	1 in 1407	0.2
Anus, anal canal, anorectum	9	0.9	0.6	1 in 1406	0.1
Hypopharynx	8	0.8	0.6	1 in 1163	0.1
Nasopharynx	7	0.8	0.6	1 in 1476	0.1
Other lymphomas	7	0.7	0.4	1 in 3256	0.1
Nose, nasal cavities, middle ear and accessory sinuses	6	0.6	0.3	1 in 3256	0.1
Cranial nerves, spinal cord, meninges etc.	6	0.6	0.4	1 in 1957	0.1
Skin of anus (including perineum, perianal skin)	5	0.5	0.3	1 in 2411	0.1
Retroperitoneum and peritoneum	5	0.5	0.4	1 in 3419	0.1
Immunoproliferative neoplasms	5	0.5	0.2	N/A	0.1
Thymus	4	0.4	0.4	1 in 2593	0.1
Bone, joints and articular cartilage	3	0.3	0.2	1 in 3147	0.0
Other male genital organs	2	0.2	0.1	1 in 9297	0.0
Other endocrine glands	2	0.2	0.2	1 in 11697	0.0
Unspecified sites - lip, oral cavity and pharynx	1	0.1	0.1	1 in 11265	0.0
Mast cell tumours	1	0.1	0.1	N/A	0.0
Malignancy of histiocytes and accessory lymphoid cells	1	0.1	0.1	1 in 10314	0.0
All cancers	6442	636.5	417.8	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 3 - South Australian females: incidence, age-standardised rates, lifetime risk, leading cancer types, 2019

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Female breast	1416	135.3	98.6	1 in 10	28.9
Colon and rectum	579	50.9	33.3	1 in 31	11.8
Trachea, bronchus and lung	457	39.1	24.9	1 in 39	9.3
Melanoma of skin	355	32.8	23.3	1 in 45	7.2
Body of the uterus	234	21.2	14.9	1 in 59	4.8
Non-Hodgkin lymphoma	198	17.5	11.7	1 in 83	4.0
Other and unspecified sites	156	12.9	7.8	1 in 141	3.2
Pancreas	152	12.8	7.8	1 in 129	3.1
Thyroid gland	132	14.6	12.9	1 in 91	2.7
Kidney	107	10.0	7.0	1 in 137	2.2
All leukaemias	99	9.3	7.0	1 in 179	2.0
Ovary	86	8.3	6.3	1 in 161	1.8
Cervix uteri	75	8.8	8.0	1 in 155	1.5
Multiple myeloma/Plasma cell tumours	68	5.8	3.7	1 in 240	1.4
Brain	65	6.4	5.2	1 in 197	1.3
Stomach	54	4.7	3.0	1 in 351	1.1
Liver and intrahepatic bile ducts	54	4.7	3.0	1 in 346	1.1
Bladder	53	4.2	2.4	1 in 535	1.1
Connective and other soft tissue	48	4.4	3.3	1 in 355	1.0
Gallbladder and bile ducts	43	3.8	2.4	1 in 434	0.9
Myelodysplastic syndromes	40	3.4	2.1	1 in 559	0.8
Oesophagus	34	2.8	1.7	1 in 598	0.7
Vulva	33	2.8	1.7	1 in 539	0.7
Anus, anal canal, anorectum	31	3.0	2.1	1 in 469	0.6
Small intestine	27	2.5	1.7	1 in 543	0.6
Other and unspecified female genitalia	26	2.3	1.5	1 in 600	0.5
Tongue	25	2.3	1.5	1 in 780	0.5
Mouth	25	2.3	1.6	1 in 722	0.5
Retroperitoneum and peritoneum	23	2.0	1.3	1 in 734	0.5
Eye	23	2.2	1.7	1 in 617	0.5
Other chronic myeloproliferative and haematological disorders	21	2.1	1.7	1 in 626	0.4
Lip	20	1.7	1.2	1 in 744	0.4
Skin of lip	17	1.4	0.8	1 in 1068	0.3
Renal pelvis, other and unspecified urinary organs	17	1.4	0.7	1 in 2470	0.3
Salivary gland	16	1.4	1.0	1 in 1179	0.3
Heart, mediastinum and pleura	12	0.9	0.5	1 in 3274	0.2
Hodgkin lymphoma	11	1.2	1.3	1 in 1092	0.2
Polycythaemia vera	11	0.9	0.6	1 in 2426	0.2
Bone, joints and articular cartilage	9	1.0	0.9	1 in 1480	0.2
Nose, nasal cavities, middle ear and accessory sinuses	7	0.6	0.5	1 in 3628	0.1
Cranial nerves, spinal cord, meninges etc.	6	0.6	0.5	1 in 2488	0.1
Other lymphomas	6	0.5	0.2	1 in 5216	0.1
Oropharynx	5	0.5	0.4	1 in 2616	0.1
Larynx	5	0.5	0.3	1 in 2801	0.1
Thymus	5	0.4	0.3	1 in 2470	0.1
Vagina	5	0.5	0.4	1 in 2722	0.1
Skin of anus (including perineum, perianal skin)	3	0.3	0.2	1 in 3364	0.1
Malignancy of histiocytes and accessory lymphoid cells	3	0.4	0.4	1 in 3582	0.1
Immunoproliferative neoplasms	3	0.2	0.2	1 in 10006	0.1
Unspecified sites - lip, oral cavity and pharynx	2	0.2	0.1	1 in 11254	0.0
Other endocrine glands	2	0.3	0.3	1 in 5226	0.0
Mast cell tumours	2	0.2	0.1	1 in 5216	0.0
Hypopharynx	1	0.1	0.1	1 in 10894	0.0
All cancers	4907	450.3	315.8	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

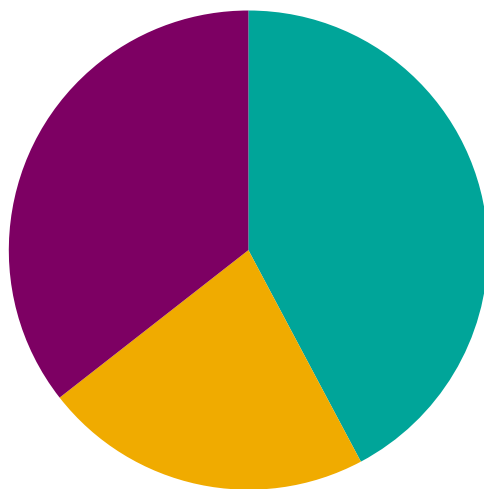
Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

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 2019, by age group

Ages 0 - 14 years (n=45)

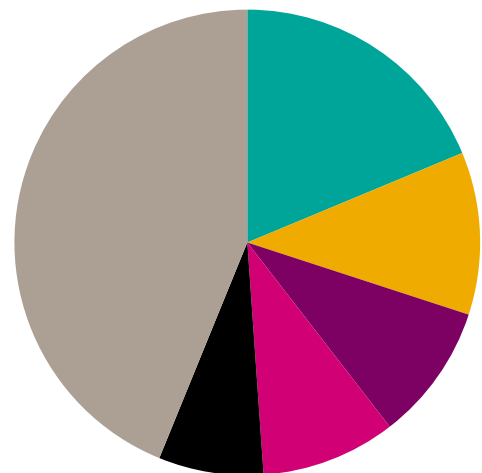


■ All leukaemias - 42%

■ Brain - 22%

■ Other cancers - 36%

Ages 15 - 44 years (n=673)



■ Female breast - 19%

■ Melanoma of skin - 11%

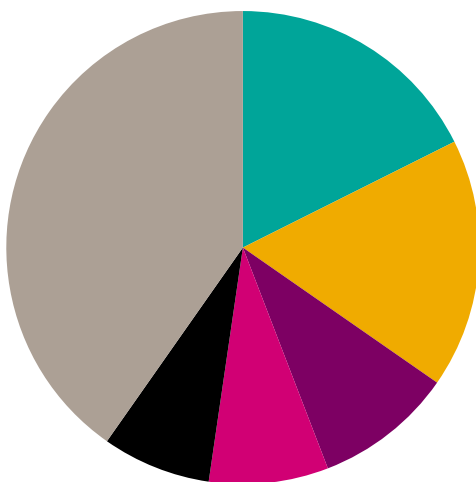
■ Thyroid gland - 10%

■ Colon and rectum - 9%

■ Testis - 7%

■ Other cancers - 44%

Ages 45 - 64 years (n=3,418)



■ Prostate - 18%

■ Female breast - 17%

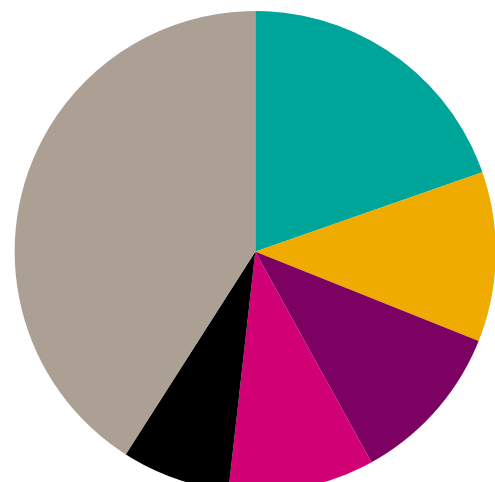
■ Colon and rectum - 9%

■ Melanoma of skin - 8%

■ Trachea, bronchus and lung - 7%

■ Other cancers - 40%

Ages 65 years + (n=7,213)



■ Prostate - 20%

■ Colon and rectum - 11%

■ Trachea, bronchus and lung - 11%

■ Female breast - 10%

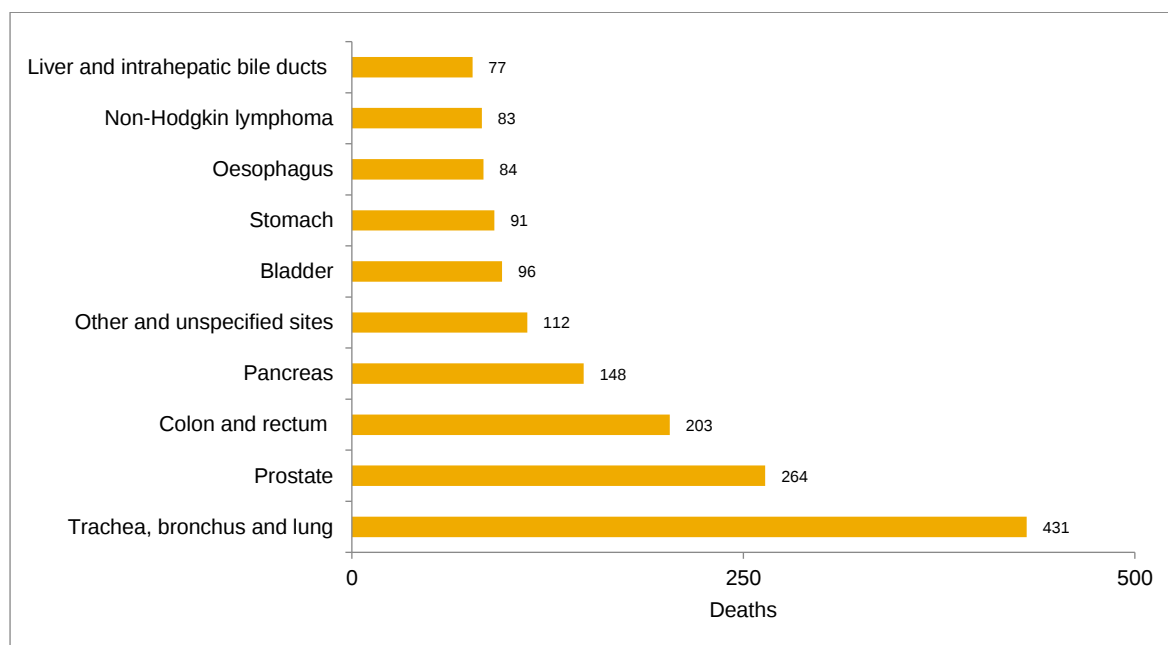
■ Melanoma of skin - 7%

■ Other cancers - 41%

Mortality

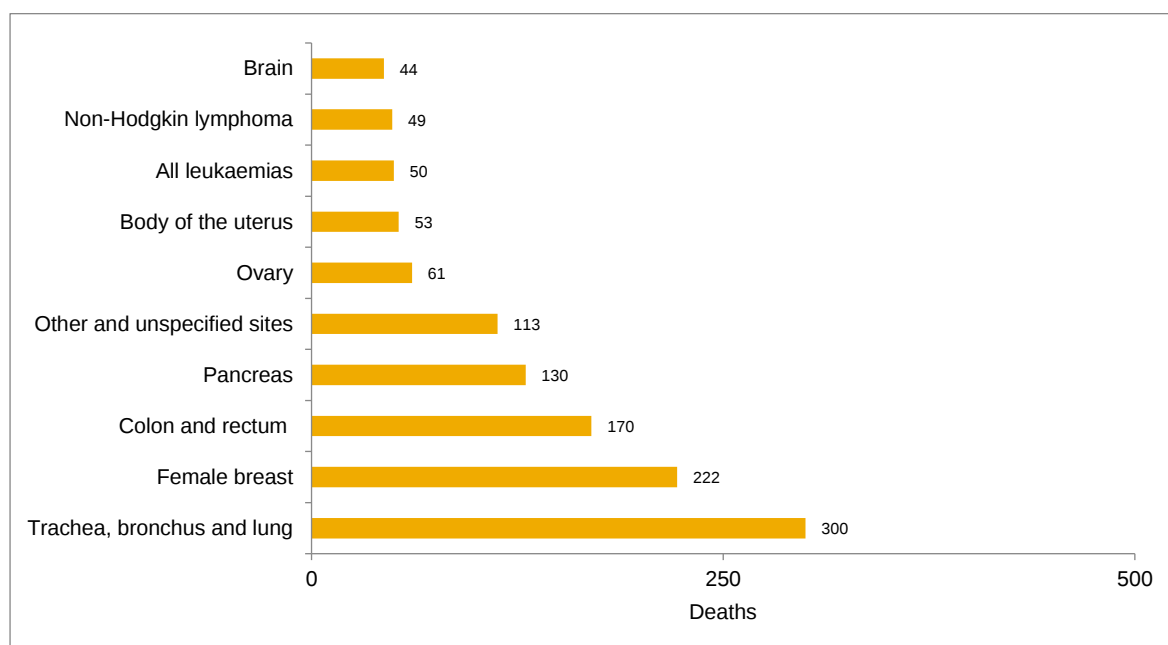
In 2019, there were 3,808 cancer deaths in South Australia (Table A2.61). There were 2,166 cancer deaths in males (ASR 214.2 per 100,000) and 1,642 in females (ASR 133.6 per 100,000, Table A2.61). Lung cancer was the most commonly reported cancer cause of death in males, accounting for 19.9% of all male cancer deaths. Prostate cancer (12.2%), colorectal cancer (9.4%), pancreatic cancer (6.8%), and cancer of unspecified site (5.2%) were the next most common cancer causes of death among males (Figure 4).

Figure 4 - Most common cancer deaths in South Australia 2019 – Males



Lung cancer was also the most commonly reported cancer cause of death in females, accounting for 18.3% of all female cancer deaths. Female breast cancer (13.5%), colorectal cancer (10.4%), pancreatic cancer (7.9%), and cancer of unspecified site (6.9%) were the next most common cancer causes of death among females (Figure 5).

Figure 5 - Most common cancer deaths in South Australia 2019 – Females



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 75 cancer deaths in 2019 - 41 male and 34 female deaths (Table A2.61). The most common cancer deaths in this age group were colorectal cancer (12 deaths), brain cancer (9 deaths), stomach (6 deaths), cervical cancer (5 deaths), oesophagus (5 deaths) and cancers of unspecified site (5 deaths, Figure 6).

In the 45 to 64 year age group there were 656 cancer deaths in 2019 – 374 male and 282 female deaths (Table A2.61). The most common cancer deaths in this age group were lung cancer (126 deaths), colorectal cancer (66 deaths), female breast cancer (58 deaths), pancreatic cancer (46 deaths), and cancers of unspecified site (39 cases, **Figure 6**).

In those aged 65 years and over there were 3,071 deaths caused by cancer in 2019 – 1,748 male and 1,323 female deaths (Table A2.61). The most common cancers in this age group were lung cancer (601 deaths), colorectal cancer (295 deaths), prostate cancer (254 deaths), pancreatic cancer (230 deaths) and cancers of unspecified site (181 cases, Figure 6).

Deaths from cancer generally increase with age for both sexes, with the majority of cancer deaths occurring from the age of 65 (80.6%). 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 60 years the rate of male deaths was higher and increased more steeply than in females (Table A2.61).

Table 4 - South Australian persons: mortality, age-standardised rates, lifetime risk, leading cancer types, 2019

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	731	32.2	18.8	1 in 55	19.2
Colon and rectum	373	16.7	9.5	1 in 129	9.8
Pancreas	278	12.2	7.1	1 in 147	7.3
Prostate	264	11.1	5.3	1 in 321	6.9
Other and unspecified sites	225	10.0	5.6	1 in 212	5.9
Female breast	222	10.2	6.2	1 in 170	5.8
Non-Hodgkin lymphoma	132	5.8	3.2	1 in 368	3.5
Stomach	126	5.8	3.5	1 in 304	3.3
Bladder	122	5.2	2.6	1 in 575	3.2
Brain	116	5.6	4.1	1 in 249	3.0
Liver and intrahepatic bile ducts	114	5.3	3.3	1 in 324	3.0
Oesophagus	113	5.0	3.1	1 in 312	3.0
All leukaemias	103	4.6	2.6	1 in 531	2.7
Kidney	92	4.3	2.6	1 in 414	2.4
Multiple myeloma/Plasma cell tumours	77	3.3	1.8	1 in 770	2.0
Gallbladder and bile ducts	72	3.2	1.7	1 in 726	1.9
Heart, mediastinum and pleura	68	3.0	1.6	1 in 990	1.8
Ovary	61	2.8	1.5	1 in 770	1.6
Melanoma of skin	60	2.6	1.4	1 in 1247	1.6
Body of the uterus	53	2.2	1.2	1 in 729	1.4
Myelodysplastic syndromes	49	2.1	1.0	1 in 1285	1.3
Tongue	30	1.4	0.9	1 in 1119	0.8
Connective and other soft tissue	28	1.2	0.7	1 in 3619	0.7
Retroperitoneum and peritoneum	26	1.1	0.7	1 in 1734	0.7
Small intestine	24	1.1	0.6	1 in 1982	0.6
Other chronic myeloproliferative and haematological disorders	24	1.0	0.6	1 in 1694	0.6
Anus, anal canal, anorectum	19	0.8	0.5	1 in 2057	0.5
Larynx	17	0.7	0.4	1 in 2050	0.4
Cervix uteri	16	0.9	0.7	1 in 1687	0.4
Renal pelvis, other and unspecified urinary organs	15	0.6	0.3	1 in 6535	0.4
Vulva	14	0.6	0.3	1 in 3488	0.4
Mouth	13	0.6	0.4	1 in 2506	0.3
Oropharynx	13	0.6	0.4	1 in 2375	0.3
Thyroid gland	13	0.6	0.4	1 in 2292	0.3
Salivary gland	12	0.5	0.3	1 in 9047	0.3
Other and unspecified female genitalia	9	0.4	0.2	1 in 6488	0.2
Hodgkin lymphoma	9	0.5	0.3	1 in 3527	0.2
Other lymphomas	8	0.3	0.1	1 in 17028	0.2
Hypopharynx	6	0.3	0.2	1 in 4670	0.2
Penis	6	0.3	0.2	1 in 5363	0.2
Cranial nerves, spinal cord, meninges etc.	6	0.3	0.2	1 in 5171	0.2
Lip	5	0.2	0.1	N/A	0.1
Nose, nasal cavities, middle ear and accessory sinuses	5	0.2	0.1	1 in 6423	0.1
Bone, joints and articular cartilage	5	0.3	0.2	1 in 7430	0.1
Polycythaemia vera	5	0.2	0.1	1 in 9047	0.1
Nasopharynx	4	0.2	0.2	1 in 5130	0.1
Male breast	4	0.2	0.1	1 in 22571	0.1
Unspecified sites - lip, oral cavity and pharynx	3	0.1	0.1	1 in 17028	0.1
Thymus	3	0.1	0.1	1 in 19302	0.1
Vagina	3	0.2	0.1	1 in 20807	0.1
Eye	3	0.1	0.1	1 in 9445	0.1
Other endocrine glands	3	0.2	0.1	1 in 23194	0.1
Immunoproliferative neoplasms	3	0.1	0.0	N/A	0.1
Skin of anus (including perineum, perianal skin)	1	0.1	0.0	1 in 21208	0.0
Testis	1	0.0	0.0	N/A	0.0
Malignancy of histiocytes and accessory lymphoid cells	1	0.0	0.0	1 in 19302	0.0
All cancers	3808	169.4	97.5	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.

Table 5 - South Australian males: mortality, age-standardised rates, lifetime risk, leading cancer types, 2019

Site Name	Mortality				% of All Cancer
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	
Trachea, bronchus and lung	431	41.7	24.0	1 in 45	19.9
Prostate	264	26.2	12.0	1 in 156	12.2
Colon and rectum	203	20.5	11.8	1 in 99	9.4
Pancreas	148	14.6	8.2	1 in 132	6.8
Other and unspecified sites	112	11.1	6.3	1 in 185	5.2
Bladder	96	9.5	4.8	1 in 303	4.4
Stomach	91	9.2	5.5	1 in 180	4.2
Oesophagus	84	8.2	5.0	1 in 193	3.9
Non-Hodgkin lymphoma	83	8.2	4.4	1 in 261	3.8
Liver and intrahepatic bile ducts	77	7.8	4.8	1 in 216	3.6
Brain	72	7.3	5.1	1 in 196	3.3
Kidney	68	6.8	4.2	1 in 239	3.1
All leukaemias	53	5.2	3.0	1 in 392	2.4
Heart, mediastinum and pleura	51	4.9	2.6	1 in 558	2.4
Melanoma of skin	43	4.3	2.4	1 in 703	2.0
Multiple myeloma/Plasma cell tumours	41	3.9	2.1	1 in 506	1.9
Gallbladder and bile ducts	32	3.1	1.7	1 in 854	1.5
Myelodysplastic syndromes	31	3.0	1.5	1 in 725	1.4
Tongue	19	1.9	1.3	1 in 751	0.9
Larynx	16	1.5	0.9	1 in 992	0.7
Small intestine	14	1.4	0.8	1 in 1593	0.6
Connective and other soft tissue	14	1.4	0.7	1 in 3383	0.6
Other chronic myeloproliferative and haematological disorders	14	1.4	0.8	1 in 1153	0.6
Salivary gland	10	1.0	0.5	1 in 4367	0.5
Oropharynx	10	0.9	0.6	1 in 1340	0.5
Renal pelvis, other and unspecified urinary organs	10	1.0	0.5	1 in 10314	0.5
Anus, anal canal, anorectum	9	0.9	0.5	1 in 1865	0.4
Thyroid gland	9	0.9	0.6	1 in 1429	0.4
Mouth	6	0.6	0.3	1 in 3410	0.3
Penis	6	0.6	0.4	1 in 2618	0.3
Hypopharynx	5	0.5	0.3	1 in 2971	0.2
Nasopharynx	4	0.4	0.3	1 in 2507	0.2
Male breast	4	0.4	0.3	1 in 11192	0.2
Hodgkin lymphoma	4	0.5	0.4	1 in 2726	0.2
Polycythaemia vera	4	0.4	0.2	1 in 4367	0.2
Lip	3	0.3	0.1	N/A	0.1
Retroperitoneum and peritoneum	3	0.3	0.1	N/A	0.1
Other endocrine glands	3	0.3	0.2	1 in 11950	0.1
Other lymphomas	3	0.3	0.1	N/A	0.1
Immunoproliferative neoplasms	3	0.3	0.1	N/A	0.1
Unspecified sites - lip, oral cavity and pharynx	2	0.2	0.1	1 in 8233	0.1
Nose, nasal cavities, middle ear and accessory sinuses	2	0.2	0.1	1 in 10891	0.1
Bone, joints and articular cartilage	2	0.3	0.3	1 in 5504	0.1
Cranial nerves, spinal cord, meninges etc.	2	0.2	0.2	1 in 11192	0.1
Thymus	1	0.1	0.1	1 in 9297	0.0
Skin of anus (including perineum, perianal skin)	1	0.1	0.1	1 in 10314	0.0
All cancers	2166	214.2	120.7	1 in 10	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, 2019

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	300	24.3	14.3	1 in 71	18.3
Female breast	222	18.9	11.7	1 in 87	13.5
Colon and rectum	170	13.5	7.4	1 in 180	10.4
Pancreas	130	10.5	6.2	1 in 164	7.9
Other and unspecified sites	113	9.0	5.0	1 in 246	6.9
Ovary	61	5.0	2.9	1 in 396	3.7
Body of the uterus	53	4.1	2.3	1 in 377	3.2
All leukaemias	50	4.0	2.2	1 in 795	3.0
Non-Hodgkin lymphoma	49	3.9	2.2	1 in 597	3.0
Brain	44	4.1	3.1	1 in 336	2.7
Gallbladder and bile ducts	40	3.2	1.8	1 in 636	2.4
Liver and intrahepatic bile ducts	37	3.2	1.9	1 in 612	2.3
Multiple myeloma/Plasma cell tumours	36	2.8	1.4	1 in 1498	2.2
Stomach	35	2.9	1.8	1 in 880	2.1
Oesophagus	29	2.3	1.3	1 in 750	1.8
Bladder	26	1.8	0.8	1 in 3686	1.6
Kidney	24	2.0	1.2	1 in 1357	1.5
Retroperitoneum and peritoneum	23	1.9	1.1	1 in 893	1.4
Myelodysplastic syndromes	18	1.3	0.6	1 in 4681	1.1
Heart, mediastinum and pleura	17	1.4	0.7	1 in 3605	1.0
Melanoma of skin	17	1.2	0.5	1 in 4681	1.0
Cervix uteri	16	1.8	1.4	1 in 854	1.0
Connective and other soft tissue	14	1.1	0.6	1 in 3890	0.9
Vulva	14	1.0	0.5	1 in 1803	0.9
Tongue	11	0.9	0.5	1 in 2079	0.7
Small intestine	10	0.8	0.5	1 in 2568	0.6
Anus, anal canal, anorectum	10	0.8	0.5	1 in 2259	0.6
Other chronic myeloproliferative and haematological disorders	10	0.7	0.4	1 in 3055	0.6
Other and unspecified female genitalia	9	0.7	0.4	1 in 3341	0.5
Mouth	7	0.6	0.4	1 in 2006	0.4
Renal pelvis, other and unspecified urinary organs	5	0.4	0.2	1 in 4867	0.3
Hodgkin lymphoma	5	0.4	0.2	1 in 4961	0.3
Other lymphomas	5	0.4	0.2	1 in 8795	0.3
Cranial nerves, spinal cord, meninges etc.	4	0.4	0.3	1 in 3388	0.2
Thyroid gland	4	0.4	0.3	1 in 5325	0.2
Oropharynx	3	0.2	0.1	1 in 8795	0.2
Nose, nasal cavities, middle ear and accessory sinuses	3	0.2	0.1	1 in 4681	0.2
Bone, joints and articular cartilage	3	0.2	0.1	1 in 11670	0.2
Vagina	3	0.3	0.2	1 in 10415	0.2
Lip	2	0.1	0.0	N/A	0.1
Salivary gland	2	0.1	0.0	N/A	0.1
Thymus	2	0.1	0.1	N/A	0.1
Eye	2	0.2	0.1	1 in 10894	0.1
Hypopharynx	1	0.1	0.1	1 in 10006	0.1
Unspecified sites - lip, oral cavity and pharynx	1	0.1	0.0	N/A	0.1
Larynx	1	0.1	0.0	N/A	0.1
Polycythaemia vera	1	0.1	0.0	N/A	0.1
Trachea, bronchus and lung	300	24.3	14.3	1 in 71	18.3
All cancers	1642	133.6	78.0	1 in 15	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

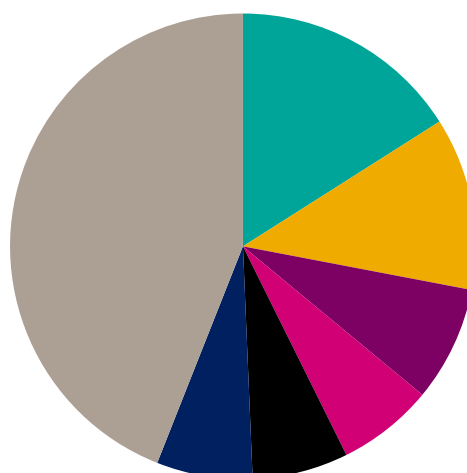
Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

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.

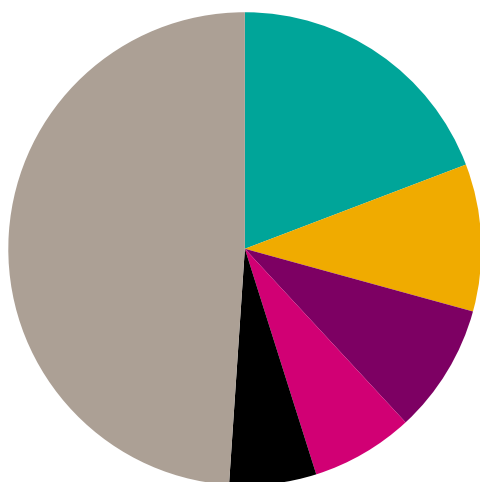
Figure 6 - Most common cancer deaths in South Australia 2019, by age group

Ages 15 - 44 years (n=75)



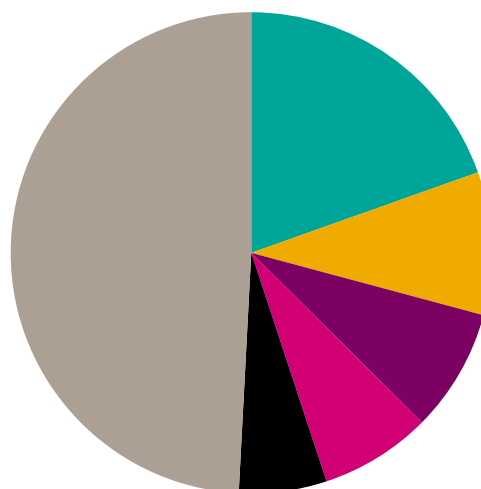
- Colon and rectum - 16%
- Brain - 12%
- Stomach - 8%
- Cervical cancer - 7%
- Other and unspecified sites - 7%
- Oesophagus - 7%
- Other cancers - 44%

Ages 45 - 64 years (n=656)



- Trachea, bronchus and lung - 19%
- Colon and rectum - 10%
- Female breast - 9%
- Pancreas - 7%
- Other and unspecified sites - 6%
- Other cancers - 49%

Ages 65 years + (n=3,071)



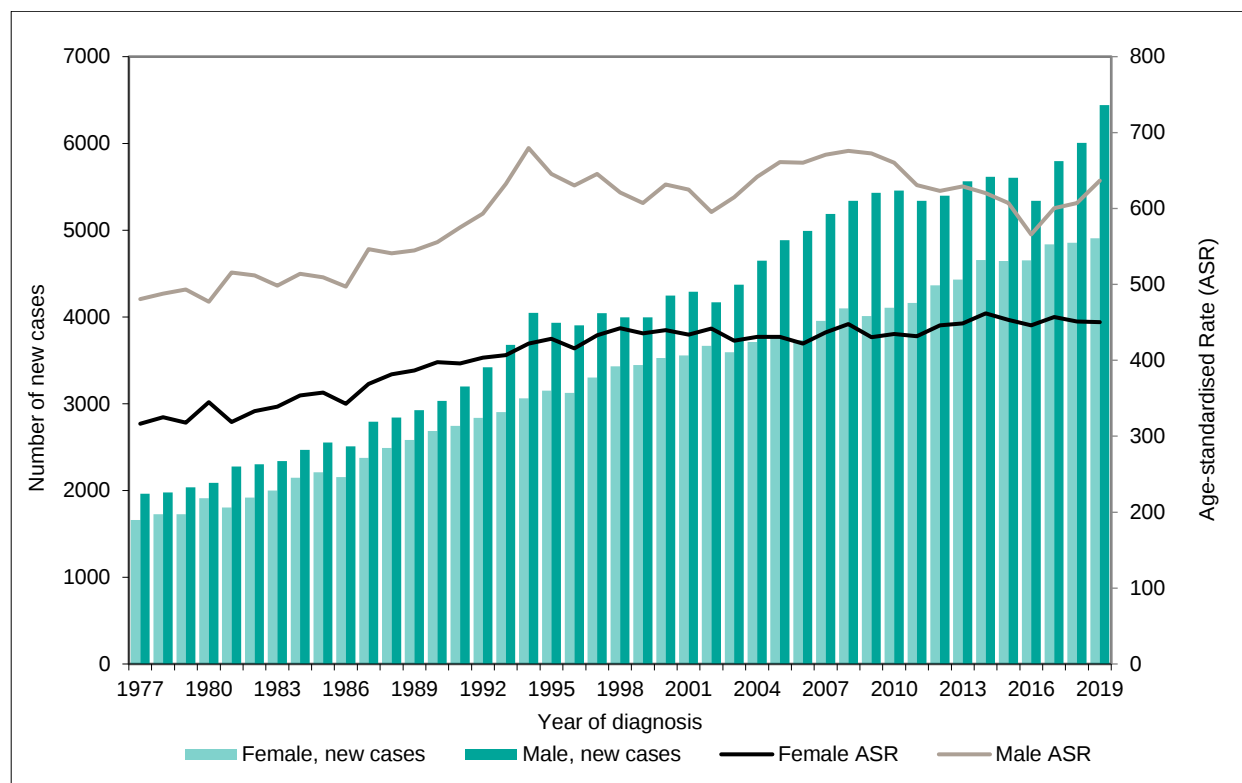
- Trachea, bronchus and lung - 20%
- Colon and rectum - 10%
- Prostate - 8%
- Pancreas - 7%
- Other and unspecified sites - 6%
- Other cancers - 49%

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 2019 was 636.5 new cases per 100,000 for males and 450.3 for females (Table A2.61). Figure 7 shows the trends in both numbers and rate of cancers in South Australia since 1977.

Figure 7 - Trends in cancer incidence - numbers and rates, South Australia, 1977-2019

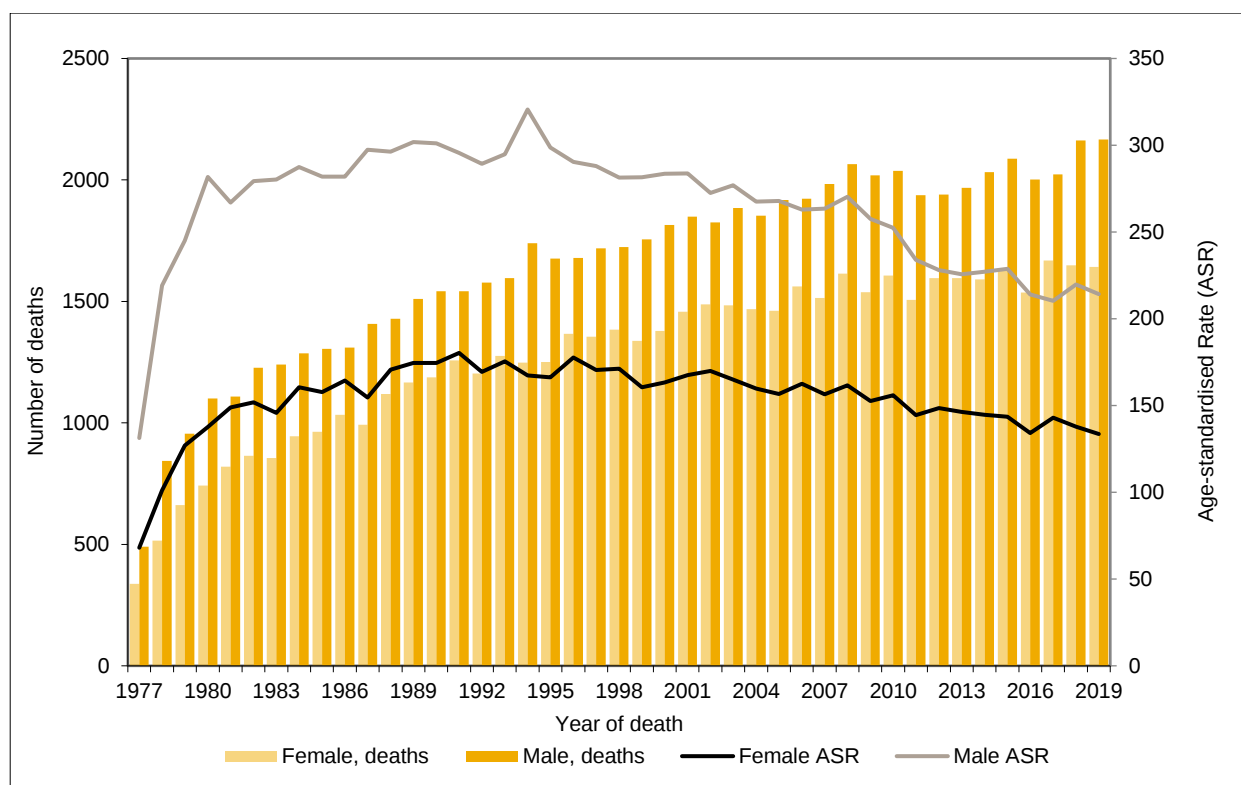


Male incidence rates increased 1.7% per annum between 2015 and 2019, while female rates remained stable (see Table A2.61, change in incidence and mortality calculated using a Poisson regression model).

Mortality

The age-adjusted mortality rate for South Australia in 2019 was 214.2 deaths per 100,000 for males and 133.6 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, 1977-2019



Male and female mortality rates have both decreased by 1.1% per annum between 2015 and 2019 (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 2022 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 decreasing male incidence and mortality rates in males from 2019. The projections for females show an increasing incidence rate from 2019 through to 2022 and a decreasing mortality (Table 7 and Table 8).

Table 7 - Male cancer incidence, mortality rates (2019) and projections (2020-2022), South Australia

Males Site/Year	Incidence (new cases)				Mortality (deaths)			
	2019	2020	2021	2022	2019	2020	2021	2022
Prostate*	193.0 (2022)	194.6 (2077)	212.4 (2313)	223.3 (2475)	26.2 (264)	24.9 (257)	24.4 (258)	23.9 (261)
Colorectal	63.0 (631)	60.5 (613)	57.6 (593)	54.7 (573)	20.5 (203)	20.3 (202)	19.8 (200)	18.7 (193)
Lung	58.5 (599)	54.4 (568)	54.4 (582)	53.8 (590)	41.7 (431)	38.6 (405)	38.2 (410)	36.7 (404)
Melanoma	52.6 (524)	50.4 (510)	50.4 (520)	50.6 (532)	4.3 (43)	3.3 (34)	2.9 (30)	2.5 (27)
NHL	28.4 (282)	28.3 (288)	28.1 (293)	28.0 (297)	8.2 (83)	7.4 (75)	7.5 (78)	7.6 (81)
All cancers	636.5 (6442)	594.8 (6110)	596.7 (6251)	596.0 (6370)	214.2 (2166)	206.6 (2118)	206.2 (2164)	203.9 (2193)

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 (2019) and projections (2020-2022), South Australia

Females Site/Year	Incidence (new cases)				Mortality (deaths)			
	2019	2020	2021	2022	2019	2020	2021	2022
Breast	135.3 (1416)	142.9 (1507)	144.3 (1542)	143.0 (1550)	18.9 (222)	18.5 (217)	17.7 (212)	17.5 (212)
Colorectal	50.9 (579)	49.2 (569)	47.8 (560)	47.6 (569)	13.5 (170)	14.0 (177)	13.5 (173)	12.6 (163)
Melanoma	32.8 (355)	30.6 (334)	30.9 (343)	30.8 (350)	1.2 (17)	1.4 (18)	1.1 (15)	0.9 (12)
Lung	39.1 (457)	41.3 (495)	42.5 (520)	43.1 (539)	24.3 (300)	24.8 (313)	25.3 (326)	24.9 (332)
NHL	17.5 (198)	16.8 (192)	16.1 (189)	15.9 (190)	3.9 (49)	4.2 (53)	3.9 (51)	4.0 (53)
All cancers	450.3 (4907)	458.7 (5085)	459.3 (5172)	457.8 (5239)	133.6 (1642)	132.8 (1648)	132.1 (1669)	129.5 (1671)

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 increased slightly by 0.2% per annum between 2015 and 2019, and mortality rates have decreased by 5.0% per annum over the same period (Table A2.28). Female breast cancer incidence rates are projected to increase between 2020 and 2022, while mortality rates are projected to decrease (Table 8 and

Figure 9).

Figure 9 - Breast cancer incidence and mortality, South Australia, 1977-2019 with projections to 2022

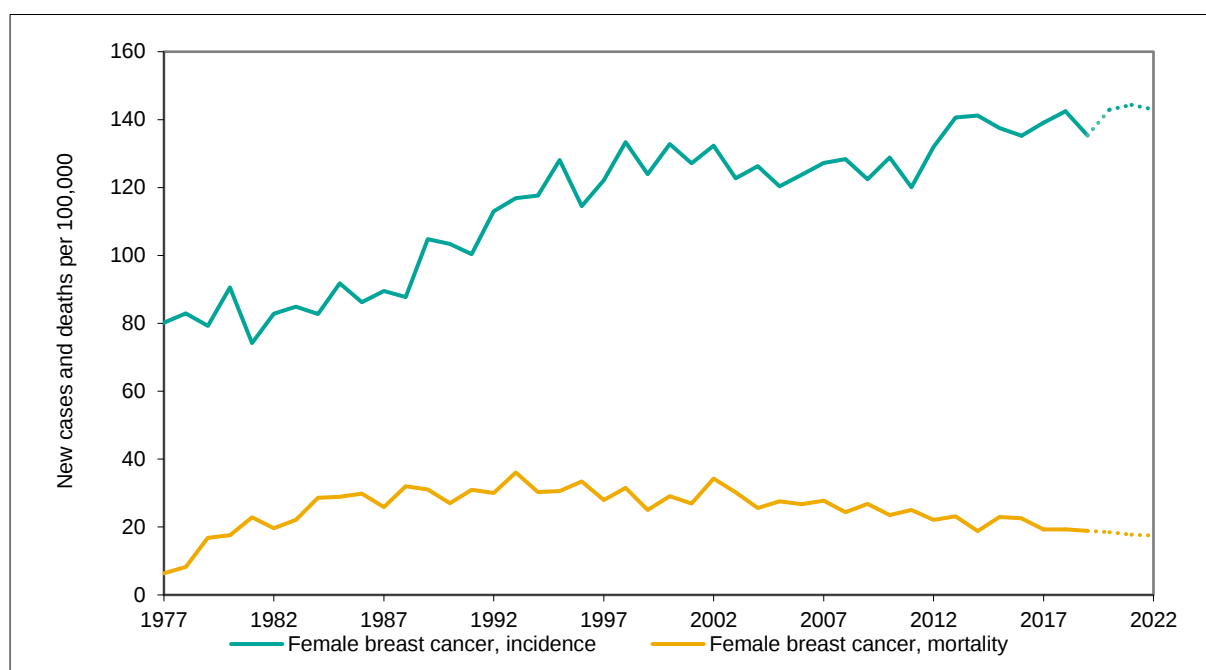


Figure 10 shows the trends in prostate cancer incidence and mortality in South Australia from 1977. Prostate cancer incidence rates in South Australia have increased by 7.3% per annum between 2015 and 2019, and mortality rates have decreased by 0.6% per annum over the same period (Table A2.38). Prostate cancer incidence rates are projected to increase, while mortality rates are projected to decrease between 2020 and 2022 (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, 1977-2019 with projections to 2022

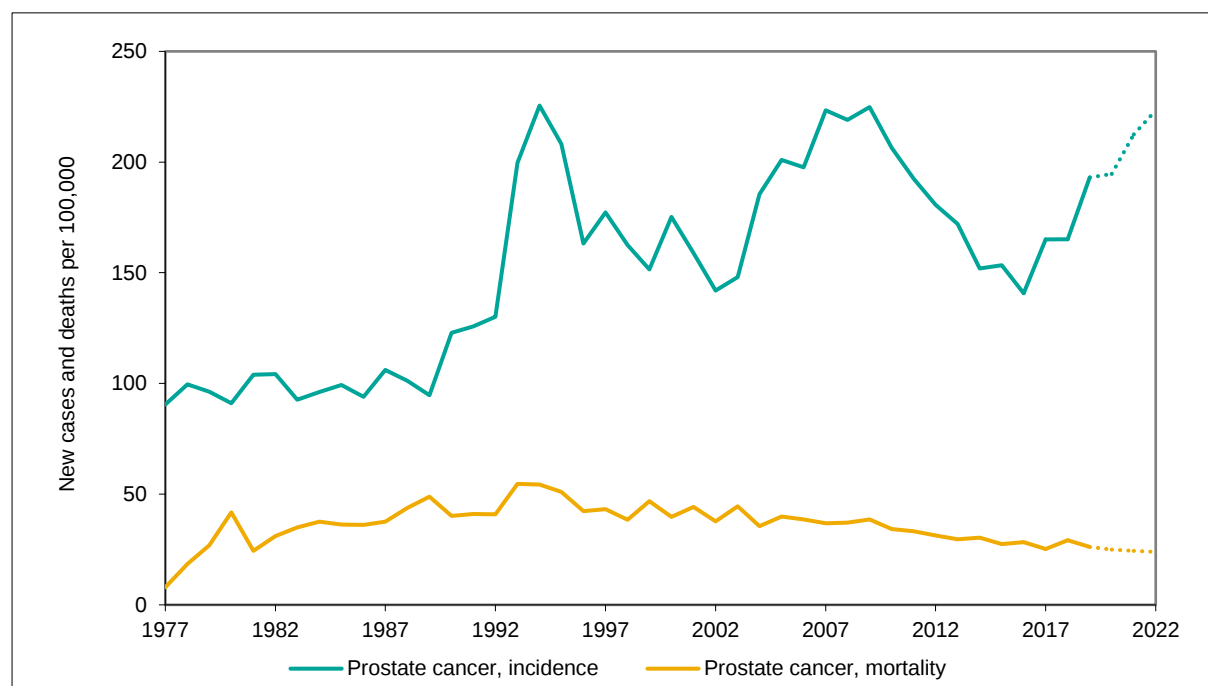


Figure 11 shows the trends in lung cancer incidence and mortality in South Australia from 1977. Lung cancer incidence rates in males have increased by 2.1% per annum between 2015 and 2019, and mortality rates have increased by 0.1% per annum over the same period (Table A2.19). Lung cancer incidence rates in females have decreased by 0.8% per annum between 2015 and 2019, and mortality rates have decreased by 2.6% per annum over the same period (Table A2.19). Lung cancer incidence and mortality rates for males are projected to decrease between 2020 and 2022 (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, 1977-2019 with projections to 2022

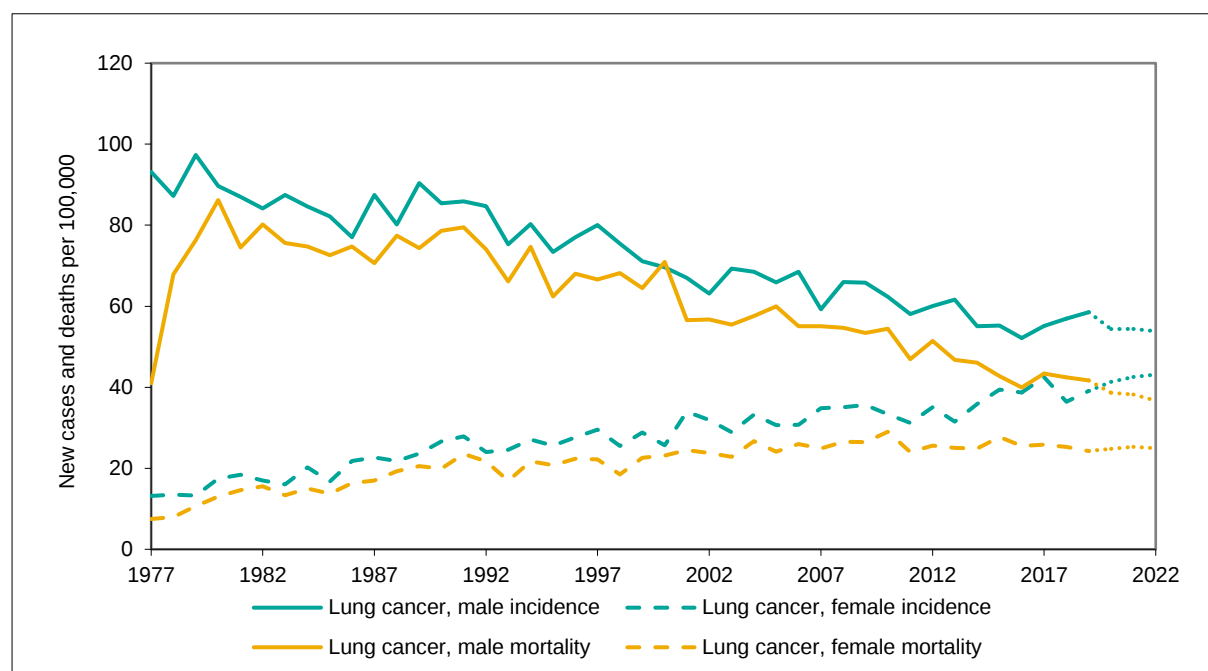


Figure 12 shows the trends in colorectal cancer incidence and mortality in South Australia from 1977. Colorectal cancer incidence rates in males have decreased by 4.2% per annum between 2015 and 2019, and mortality rates have decreased by 5.4% per annum over the same period (Table A2.12). Colorectal cancer incidence rates in females have increased by 0.6% per annum between 2015 and 2019, and mortality rates have decreased by 2.8% per annum over the same period (Table A2.12).

Colorectal cancer incidence and mortality rates for males are projected to decrease between 2020 and 2022 (Table 7 and

Figure 12). Colorectal cancer incidence and mortality for females are both projected to decrease from 2020 (Table 8 and

Figure 12).

Figure 12 - Colorectal cancer incidence and mortality, South Australia, 1977-2019 with projections to 2022

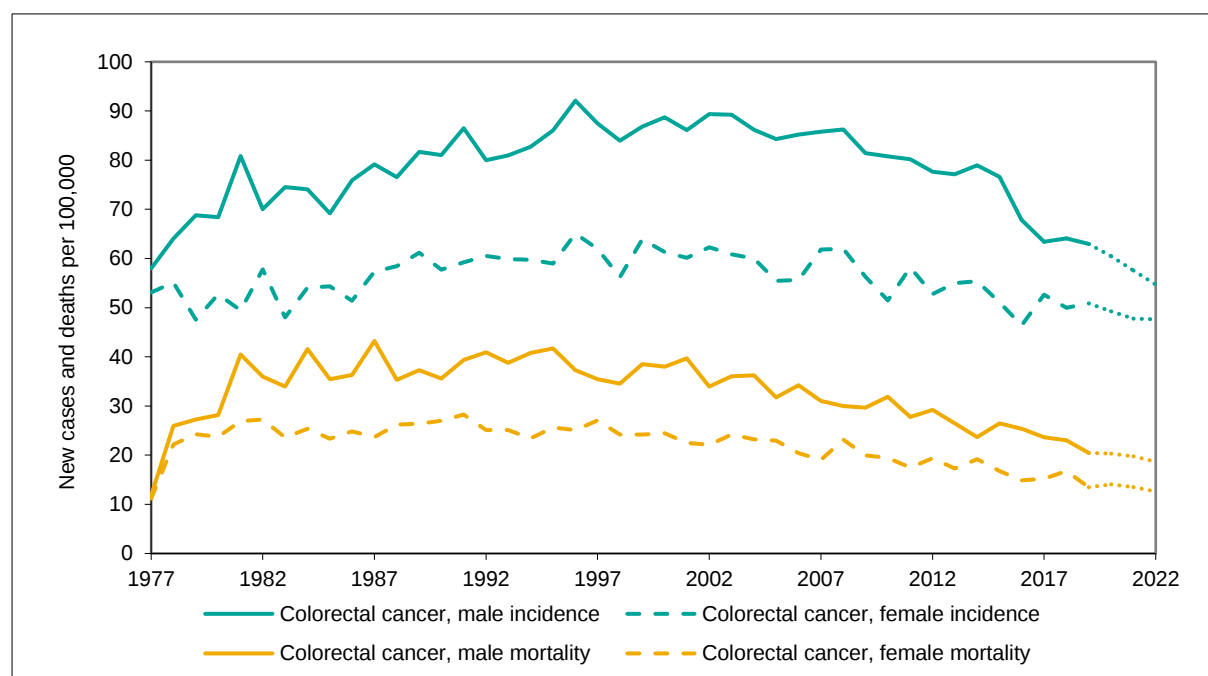


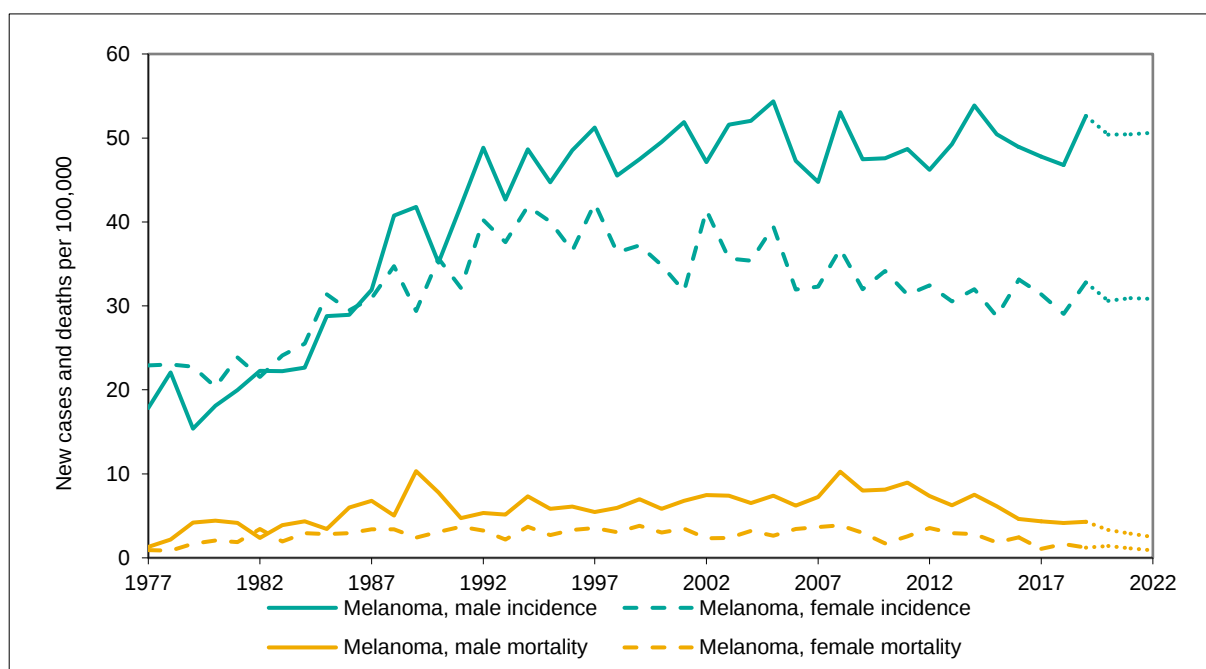
Figure 13 shows the trends in melanoma incidence and mortality in South Australia from 1977. Melanoma incidence rates in males have increased by 0.4% per annum between 2015 and 2019, while mortality rates have decreased by 7.6% per annum over the same period (Table A2.23). Melanoma incidence rates in females have increased by 1.3% per annum between 2015 and 2019, while mortality rates have decreased by 10.0% per annum over the same period (Table A2.23).

Melanoma incidence and mortality rates for males are projected to decrease between 2020 and 2022 (Table 7 and

Figure 13). Melanoma incidence and mortality rates for females are also projected to decrease between 2020 and 2022 (Table 8 and

Figure 13).

Figure 13 - Melanoma incidence and mortality, South Australia, 1977-2019 with projections to 2022



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 2019 (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.

<u>Table</u>	<u>ICDO-3 codes</u>
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
<u>Table</u>	<u>ICDO-3 codes</u>
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
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 – 2019	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	0.9	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	3	0	3	5.3	0.0	2.6	0	0	0	0.0	0.0	0.0
50–54	3	3	6	5.5	5.3	5.4	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	8	0	8	15.5	0.0	7.5	0	0	0	0.0	0.0	0.0
65–69	9	1	10	19.4	2.0	10.4	0	0	0	0.0	0.0	0.0
70–74	9	7	16	21.9	15.9	18.8	0	0	0	0.0	0.0	0.0
75–79	5	2	7	18.0	6.4	11.8	2	0	2	7.2	0.0	3.4
80–84	3	3	6	16.0	13.0	14.3	0	0	0	0.0	0.0	0.0
85+	3	2	5	17.3	7.1	11.0	1	2	3	5.8	7.1	6.6
Total/Crude rate	49	20	69	5.7	2.3	3.9	3	2	5	0.3	0.2	0.3
AS Rate (Aust)				4.9	1.7	3.2				0.3	0.1	0.2
Confidence Interval (95%)				3.5 – 6.2	1.0 – 2.5	2.5 – 4.0				0.0 – 0.6	0.0 – 0.3	0.0 – 0.4
AS Rate (World)				3.3	1.2	2.2				0.1	0.0	0.1
Confidence Interval (95%)				2.4 – 4.2	0.7 – 1.7	1.7 – 2.7				0.0 – 0.3	0.0 – 0.1	0.0 – 0.2
Lifetime Risk				1 in 256	1 in 744	1 in 387				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.8	0.4	0.6				0.1	0.1	0.1
Trend 2015–2019 (per annum)				-1.4%	-5.6%	-1.9%				undefined	undefined	undefined

Table A2.2 – Cancer of the Tongue

South Australia Year – 2019	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	1	0	1	1.7	0.0	0.9
35–39	1	0	1	1.8	0.0	0.9	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	3	1	4	5.3	1.7	3.5	0	1	1	0.0	1.7	0.9
50–54	6	3	9	11.0	5.3	8.1	0	1	1	0.0	1.8	0.9
55–59	8	3	11	14.2	5.1	9.6	1	0	1	1.8	0.0	0.9
60–64	12	5	17	23.3	9.2	16.0	4	1	5	7.8	1.8	4.7
65–69	7	1	8	15.1	2.0	8.3	4	1	5	8.6	2.0	5.2
70–74	8	1	9	19.4	2.3	10.6	2	1	3	4.9	2.3	3.5
75–79	5	4	9	18.0	12.7	15.2	2	1	3	7.2	3.2	5.1
80–84	2	2	4	10.7	8.6	9.6	1	1	2	5.3	4.3	4.8
85+	0	5	5	0.0	17.8	11.0	3	4	7	17.3	14.2	15.4
Total/Crude rate	53	25	78	6.1	2.8	4.5	19	11	30	2.2	1.2	1.7
AS Rate (Aust)				5.4	2.3	3.8				1.9	0.9	1.4
Confidence Interval (95%)				4.0 – 6.9	1.4 – 3.2	3.0 – 4.7				1.0 – 2.8	0.4 – 1.5	0.9 – 1.9
AS Rate (World)				3.9	1.5	2.7				1.3	0.5	0.9
Confidence Interval (95%)				2.9 – 5.0	0.9 – 2.0	2.1 – 3.3				0.7 – 1.8	0.2 – 0.9	0.6 – 1.2
Lifetime Risk				1 in 218	1 in 780	1 in 345				1 in 751	1 in 2,079	1 in 1,119
PYLL										178	73	250
% of all cancers				0.8	0.5	0.7				0.9	0.7	0.8
Trend 2015–2019 (per annum)				9.5%	-1.5%	5.2%				7.2%	25.6%	11.0%

Table A2.3 – Cancer of the Salivary gland

South Australia Year – 2019	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	0.9	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.8	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	1	1	2	1.8	1.7	1.7	0	0	0	0.0	0.0	0.0
60–64	2	1	3	3.9	1.8	2.8	0	0	0	0.0	0.0	0.0
65–69	1	2	3	2.2	4.0	3.1	1	0	1	2.2	0.0	1.0
70–74	2	1	3	4.9	2.3	3.5	1	0	1	2.4	0.0	1.2
75–79	2	2	4	7.2	6.4	6.8	4	0	4	14.4	0.0	6.8
80–84	6	1	7	32.1	4.3	16.7	3	0	3	16.0	0.0	7.2
85+	2	4	6	11.6	14.2	13.2	1	2	3	5.8	7.1	6.6
Total/Crude rate	16	16	32	1.8	1.8	1.8	10	2	12	1.2	0.2	0.7
AS Rate (Aust)				1.6	1.4	1.5				1.0	0.1	0.5
Confidence Interval (95%)				0.8 – 2.4	0.7 – 2.2	1.0 – 2.0				0.4 – 1.5	0.0 – 0.3	0.2 – 0.8
AS Rate (World)				0.9	1.0	0.9				0.5	0.0	0.3
Confidence Interval (95%)				0.5 – 1.2	0.5 – 1.5	0.6 – 1.2				0.3 – 0.8	0.0 – 0.1	0.1 – 0.4
Lifetime Risk				1 in 1580	1 in 1179	1 in 1351				1 in 4,367	N/A	1 in 9,047
PYLL										10	0	10
% of all cancers				0.2	0.3	0.3				0.5	0.1	0.3
Trend 2015–2019 (per annum)				3.7%	10.9%	6.4%				11.6%	-10.9%	5.4%

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 A2.4 – Cancer of the Mouth

South Australia Year – 2019	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	1	1	0.0	1.7	0.9	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	1.8	0.0	0.9	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	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
50–54	2	1	3	3.7	1.8	2.7	0	0	0	0.0	0.0	0.0
55–59	1	2	3	1.8	3.4	2.6	1	2	3	1.8	3.4	2.6
60–64	7	2	9	13.6	3.7	8.5	1	0	1	1.9	0.0	0.9
65–69	1	1	2	2.2	2.0	2.1	1	1	2	2.2	2.0	2.1
70–74	3	5	8	7.3	11.4	9.4	0	2	2	0.0	4.5	2.3
75–79	5	4	9	18.0	12.7	15.2	0	1	1	0.0	3.2	1.7
80–84	2	6	8	10.7	25.9	19.1	2	0	2	10.7	0.0	4.8
85+	3	1	4	17.3	3.6	8.8	1	1	2	5.8	3.6	4.4
Total/Crude rate	26	25	51	3.0	2.8	2.9	6	7	13	0.7	0.8	0.7
AS Rate (Aust)				2.7	2.3	2.4				0.6	0.6	0.6
Confidence Interval (95%)				1.6 – 3.7	1.4 – 3.2	1.8 – 3.1				0.1 – 1.1	0.1 – 1.0	0.3 – 0.9
AS Rate (World)				1.7	1.6	1.6				0.3	0.4	0.4
Confidence Interval (95%)				1.1 – 2.4	0.9 – 2.2	1.2 – 2.1				0.1 – 0.6	0.1 – 0.7	0.2 – 0.5
Lifetime Risk				1 in 622	1 in 722	1 in 671				1 in 3,410	1 in 2,006	1 in 2,506
PYLL										38	48	85
% of all cancers				0.4	0.5	0.4				0.3	0.4	0.3
Trend 2015–2019 (per annum)				6.1%	18.3%	10.3%				-12.7%	18.9%	-6.5%

Table A2.5 – Cancer of the Oropharynx

South Australia Year – 2019	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	1	2	1.9	1.9	1.9	0	0	0	0.0	0.0	0.0
45–49	4	1	5	7.1	1.7	4.4	0	0	0	0.0	0.0	0.0
50–54	2	0	2	3.7	0.0	1.8	0	0	0	0.0	0.0	0.0
55–59	6	1	7	10.7	1.7	6.1	2	0	2	3.6	0.0	1.7
60–64	15	0	15	29.1	0.0	14.1	1	0	1	1.9	0.0	0.9
65–69	16	0	16	34.4	0.0	16.6	1	0	1	2.2	0.0	1.0
70–74	5	1	6	12.1	2.3	7.0	3	1	4	7.3	2.3	4.7
75–79	0	0	0	0.0	0.0	0.0	1	2	3	3.6	6.4	5.1
80–84	1	1	2	5.3	4.3	4.8	0	0	0	0.0	0.0	0.0
85+	2	0	2	11.6	0.0	4.4	2	0	2	11.6	0.0	4.4
Total/Crude rate	52	5	57	6.0	0.6	3.3	10	3	13	1.2	0.3	0.7
AS Rate (Aust)				5.3	0.5	2.8				0.9	0.2	0.6
Confidence Interval (95%)				3.8 – 6.8	0.1 – 1.0	2.1 – 3.6				0.4 – 1.5	0.0 – 0.5	0.3 – 0.9
AS Rate (World)				3.7	0.4	2.0				0.6	0.1	0.4
Confidence Interval (95%)				2.7 – 4.8	0.1 – 0.7	1.5 – 2.5				0.2 – 0.9	0.0 – 0.3	0.2 – 0.5
Lifetime Risk				1 in 203	1 in 2616	1 in 385				1 in 1,340	1 in 8,795	1 in 2,375
PYLL										63	3	65
% of all cancers				0.8	0.1	0.5				0.5	0.2	0.3
Trend 2015–2019 (per annum)				7.3%	-2.6%	5.5%				3.9%	-7.0%	1.0%

Table A2.6 – Cancer of the Nasopharynx

South Australia Year – 2019	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	0.9	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	0	1	1.8	0.0	0.9	1	0	1	1.8	0.0	0.9
50–54	0	0	0	0.0	0.0	0.0	1	0	1	1.8	0.0	0.9
55–59	2	0	2	3.6	0.0	1.7	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	1	0	1	1.9	0.0	0.9
65–69	1	0	1	2.2	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	1	0	1	2.4	0.0	1.2	1	0	1	2.4	0.0	1.2
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	7	0	7	0.8	0.0	0.4	4	0	4	0.5	0.0	0.2
AS Rate (Aust)				0.8	0.0	0.4				0.4	0.0	0.2
Confidence Interval (95%)				0.2 – 1.3	0.0 – 0.0	0.1 – 0.7				0.0 – 0.9	0.0 – 0.0	0.0 – 0.4
AS Rate (World)				0.6	0.0	0.3				0.3	0.0	0.2
Confidence Interval (95%)				0.2 – 1.1	0.0 – 0.0	0.1 – 0.5				0.0 – 0.7	0.0 – 0.0	0.0 – 0.3
Lifetime Risk				1 in 1476	N/A	1 in 3010				1 in 2,507	N/A	1 in 5,130
PYLL										65	0	65
% of all cancers				0.1	0.0	0.1				0.2	0.0	0.1
Trend 2015–2019 (per annum)				-10.7%	4.9%	-8.2%				-3.6%	-17.3%	-5.1%

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 A2.7 – Cancer of the Hypopharynx

South Australia Year – 2019	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	3.7	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	1	2	1.9	1.8	1.9	0	0	0	0.0	0.0	0.0
65–69	2	0	2	4.3	0.0	2.1	2	1	3	4.3	2.0	3.1
70–74	3	0	3	7.3	0.0	3.5	1	0	1	2.4	0.0	1.2
75–79	0	0	0	0.0	0.0	0.0	1	0	1	3.6	0.0	1.7
80–84	0	0	0	0.0	0.0	0.0	1	0	1	5.3	0.0	2.4
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	8	1	9	0.9	0.1	0.5	5	1	6	0.6	0.1	0.3
AS Rate (Aust)				0.8	0.1	0.4				0.5	0.1	0.3
Confidence Interval (95%)				0.2 – 1.3	0.0 – 0.3	0.1 – 0.7				0.1 – 0.9	0.0 – 0.3	0.1 – 0.5
AS Rate (World)				0.6	0.1	0.3				0.3	0.1	0.2
Confidence Interval (95%)				0.2 – 0.9	0.0 – 0.2	0.1 – 0.5				0.1 – 0.5	0.0 – 0.2	0.0 – 0.3
Lifetime Risk				1 in 1163	1 in 10894	1 in 2154				1 in 2,971	1 in 10,006	1 in 4,670
PYLL										18	8	25
% of all cancers				0.1	0.0	0.1				0.2	0.1	0.2
Trend 2015–2019 (per annum)				-5.9%	2.7%	-4.2%				-15.0%	-25.5%	-16.7%

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

South Australia Year – 2019	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	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	1	0	1	2.4	0.0	1.2
75–79	0	0	0	0.0	0.0	0.0	1	1	2	3.6	3.2	3.4
80–84	0	1	1	0.0	4.3	2.4	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	2	3	0.1	0.2	0.2	2	1	3	0.2	0.1	0.2
AS Rate (Aust)				0.1	0.2	0.2				0.2	0.1	0.1
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.5	0.0 – 0.3				0.0 – 0.4	0.0 – 0.2	0.0 – 0.3
AS Rate (World)				0.1	0.1	0.1				0.1	0.0	0.1
Confidence Interval (95%)				0.0 – 0.2	0.0 – 0.3	0.0 – 0.2				0.0 – 0.2	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 11265	1 in 11254	1 in 11266				1 in 8,233	N/A	1 in 17,028
PYLL										3	0	3
% of all cancers				0.0	0.0	0.0				0.1	0.1	0.1
Trend 2015–2019 (per annum)				-14.5%	-9.3%	-12.8%				-9.8%	78.2%	-3.4%

Table A2.9 – Cancer of the Oesophagus

South Australia Year – 2019	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	1	1	0.0	1.8	0.9	1	0	1	1.8	0.0	0.9
40–44	0	0	0	0.0	0.0	0.0	3	1	4	5.8	1.9	3.8
45–49	5	0	5	8.9	0.0	4.4	2	0	2	3.5	0.0	1.8
50–54	3	0	3	5.5	0.0	2.7	0	0	0	0.0	0.0	0.0
55–59	9	2	11	16.0	3.4	9.6	7	1	8	12.4	1.7	7.0
60–64	12	5	17	23.3	9.2	16.0	8	2	10	15.5	3.7	9.4
65–69	14	5	19	30.1	10.0	19.7	11	4	15	23.7	8.0	15.5
70–74	21	4	25	51.0	9.1	29.4	17	5	22	41.3	11.4	25.8
75–79	14	6	20	50.4	19.1	33.8	12	4	16	43.2	12.7	27.0
80–84	17	3	20	90.9	13.0	47.8	8	2	10	42.8	8.6	23.9
85+	7	8	15	40.5	28.4	33.0	15	10	25	86.7	35.5	55.0
Total/Crude rate	104	34	138	12.0	3.8	7.9	84	29	113	9.7	3.3	6.5
AS Rate (Aust)				10.2	2.8	6.3				8.2	2.3	5.0
Confidence Interval (95%)				8.2 – 12.2	1.8 – 3.8	5.2 – 7.4				6.4 – 10.0	1.4 – 3.1	4.1 – 6.0
AS Rate (World)				6.5	1.7	4.0				5.0	1.3	3.1
Confidence Interval (95%)				5.3 – 7.7	1.1 – 2.3	3.4 – 4.7				4.0 – 6.1	0.8 – 1.8	2.5 – 3.6
Lifetime Risk				1 in 145	1 in 598	1 in 238				1 in 193	1 in 750	1 in 312
PYLL										538	118	655
% of all cancers				1.6	0.7	1.2				3.9	1.8	3.0
Trend 2015–2019 (per annum)				4.9%	7.7%	5.5%				2.2%	-2.1%	1.3%

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 A2.10 – Cancer of the Stomach

South Australia Year – 2019	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	1	1	0.0	1.7	0.9
30–34	1	0	1	1.7	0.0	0.9	1	0	1	1.7	0.0	0.9
35–39	0	0	0	0.0	0.0	0.0	1	0	1	1.8	0.0	0.9
40–44	0	2	2	0.0	3.8	1.9	2	1	3	3.8	1.9	2.9
45–49	3	2	5	5.3	3.5	4.4	3	0	3	5.3	0.0	2.6
50–54	3	4	7	5.5	7.1	6.3	3	2	5	5.5	3.6	4.5
55–59	10	3	13	17.8	5.1	11.3	7	2	9	12.4	3.4	7.8
60–64	13	6	19	25.2	11.0	17.9	12	1	13	23.3	1.8	12.3
65–69	15	3	18	32.3	6.0	18.7	11	4	15	23.7	8.0	15.5
70–74	27	9	36	65.6	20.5	42.3	14	1	15	34.0	2.3	17.6
75–79	17	6	23	61.2	19.1	38.8	5	7	12	18.0	22.3	20.3
80–84	23	8	31	123.0	34.5	74.0	10	6	16	53.5	25.9	38.2
85+	21	11	32	121.4	39.1	70.4	22	10	32	127.2	35.5	70.4
Total/Crude rate	133	54	187	15.4	6.1	10.7	91	35	126	10.5	3.9	7.2
AS Rate (Aust)				13.0	4.7	8.5				9.2	2.9	5.8
Confidence Interval (95%)				10.8 – 15.2	3.4 – 6.0	7.2 – 9.7				7.3 – 11.1	1.9 – 3.9	4.8 – 6.8
AS Rate (World)				7.7	3.0	5.1				5.5	1.8	3.5
Confidence Interval (95%)				6.5 – 8.9	2.1 – 3.8	4.4 – 5.9				4.4 – 6.7	1.2 – 2.3	2.9 – 4.1
Lifetime Risk				1 in 131	1 in 351	1 in 193				1 in 180	1 in 880	1 in 304
PYLL										685	205	890
% of all cancers				2.1	1.1	1.6				4.2	2.1	3.3
Trend 2015–2019 (per annum)				3.8%	-5.4%	0.1%				0.5%	-6.3%	-1.8%

Table A2.11 – Cancer of the Small intestine

South Australia Year – 2019	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	2	2	0.0	3.5	1.8	0	1	1	0.0	1.7	0.9
50–54	2	3	5	3.7	5.3	4.5	1	1	2	1.8	1.8	1.8
55–59	4	1	5	7.1	1.7	4.4	1	0	1	1.8	0.0	0.9
60–64	8	3	11	15.5	5.5	10.4	1	0	1	1.9	0.0	0.9
65–69	1	7	8	2.2	14.0	8.3	1	1	2	2.2	2.0	2.1
70–74	1	3	4	2.4	6.8	4.7	2	1	3	4.9	2.3	3.5
75–79	4	4	8	14.4	12.7	13.5	1	2	3	3.6	6.4	5.1
80–84	5	3	8	26.7	13.0	19.1	3	1	4	16.0	4.3	9.6
85+	2	1	3	11.6	3.6	6.6	4	3	7	23.1	10.7	15.4
Total/Crude rate	27	27	54	3.1	3.0	3.1	14	10	24	1.6	1.1	1.4
AS Rate (Aust)				2.8	2.5	2.6				1.4	0.8	1.1
Confidence Interval (95%)				1.7 – 3.9	1.5 – 3.4	1.9 – 3.3				0.7 – 2.2	0.3 – 1.4	0.6 – 1.5
AS Rate (World)				1.7	1.7	1.7				0.8	0.5	0.6
Confidence Interval (95%)				1.1 – 2.4	1.0 – 2.3	1.3 – 2.1				0.4 – 1.1	0.2 – 0.8	0.4 – 0.9
Lifetime Risk				1 in 648	1 in 543	1 in 589				1 in 1,593	1 in 2,568	1 in 1,982
PYLL										65	60	125
% of all cancers				0.4	0.6	0.5				0.6	0.6	0.6
Trend 2015–2019 (per annum)				-0.5%	-2.5%	-1.6%				6.1%	5.4%	5.2%

Table A2.12 – Cancer of the Colon and rectum

South Australia Year – 2019	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	1	2	1.9	2.0	1.9	0	0	0	0.0	0.0	0.0
20–24	2	1	3	3.3	1.8	2.6	0	0	0	0.0	0.0	0.0
25–29	1	2	3	1.7	3.4	2.6	1	0	1	1.7	0.0	0.9
30–34	5	6	11	8.6	10.1	9.4	3	2	5	5.2	3.4	4.3
35–39	14	15	29	25.0	26.4	25.7	3	1	4	5.4	1.8	3.5
40–44	4	11	15	7.7	21.1	14.4	1	1	2	1.9	1.9	1.9
45–49	22	21	43	39.0	36.5	37.8	3	3	6	5.3	5.2	5.3
50–54	40	35	75	73.5	62.2	67.7	11	6	17	20.2	10.7	15.4
55–59	46	28	74	81.7	48.0	64.5	8	5	13	14.2	8.6	11.3
60–64	73	59	132	141.6	108.3	124.5	20	10	30	38.8	18.4	28.3
65–69	95	73	168	204.4	145.9	174.1	21	17	38	45.2	34.0	39.4
70–74	102	87	189	247.8	197.8	222.0	27	12	39	65.6	27.3	45.8
75–79	85	63	148	306.1	200.3	249.9	23	18	41	82.8	57.2	69.2
80–84	62	81	143	331.6	349.7	341.6	29	24	53	155.1	103.6	126.6
85+	79	96	175	456.9	341.1	385.2	53	71	124	306.5	252.3	272.9
Total/Crude rate	631	579	1,210	72.9	65.3	69.1	203	170	373	23.5	19.2	21.3
AS Rate (Aust)				63.0	50.9	56.5				20.5	13.5	16.7
Confidence Interval (95%)				58.0 – 67.9	46.6 – 55.1	53.3 – 59.7				17.6 – 23.3	11.4 – 15.5	15.0 – 18.4
AS Rate (World)				40.7	33.3	36.8				11.8	7.4	9.5
Confidence Interval (95%)				37.7 – 43.8	30.6 – 36.1	34.8 – 38.9				10.3 – 13.4	6.3 – 8.5	8.5 – 10.4
Lifetime Risk				1 in 24	1 in 31	1 in 27				1 in 99	1 in 180	1 in 129
PYLL										1,265	743	2,008
% of all cancers				9.8	11.8	10.7				9.4	10.4	9.8
Trend 2015–2019 (per annum)				-4.2%	0.6%	-2.1%				-5.4%	-2.8%	-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 A2.13 – Cancer of the Anus, anal canal, anorectum

South Australia Year – 2019	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	0	2	2	0.0	3.5	1.8	0	0	0	0.0	0.0	0.0
50–54	2	3	5	3.7	5.3	4.5	0	0	0	0.0	0.0	0.0
55–59	2	5	7	3.6	8.6	6.1	1	4	5	1.8	6.9	4.4
60–64	0	7	7	0.0	12.9	6.6	1	0	1	1.9	0.0	0.9
65–69	1	3	4	2.2	6.0	4.1	1	1	2	2.2	2.0	2.1
70–74	2	2	4	4.9	4.5	4.7	2	0	2	4.9	0.0	2.3
75–79	0	3	3	0.0	9.5	5.1	1	1	2	3.6	3.2	3.4
80–84	0	3	3	0.0	13.0	7.2	1	0	1	5.3	0.0	2.4
85+	2	2	4	11.6	7.1	8.8	2	4	6	11.6	14.2	13.2
Total/Crude rate	9	31	40	1.0	3.5	2.3	9	10	19	1.0	1.1	1.1
AS Rate (Aust)				0.9	3.0	2.0				0.9	0.8	0.8
Confidence Interval (95%)				0.3 – 1.5	1.9 – 4.1	1.4 – 2.6				0.3 – 1.4	0.3 – 1.4	0.5 – 1.2
AS Rate (World)				0.6	2.1	1.4				0.5	0.5	0.5
Confidence Interval (95%)				0.2 – 1.0	1.3 – 2.8	0.9 – 1.8				0.2 – 0.8	0.2 – 0.8	0.3 – 0.7
Lifetime Risk				1 in 1406	1 in 469	1 in 695				1 in 1,865	1 in 2,259	1 in 2,057
PYLL										43	78	120
% of all cancers				0.1	0.6	0.4				0.4	0.6	0.5
Trend 2015–2019 (per annum)				1.1%	28.4%	18.1%				127.9%	50.6%	75.4%

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

South Australia Year – 2019	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	0.9	2	0	2	3.4	0.0	1.7
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	2	3	1.8	3.5	2.6	3	3	6	5.3	5.2	5.3
50–54	6	3	9	11.0	5.3	8.1	5	1	6	9.2	1.8	5.4
55–59	8	6	14	14.2	10.3	12.2	4	2	6	7.1	3.4	5.2
60–64	18	5	23	34.9	9.2	21.7	11	5	16	21.3	9.2	15.1
65–69	14	6	20	30.1	12.0	20.7	8	2	10	17.2	4.0	10.4
70–74	22	7	29	53.4	15.9	34.1	12	4	16	29.2	9.1	18.8
75–79	19	8	27	68.4	25.4	45.6	8	3	11	28.8	9.5	18.6
80–84	12	8	20	64.2	34.5	47.8	13	8	21	69.5	34.5	50.2
85+	13	8	21	75.2	28.4	46.2	11	9	20	63.6	32.0	44.0
Total/Crude rate	115	54	169	13.3	6.1	9.6	77	37	114	8.9	4.2	6.5
AS Rate (Aust)				11.3	4.7	7.8				7.8	3.2	5.3
Confidence Interval (95%)				9.2 – 13.4	3.4 – 6.0	6.6 – 8.9				6.0 – 9.5	2.1 – 4.2	4.3 – 6.3
AS Rate (World)				7.0	3.0	4.9				4.8	1.9	3.3
Confidence Interval (95%)				5.8 – 8.3	2.2 – 3.8	4.2 – 5.6				3.8 – 5.8	1.2 – 2.5	2.7 – 3.8
Lifetime Risk				1 in 134	1 in 346	1 in 196				1 in 216	1 in 612	1 in 324
PYLL										578	228	805
% of all cancers				1.8	1.1	1.5				3.6	2.3	3.0
Trend 2015–2019 (per annum)				-5.2%	12.7%	-1.5%				-5.0%	-0.8%	-3.9%

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

South Australia Year – 2019	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	3.5	1.8	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	1	3	3.7	1.8	2.7	0	1	1	0.0	1.8	0.9
55–59	3	6	9	5.3	10.3	7.8	3	2	5	5.3	3.4	4.4
60–64	6	5	11	11.6	9.2	10.4	1	5	6	1.9	9.2	5.7
65–69	4	5	9	8.6	10.0	9.3	3	4	7	6.5	8.0	7.3
70–74	6	5	11	14.6	11.4	12.9	4	4	8	9.7	9.1	9.4
75–79	2	4	6	7.2	12.7	10.1	7	3	10	25.2	9.5	16.9
80–84	7	9	16	37.4	38.9	38.2	8	9	17	42.8	38.9	40.6
85+	5	6	11	28.9	21.3	24.2	6	12	18	34.7	42.6	39.6
Total/Crude rate	35	43	78	4.0	4.9	4.5	32	40	72	3.7	4.5	4.1
AS Rate (Aust)				3.5	3.8	3.6				3.1	3.2	3.2
Confidence Interval (95%)				2.3 – 4.7	2.6 – 4.9	2.8 – 4.4				2.0 – 4.2	2.2 – 4.3	2.5 – 3.9
AS Rate (World)				2.1	2.4	2.2				1.7	1.8	1.7
Confidence Interval (95%)				1.4 – 2.7	1.7 – 3.1	1.8 – 2.7				1.2 – 2.2	1.2 – 2.3	1.4 – 2.1
Lifetime Risk				1 in 457	1 in 434	1 in 445				1 in 854	1 in 636	1 in 726
PYLL										98	160	258
% of all cancers				0.5	0.9	0.7				1.5	2.4	1.9
Trend 2015–2019 (per annum)				-4.4%	0.5%	-2.0%				-6.1%	5.9%	-0.1%

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 A2.16 – Cancer of the Pancreas

South Australia Year – 2019	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	2.0	1.0	0	0	0	0.0	0.0	0.0
15–19	2	0	2	3.8	0.0	1.9	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	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	1	0	1	1.7	0.0	0.9
35–39	1	0	1	1.8	0.0	0.9	0	1	1	0.0	1.8	0.9
40–44	0	2	2	0.0	3.8	1.9	0	0	0	0.0	0.0	0.0
45–49	4	3	7	7.1	5.2	6.1	2	3	5	3.5	5.2	4.4
50–54	9	3	12	16.5	5.3	10.8	3	2	5	5.5	3.6	4.5
55–59	14	9	23	24.9	15.4	20.1	13	5	18	23.1	8.6	15.7
60–64	11	17	28	21.3	31.2	26.4	10	8	18	19.4	14.7	17.0
65–69	20	19	39	43.0	38.0	40.4	21	16	37	45.2	32.0	38.3
70–74	28	24	52	68.0	54.6	61.1	22	25	47	53.4	56.9	55.2
75–79	25	21	46	90.0	66.8	77.7	15	23	38	54.0	73.1	64.2
80–84	21	26	47	112.3	112.2	112.3	25	17	42	133.7	73.4	100.3
85+	25	27	52	144.6	95.9	114.4	36	30	66	208.2	106.6	145.3
Total/Crude rate	160	152	312	18.5	17.2	17.8	148	130	278	17.1	14.7	15.9
AS Rate (Aust)				15.8	12.8	14.1				14.6	10.5	12.2
Confidence Interval (95%)				13.3 – 18.2	10.7 – 14.8	12.5 – 15.7				12.2 – 17.0	8.6 – 12.3	10.8 – 13.7
AS Rate (World)				9.7	7.8	8.7				8.2	6.2	7.1
Confidence Interval (95%)				8.3 – 11.2	6.6 – 9.1	7.8 – 9.7				7.0 – 9.4	5.1 – 7.2	6.3 – 7.9
Lifetime Risk				1 in 108	1 in 129	1 in 118				1 in 132	1 in 164	1 in 147
PYLL										730	535	1,265
% of all cancers				2.5	3.1	2.7				6.8	7.9	7.3
Trend 2015–2019 (per annum)				-1.5%	3.2%	0.5%				-0.8%	1.7%	0.1%

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

South Australia Year – 2019	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	1.7	0.9	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.8	0.9	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	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	1	1	0.0	2.0	1.0
70–74	1	0	1	2.4	0.0	1.2	0	1	1	0.0	2.3	1.2
75–79	0	4	4	0.0	12.7	6.8	0	0	0	0.0	0.0	0.0
80–84	1	0	1	5.3	0.0	2.4	0	1	1	0.0	4.3	2.4
85+	2	0	2	11.6	0.0	4.4	1	0	1	5.8	0.0	2.2
Total/Crude rate	6	7	13	0.7	0.8	0.7	2	3	5	0.2	0.3	0.3
AS Rate (Aust)				0.6	0.6	0.6				0.2	0.2	0.2
Confidence Interval (95%)				0.1 – 1.1	0.2 – 1.1	0.3 – 0.9				0.0 – 0.5	0.0 – 0.5	0.0 – 0.4
AS Rate (World)				0.3	0.5	0.4				0.1	0.1	0.1
Confidence Interval (95%)				0.1 – 0.6	0.1 – 0.8	0.2 – 0.6				0.0 – 0.3	0.0 – 0.3	0.0 – 0.3
Lifetime Risk				1 in 3256	1 in 3628	1 in 3445				1 in 10,891	1 in 4,681	1 in 6,423
PYLL										23	10	33
% of all cancers				0.1	0.1	0.1				0.1	0.2	0.1
Trend 2015–2019 (per annum)				-11.0%	16.0%	-2.2%				-8.2%	2.0%	-5.6%

Table A2.18 – Cancer of the Larynx

South Australia Year – 2019	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	4	0	4	7.3	0.0	3.6	0	0	0	0.0	0.0	0.0
55–59	1	3	4	1.8	5.1	3.5	1	0	1	1.8	0.0	0.9
60–64	4	0	4	7.8	0.0	3.8	1	0	1	1.9	0.0	0.9
65–69	1	1	2	2.2	2.0	2.1	2	0	2	4.3	0.0	2.1
70–74	4	0	4	9.7	0.0	4.7	5	0	5	12.1	0.0	5.9
75–79	7	0	7	25.2	0.0	11.8	3	0	3	10.8	0.0	5.1
80–84	5	0	5	26.7	0.0	11.9	3	0	3	16.0	0.0	7.2
85+	2	1	3	11.6	3.6	6.6	1	1	2	5.8	3.6	4.4
Total/Crude rate	28	5	33	3.2	0.6	1.9	16	1	17	1.8	0.1	1.0
AS Rate (Aust)				2.8	0.5	1.6				1.5	0.1	0.7
Confidence Interval (95%)				1.8 – 3.9	0.1 – 0.9	1.0 – 2.1				0.8 – 2.2	0.0 – 0.2	0.4 – 1.1
AS Rate (World)				1.7	0.3	1.0				0.9	0.0	0.4
Confidence Interval (95%)				1.1 – 2.3	0.1 – 0.6	0.7 – 1.3				0.5 – 1.3	0.0 – 0.1	0.2 – 0.6
Lifetime Risk				1 in 696	1 in 2801	1 in 1134				1 in 992	N/A	1 in 2,050
PYLL										58	0	58
% of all cancers				0.4	0.1	0.3				0.7	0.1	0.4
Trend 2015–2019 (per annum)				-7.0%	-14.2%	-8.7%				3.6%	-14.6%	-2.1%

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

South Australia Year – 2019	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	1	1	0.0	1.8	0.9	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	2	0	2	3.4	0.0	1.7	1	0	1	1.7	0.0	0.9
35–39	1	0	1	1.8	0.0	0.9	0	1	1	0.0	1.8	0.9
40–44	3	4	7	5.8	7.7	6.7	2	0	2	3.8	0.0	1.9
45–49	7	8	15	12.4	13.9	13.2	5	4	9	8.9	7.0	7.9
50–54	26	18	44	47.7	32.0	39.7	8	8	16	14.7	14.2	14.5
55–59	46	39	85	81.7	66.8	74.1	22	15	37	39.1	25.7	32.3
60–64	61	49	110	118.3	90.0	103.7	38	26	64	73.7	47.7	60.4
65–69	65	78	143	139.8	155.9	148.2	49	38	87	105.4	76.0	90.1
70–74	110	68	178	267.2	154.6	209.1	84	49	133	204.1	111.4	156.2
75–79	109	77	186	392.6	244.8	314.1	78	53	131	280.9	168.5	221.2
80–84	86	51	137	459.9	220.2	327.2	71	32	103	379.7	138.1	246.0
85+	81	63	144	468.4	223.8	316.9	73	74	147	422.2	262.9	323.5
Total/Crude rate	599	457	1,056	69.2	51.6	60.3	431	300	731	49.8	33.9	41.7
AS Rate (Aust)				58.5	39.1	47.8				41.7	24.3	32.2
Confidence Interval (95%)				53.8 – 63.2	35.4 – 42.7	44.9 – 50.7				37.7 – 45.6	21.5 – 27.1	29.8 – 34.6
AS Rate (World)				35.4	24.9	29.7				24.0	14.3	18.8
Confidence Interval (95%)				32.8 – 38.0	22.6 – 27.1	28.0 – 31.4				22.0 – 26.1	12.7 – 15.9	17.6 – 20.1
Lifetime Risk				1 in 30	1 in 39	1 in 34				1 in 45	1 in 71	1 in 55
PYLL										1,863	1,323	3,185
% of all cancers				9.3	9.3	9.3				19.9	18.3	19.2
Trend 2015–2019 (per annum)				2.1%	-0.8%	0.9%				0.1%	-2.6%	-0.8%

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

South Australia Year – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	1.9	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	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	1	1	0.0	1.7	0.9
60–64	0	1	1	0.0	1.8	0.9	5	1	6	9.7	1.8	5.7
65–69	2	1	3	4.3	2.0	3.1	2	1	3	4.3	2.0	3.1
70–74	13	1	14	31.6	2.3	16.4	9	0	9	21.9	0.0	10.6
75–79	18	3	21	64.8	9.5	35.5	13	5	18	46.8	15.9	30.4
80–84	8	3	11	42.8	13.0	26.3	12	5	17	64.2	21.6	40.6
85+	8	3	11	46.3	10.7	24.2	10	4	14	57.8	14.2	30.8
Total/Crude rate	51	12	63	5.9	1.4	3.6	51	17	68	5.9	1.9	3.9
AS Rate (Aust)				4.8	0.9	2.7				4.9	1.4	3.0
Confidence Interval (95%)				3.4 – 6.1	0.4 – 1.5	2.0 – 3.4				3.6 – 6.3	0.7 – 2.0	2.3 – 3.7
AS Rate (World)				2.8	0.5	1.6				2.6	0.7	1.6
Confidence Interval (95%)				2.1 – 3.4	0.3 – 0.8	1.2 – 1.9				2.0 – 3.2	0.4 – 1.0	1.3 – 1.9
Lifetime Risk				1 in 504	1 in 3274	1 in 891				1 in 558	1 in 3,605	1 in 990
PYLL										100	38	138
% of all cancers				0.8	0.2	0.6				2.4	1.0	1.8
Trend 2015–2019 (per annum)				1.4%	4.4%	2.6%				2.6%	8.7%	4.7%

Table A2.21 – Cancer of the Thymus

South Australia Year – 2019	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	1.8	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	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	1	1	2	1.9	1.8	1.9	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.2	0.0	1.0	1	0	1	2.2	0.0	1.0
70–74	0	2	2	0.0	4.5	2.3	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	1	1	0.0	3.2	1.7
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	3.6	2.2	0	1	1	0.0	3.6	2.2
Total/Crude rate	4	5	9	0.5	0.6	0.5	1	2	3	0.1	0.2	0.2
AS Rate (Aust)				0.4	0.4	0.4				0.1	0.1	0.1
Confidence Interval (95%)				0.0 – 0.9	0.0 – 0.8	0.1 – 0.7				0.0 – 0.3	0.0 – 0.3	0.0 – 0.3
AS Rate (World)				0.4	0.3	0.3				0.1	0.1	0.1
Confidence Interval (95%)				0.0 – 0.7	0.0 – 0.5	0.1 – 0.5				0.0 – 0.2	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 2593	1 in 2470	1 in 2522				1 in 9,297	N/A	1 in 19,302
PYLL										8	0	8
% of all cancers				0.1	0.1	0.1				0.0	0.1	0.1
Trend 2015–2019 (per annum)				-3.4%	-5.7%	-3.7%				6.2%	23.7%	14.7%

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

South Australia Year – 2019	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	2.0	1.0	0	0	0	0.0	0.0	0.0
15–19	0	2	2	0.0	4.0	1.9	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	0	1	1	0.0	1.7	0.9	1	0	1	1.7	0.0	0.9
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	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	1	1	2	1.8	1.7	1.7	0	1	1	0.0	1.7	0.9
60–64	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.2	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	1	1	2	2.4	2.3	2.3	0	0	0	0.0	0.0	0.0
75–79	0	1	1	0.0	3.2	1.7	0	1	1	0.0	3.2	1.7
80–84	0	1	1	0.0	4.3	2.4	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	1	1	0.0	3.6	2.2
Total/Crude rate	3	9	12	0.3	1.0	0.7	2	3	5	0.2	0.3	0.3
AS Rate (Aust)				0.3	1.0	0.6				0.3	0.2	0.3
Confidence Interval (95%)				0.0 – 0.6	0.3 – 1.6	0.3 – 1.0				0.0 – 0.6	0.0 – 0.5	0.0 – 0.5
AS Rate (World)				0.2	0.9	0.6				0.3	0.1	0.2
Confidence Interval (95%)				0.0 – 0.4	0.2 – 1.6	0.2 – 0.9				0.0 – 0.6	0.0 – 0.3	0.0 – 0.4
Lifetime Risk				1 in 3147	1 in 1480	1 in 2032				1 in 5,504	1 in 11,670	1 in 7,430
PYLL										80	18	98
% of all cancers				0.0	0.2	0.1				0.1	0.2	0.1
Trend 2015–2019 (per annum)				-16.5%	-1.5%	-10.5%				-16.0%	46.3%	-3.1%

Table A2.23 – Melanoma of skin

South Australia Year – 2019	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	2	6	8	3.3	10.7	6.9	0	0	0	0.0	0.0	0.0
25–29	3	4	7	5.1	6.9	6.0	0	0	0	0.0	0.0	0.0
30–34	11	9	20	18.9	15.2	17.0	0	0	0	0.0	0.0	0.0
35–39	7	5	12	12.5	8.8	10.6	0	0	0	0.0	0.0	0.0
40–44	16	12	28	30.8	23.0	26.9	1	0	1	1.9	0.0	1.0
45–49	20	22	42	35.5	38.2	36.9	0	0	0	0.0	0.0	0.0
50–54	33	21	54	60.6	37.3	48.8	1	0	1	1.8	0.0	0.9
55–59	43	44	87	76.3	75.4	75.9	2	0	2	3.6	0.0	1.7
60–64	63	33	96	122.2	60.6	90.5	3	0	3	5.8	0.0	2.8
65–69	69	31	100	148.4	62.0	103.6	6	1	7	12.9	2.0	7.3
70–74	98	48	146	238.1	109.2	171.5	1	1	2	2.4	2.3	2.3
75–79	65	40	105	234.1	127.2	177.3	12	2	14	43.2	6.4	23.6
80–84	45	30	75	240.6	129.5	179.1	7	3	10	37.4	13.0	23.9
85+	49	49	98	283.4	174.1	215.7	10	10	20	57.8	35.5	44.0
Total/Crude rate	524	355	879	60.5	40.1	50.2	43	17	60	5.0	1.9	3.4
AS Rate (Aust)				52.6	32.8	42.1				4.3	1.2	2.6
Confidence Interval (95%)				48.1 – 57.2	29.3 – 36.3	39.2 – 44.9				3.0 – 5.6	0.6 – 1.8	2.0 – 3.3
AS Rate (World)				35.6	23.3	29.1				2.4	0.5	1.4
Confidence Interval (95%)				32.6 – 38.5	20.8 – 25.8	27.2 – 31.0				1.7 – 3.0	0.3 – 0.8	1.1 – 1.7
Lifetime Risk				1 in 27	1 in 45	1 in 34				1 in 703	1 in 4,681	1 in 1,247
PYLL										175	10	185
% of all cancers				8.1	7.2	7.7				2.0	1.0	1.6
Trend 2015–2019 (per annum)				0.4%	1.3%	0.9%				-7.6%	-10.0%	-8.0%

Table A2.24 – Cancer of the Skin of lip

South Australia Year – 2019	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	3	1	4	5.8	1.9	3.8	0	0	0	0.0	0.0	0.0
45–49	4	0	4	7.1	0.0	3.5	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	4	1	5	7.1	1.7	4.4	0	0	0	0.0	0.0	0.0
60–64	6	0	6	11.6	0.0	5.7	0	0	0	0.0	0.0	0.0
65–69	8	3	11	17.2	6.0	11.4	0	0	0	0.0	0.0	0.0
70–74	5	4	9	12.1	9.1	10.6	0	0	0	0.0	0.0	0.0
75–79	1	2	3	3.6	6.4	5.1	0	0	0	0.0	0.0	0.0
80–84	6	1	7	32.1	4.3	16.7	0	0	0	0.0	0.0	0.0
85+	2	5	7	11.6	17.8	15.4	0	0	0	0.0	0.0	0.0
Total/Crude rate	40	17	57	4.6	1.9	3.3	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				4.2	1.4	2.7				0.0	0.0	0.0
Confidence Interval (95%)				2.9 – 5.5	0.7 – 2.0	2.0 – 3.4				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				2.9	0.8	1.8				0.0	0.0	0.0
Confidence Interval (95%)				2.0 – 3.7	0.4 – 1.2	1.3 – 2.3				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 319	1 in 1068	1 in 497				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.6	0.3	0.5				0.0	0.0	0.0
Trend 2015–2019 (per annum)				-3.1%	2.9%	-1.1%				-0.9%	-20.5%	-15.2%

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

South Australia Year – 2019	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	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	1	2	3	1.9	3.7	2.8	1	0	1	1.9	0.0	0.9
65–69	1	0	1	2.2	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	1	1	2	2.4	2.3	2.3	0	0	0	0.0	0.0	0.0
75–79	1	0	1	3.6	0.0	1.7	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	5	3	8	0.6	0.3	0.5	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.5	0.3	0.4				0.1	0.0	0.1
Confidence Interval (95%)				0.1 – 0.9	0.0 – 0.6	0.1 – 0.6				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2
AS Rate (World)				0.3	0.2	0.3				0.1	0.0	0.0
Confidence Interval (95%)				0.1 – 0.6	0.0 – 0.4	0.1 – 0.4				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 2411	1 in 3364	1 in 2823				1 in 10,314	N/A	1 in 21,208
PYLL										13	0	13
% of all cancers				0.1	0.1	0.1				0.0	0.0	0.0
Trend 2015–2019 (per annum)				19.9%	12.2%	15.2%				undefined	-21.0%	-5.1%

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

South Australia Year – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	1	2	1.9	2.1	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	3	2	5	5.7	4.0	4.9	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	1	0	1	1.7	0.0	0.9
30–34	1	2	3	1.7	3.4	2.6	0	0	0	0.0	0.0	0.0
35–39	2	3	5	3.6	5.3	4.4	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	2	3	1.8	3.5	2.6	1	0	1	1.8	0.0	0.9
50–54	6	3	9	11.0	5.3	8.1	0	0	0	0.0	0.0	0.0
55–59	5	3	8	8.9	5.1	7.0	0	3	3	0.0	5.1	2.6
60–64	5	3	8	9.7	5.5	7.5	0	0	0	0.0	0.0	0.0
65–69	8	2	10	17.2	4.0	10.4	0	0	0	0.0	0.0	0.0
70–74	17	8	25	41.3	18.2	29.4	1	0	1	2.4	0.0	1.2
75–79	11	5	16	39.6	15.9	27.0	3	3	6	10.8	9.5	10.1
80–84	9	6	15	48.1	25.9	35.8	1	4	5	5.3	17.3	11.9
85+	20	8	28	115.7	28.4	61.6	7	4	11	40.5	14.2	24.2
Total/Crude rate	92	48	140	10.6	5.4	8.0	14	14	28	1.6	1.6	1.6
AS Rate (Aust)				9.3	4.4	6.6				1.4	1.1	1.2
Confidence Interval (95%)				7.4 – 11.2	3.1 – 5.7	5.5 – 7.7				0.7 – 2.2	0.5 – 1.8	0.8 – 1.7
AS Rate (World)				6.1	3.3	4.6				0.7	0.6	0.7
Confidence Interval (95%)				4.8 – 7.3	2.3 – 4.3	3.7 – 5.4				0.3 – 1.2	0.3 – 0.9	0.4 – 0.9
Lifetime Risk				1 in 185	1 in 355	1 in 245				1 in 3,383	1 in 3,890	1 in 3,619
PYLL										78	53	130
% of all cancers				1.4	1.0	1.2				0.6	0.9	0.7
Trend 2015–2019 (per annum)				1.2%	2.6%	1.5%				-7.1%	3.5%	-3.4%

Table A2.27 – Cancer of Retroperitoneum and peritoneum

South Australia Year – 2019	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	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	0	3	3	0.0	5.3	2.7	0	1	1	0.0	1.8	0.9
55–59	0	2	2	0.0	3.4	1.7	0	2	2	0.0	3.4	1.7
60–64	0	2	2	0.0	3.7	1.9	0	1	1	0.0	1.8	0.9
65–69	1	4	5	2.2	8.0	5.2	0	2	2	0.0	4.0	2.1
70–74	0	3	3	0.0	6.8	3.5	0	5	5	0.0	11.4	5.9
75–79	2	3	5	7.2	9.5	8.4	2	2	4	7.2	6.4	6.8
80–84	0	4	4	0.0	17.3	9.6	0	6	6	0.0	25.9	14.3
85+	0	2	2	0.0	7.1	4.4	1	4	5	5.8	14.2	11.0
Total/Crude rate	5	23	28	0.6	2.6	1.6	3	23	26	0.3	2.6	1.5
AS Rate (Aust)				0.5	2.0	1.3				0.3	1.9	1.1
Confidence Interval (95%)				0.1 – 1.0	1.2 – 2.9	0.8 – 1.8				0.0 – 0.6	1.1 – 2.7	0.7 – 1.6
AS Rate (World)				0.4	1.3	0.9				0.1	1.1	0.7
Confidence Interval (95%)				0.1 – 0.8	0.8 – 1.8	0.6 – 1.2				0.0 – 0.3	0.7 – 1.5	0.4 – 0.9
Lifetime Risk				1 in 3419	1 in 734	1 in 1185				N/A	1 in 893	1 in 1,734
PYLL										0	98	98
% of all cancers				0.1	0.5	0.2				0.1	1.4	0.7
Trend 2015–2019 (per annum)				-12.1%	-4.4%	-7.0%				-4.9%	-9.4%	-8.7%

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 A2.28 – Cancer of the Female breast

South Australia Year – 2019	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	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
30–34	0	17	17	0.0	28.7	14.5	0	0	0	0.0	0.0	0.0
35–39	0	35	35	0.0	61.5	31.0	0	3	3	0.0	5.3	2.7
40–44	0	72	72	0.0	138.3	69.2	0	1	1	0.0	1.9	1.0
45–49	0	106	106	0.0	184.2	93.1	0	12	12	0.0	20.9	10.5
50–54	0	133	133	0.0	236.4	120.1	0	10	10	0.0	17.8	9.0
55–59	0	152	152	0.0	260.5	132.6	0	19	19	0.0	32.6	16.6
60–64	0	192	192	0.0	352.5	181.1	0	17	17	0.0	31.2	16.0
65–69	0	195	195	0.0	389.8	202.1	0	33	33	0.0	66.0	34.2
70–74	0	231	231	0.0	525.3	271.3	0	24	24	0.0	54.6	28.2
75–79	0	109	109	0.0	346.6	184.1	0	21	21	0.0	66.8	35.5
80–84	0	90	90	0.0	388.5	215.0	0	25	25	0.0	107.9	59.7
85+	0	82	82	0.0	291.4	180.5	0	57	57	0.0	202.5	125.5
Total/Crude rate	0	1,416	1,416	0.0	159.8	80.8	0	222	222	0.0	25.0	12.7
AS Rate (Aust)				0.0	135.3	70.2				0.0	18.9	10.2
Confidence Interval (95%)				0.0 – 0.0	128.1 – 142.5	66.5 – 73.9				0.0 – 0.0	16.3 – 21.4	8.8 – 11.5
AS Rate (World)				0.0	98.6	50.7				0.0	11.7	6.2
Confidence Interval (95%)				0.0 – 0.0	93.4 – 103.7	48.1 – 53.3				0.0 – 0.0	10.2 – 13.3	5.4 – 7.0
Lifetime Risk				N/A	1 in 10	1 in 18				N/A	1 in 87	1 in 170
PYLL										0	1,553	1,553
% of all cancers				0.0	28.9	12.5				0.0	13.5	5.8
Trend 2015–2019 (per annum)				0.0%	0.2%	0.2%				0.0%	-5.0%	-5.0%

Table A2.29 – Cancer of the Male breast

South Australia Year – 2019	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	1.8	0.0	0.9	1	0	1	1.8	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	2	0	2	3.5	0.0	1.8	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	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	3	0	3	5.8	0.0	2.8	0	0	0	0.0	0.0	0.0
65–69	2	0	2	4.3	0.0	2.1	0	0	0	0.0	0.0	0.0
70–74	2	0	2	4.9	0.0	2.3	0	0	0	0.0	0.0	0.0
75–79	2	0	2	7.2	0.0	3.4	1	0	1	3.6	0.0	1.7
80–84	1	0	1	5.3	0.0	2.4	1	0	1	5.3	0.0	2.4
85+	2	0	2	11.6	0.0	4.4	1	0	1	5.8	0.0	2.2
Total/Crude rate	16	0	16	1.8	0.0	0.9	4	0	4	0.5	0.0	0.2
AS Rate (Aust)				1.7	0.0	0.8				0.4	0.0	0.2
Confidence Interval (95%)				0.8 – 2.5	0.0 – 0.0	0.4 – 1.2				0.0 – 0.8	0.0 – 0.0	0.0 – 0.4
AS Rate (World)				1.1	0.0	0.5				0.3	0.0	0.1
Confidence Interval (95%)				0.6 – 1.7	0.0 – 0.0	0.3 – 0.8				0.0 – 0.5	0.0 – 0.0	0.0 – 0.2
Lifetime Risk				1 in 903	N/A	1 in 1853				1 in 11,192	N/A	1 in 22,571
PYLL										38	0	38
% of all cancers				0.2	0.0	0.1				0.2	0.0	0.1
Trend 2015–2019 (per annum)				32.2%	0.0%	32.8%				140.7%	0.0%	144.0%

Table A2.30 – Cancer of the Vulva

South Australia Year – 2019	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	1.7	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	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	6	6	0.0	11.0	5.7	0	0	0	0.0	0.0	0.0
65–69	0	3	3	0.0	6.0	3.1	0	1	1	0.0	2.0	1.0
70–74	0	5	5	0.0	11.4	5.9	0	4	4	0.0	9.1	4.7
75–79	0	2	2	0.0	6.4	3.4	0	1	1	0.0	3.2	1.7
80–84	0	4	4	0.0	17.3	9.6	0	1	1	0.0	4.3	2.4
85+	0	8	8	0.0	28.4	17.6	0	7	7	0.0	24.9	15.4
Total/Crude rate	0	33	33	0.0	3.7	1.9	0	14	14	0.0	1.6	0.8
AS Rate (Aust)				0.0	2.8	1.5				0.0	1.0	0.6
Confidence Interval (95%)				0.0 – 0.0	1.8 – 3.8	1.0 – 2.0				0.0 – 0.0	0.5 – 1.5	0.3 – 0.9
AS Rate (World)				0.0	1.7	0.9				0.0	0.5	0.3
Confidence Interval (95%)				0.0 – 0.0	1.1 – 2.3	0.6 – 1.2				0.0 – 0.0	0.3 – 0.7	0.1 – 0.4
Lifetime Risk				N/A	1 in 539	1 in 1048				N/A	1 in 1,803	1 in 3,488
PYLL										0	18	18
% of all cancers				0.0	0.7	0.3				0.0	0.9	0.4
Trend 2015–2019 (per annum)				0.0%	1.0%	0.8%				0.0%	33.1%	34.6%

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 A2.31 – Cancer of the Vagina

South Australia Year – 2019	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	1	1	0.0	1.9	1.0
45–49	0	1	1	0.0	1.7	0.9	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	1	1	0.0	1.8	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	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	1	1	0.0	3.2	1.7
80–84	0	1	1	0.0	4.3	2.4	0	1	1	0.0	4.3	2.4
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	0	5	5	0.0	0.6	0.3	0	3	3	0.0	0.3	0.2
AS Rate (Aust)				0.0	0.5	0.3				0.0	0.3	0.2
Confidence Interval (95%)				0.0 – 0.0	0.1 – 1.0	0.0 – 0.5				0.0 – 0.0	0.0 – 0.7	0.0 – 0.3
AS Rate (World)				0.0	0.4	0.2				0.0	0.2	0.1
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.7	0.0 – 0.4				0.0 – 0.0	0.0 – 0.5	0.0 – 0.2
Lifetime Risk				N/A	1 in 2722	1 in 5319				N/A	1 in 10,415	1 in 20,807
PYLL										0	33	33
% of all cancers				0.0	0.1	0.0				0.0	0.2	0.1
Trend 2015–2019 (per annum)				0.0%	-11.2%	-11.4%				0.0%	17.1%	17.5%

Table A2.32 – Cancer of the Cervix uteri

South Australia Year – 2019	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	5	5	0.0	8.6	4.3	0	0	0	0.0	0.0	0.0
30–34	0	7	7	0.0	11.8	6.0	0	1	1	0.0	1.7	0.9
35–39	0	17	17	0.0	29.9	15.1	0	1	1	0.0	1.8	0.9
40–44	0	11	11	0.0	21.1	10.6	0	3	3	0.0	5.8	2.9
45–49	0	12	12	0.0	20.9	10.5	0	3	3	0.0	5.2	2.6
50–54	0	6	6	0.0	10.7	5.4	0	1	1	0.0	1.8	0.9
55–59	0	3	3	0.0	5.1	2.6	0	1	1	0.0	1.7	0.9
60–64	0	8	8	0.0	14.7	7.5	0	3	3	0.0	5.5	2.8
65–69	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
70–74	0	2	2	0.0	4.5	2.3	0	0	0	0.0	0.0	0.0
75–79	0	1	1	0.0	3.2	1.7	0	1	1	0.0	3.2	1.7
80–84	0	0	0	0.0	0.0	0.0	0	1	1	0.0	4.3	2.4
85+	0	2	2	0.0	7.1	4.4	0	1	1	0.0	3.6	2.2
Total/Crude rate	0	75	75	0.0	8.5	4.3	0	16	16	0.0	1.8	0.9
AS Rate (Aust)				0.0	8.8	4.5				0.0	1.8	0.9
Confidence Interval (95%)				0.0 – 0.0	6.8 – 10.8	3.4 – 5.5				0.0 – 0.0	0.9 – 2.6	0.5 – 1.4
AS Rate (World)				0.0	8.0	4.0				0.0	1.4	0.7
Confidence Interval (95%)				0.0 – 0.0	6.3 – 9.7	3.2 – 4.9				0.0 – 0.0	0.7 – 2.1	0.4 – 1.1
Lifetime Risk				N/A	1 in 155	1 in 306				N/A	1 in 854	1 in 1,687
PYLL										0	338	338
% of all cancers				0.0	1.5	0.7				0.0	1.0	0.4
Trend 2015–2019 (per annum)				0.0%	15.1%	14.9%				0.0%	12.2%	11.0%

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

South Australia Year – 2019	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	4	4	0.0	6.8	3.4	0	0	0	0.0	0.0	0.0
35–39	0	5	5	0.0	8.8	4.4	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	0	11	11	0.0	19.1	9.7	0	1	1	0.0	1.7	0.9
50–54	0	10	10	0.0	17.8	9.0	0	0	0	0.0	0.0	0.0
55–59	0	29	29	0.0	49.7	25.3	0	0	0	0.0	0.0	0.0
60–64	0	31	31	0.0	56.9	29.2	0	4	4	0.0	7.3	3.8
65–69	0	40	40	0.0	80.0	41.4	0	5	5	0.0	10.0	5.2
70–74	0	43	43	0.0	97.8	50.5	0	15	15	0.0	34.1	17.6
75–79	0	25	25	0.0	79.5	42.2	0	5	5	0.0	15.9	8.4
80–84	0	15	15	0.0	64.8	35.8	0	8	8	0.0	34.5	19.1
85+	0	17	17	0.0	60.4	37.4	0	15	15	0.0	53.3	33.0
Total/Crude rate	0	234	234	0.0	26.4	13.4	0	53	53	0.0	6.0	3.0
AS Rate (Aust)				0.0	21.2	11.1				0.0	4.1	2.2
Confidence Interval (95%)				0.0 – 0.0	18.4 – 24.0	9.6 – 12.5				0.0 – 0.0	3.0 – 5.2	1.6 – 2.9
AS Rate (World)				0.0	14.9	7.7				0.0	2.3	1.2
Confidence Interval (95%)				0.0 – 0.0	13.0 – 16.8	6.7 – 8.7				0.0 – 0.0	1.7 – 2.9	0.9 – 1.5
Lifetime Risk				N/A	1 in 59	1 in 114				N/A	1 in 377	1 in 729
PYLL										0	153	153
% of all cancers				0.0	4.8	2.1				0.0	3.2	1.4
Trend 2015–2019 (per annum)				0.0%	-1.0%	-0.9%				0.0%	12.8%	12.9%

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 A2.34 – Cancer of the Ovary

South Australia Year – 2019	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	3	3	0.0	6.0	2.9	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	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
35–39	0	3	3	0.0	5.3	2.7	0	0	0	0.0	0.0	0.0
40–44	0	3	3	0.0	5.8	2.9	0	0	0	0.0	0.0	0.0
45–49	0	8	8	0.0	13.9	7.0	0	1	1	0.0	1.7	0.9
50–54	0	4	4	0.0	7.1	3.6	0	3	3	0.0	5.3	2.7
55–59	0	13	13	0.0	22.3	11.3	0	4	4	0.0	6.9	3.5
60–64	0	11	11	0.0	20.2	10.4	0	6	6	0.0	11.0	5.7
65–69	0	8	8	0.0	16.0	8.3	0	6	6	0.0	12.0	6.2
70–74	0	11	11	0.0	25.0	12.9	0	6	6	0.0	13.6	7.0
75–79	0	7	7	0.0	22.3	11.8	0	5	5	0.0	15.9	8.4
80–84	0	6	6	0.0	25.9	14.3	0	12	12	0.0	51.8	28.7
85+	0	7	7	0.0	24.9	15.4	0	18	18	0.0	64.0	39.6
Total/Crude rate	0	86	86	0.0	9.7	4.9	0	61	61	0.0	6.9	3.5
AS Rate (Aust)				0.0	8.3	4.3				0.0	5.0	2.8
Confidence Interval (95%)				0.0 – 0.0	6.5 – 10.1	3.4 – 5.2				0.0 – 0.0	3.7 – 6.3	2.1 – 3.5
AS Rate (World)				0.0	6.3	3.2				0.0	2.9	1.5
Confidence Interval (95%)				0.0 – 0.0	4.9 – 7.7	2.5 – 3.9				0.0 – 0.0	2.1 – 3.6	1.2 – 1.9
Lifetime Risk				N/A	1 in 161	1 in 314				N/A	1 in 396	1 in 770
PYLL										0	300	300
% of all cancers				0.0	1.8	0.8				0.0	3.7	1.6
Trend 2015–2019 (per annum)				0.0%	-5.4%	-5.5%				0.0%	-2.0%	-2.0%

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

South Australia Year – 2019	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	2	2	0.0	3.5	1.8	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	1	1	0.0	1.7	0.9	0	1	1	0.0	1.7	0.9
60–64	0	6	6	0.0	11.0	5.7	0	0	0	0.0	0.0	0.0
65–69	0	2	2	0.0	4.0	2.1	0	1	1	0.0	2.0	1.0
70–74	0	5	5	0.0	11.4	5.9	0	1	1	0.0	2.3	1.2
75–79	0	5	5	0.0	15.9	8.4	0	2	2	0.0	6.4	3.4
80–84	0	3	3	0.0	13.0	7.2	0	3	3	0.0	13.0	7.2
85+	0	1	1	0.0	3.6	2.2	0	1	1	0.0	3.6	2.2
Total/Crude rate	0	26	26	0.0	2.3	1.2	0	9	9	0.0	1.0	0.5
AS Rate (Aust)				0.0	2.3	1.2				0.0	0.7	0.4
Confidence Interval (95%)				0.0 – 0.0	1.4 – 3.2	0.7 – 1.7				0.0 – 0.0	0.3 – 1.2	0.1 – 0.7
AS Rate (World)				0.0	1.5	0.8				0.0	0.4	0.2
Confidence Interval (95%)				0.0 – 0.0	0.9 – 2.1	0.5 – 1.1				0.0 – 0.0	0.2 – 0.7	0.1 – 0.3
Lifetime Risk				N/A	1 in 600	1 in 1168				N/A	1 in 3,341	1 in 6,488
PYLL										0	28	28
% of all cancers				0.0	0.5	0.2				0.0	0.5	0.2
Trend 2015–2019 (per annum)				0.0%	17.2%	17.3%				0.0%	16.7%	16.1%

Table A2.36 – Cancer of the Placenta

South Australia Year – 2019	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 2015–2019 (per annum)				0.0%	0.0%	0.0%				0.0%	-25.0%	-25.0%

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 A2.37 – Cancer of the Penis

South Australia Year – 2019	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	1	0	1	1.8	0.0	0.9
50–54	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	1	0	1	1.8	0.0	0.9
60–64	2	0	2	3.9	0.0	1.9	1	0	1	1.9	0.0	0.9
65–69	2	0	2	4.3	0.0	2.1	1	0	1	2.2	0.0	1.0
70–74	1	0	1	2.4	0.0	1.2	0	0	0	0.0	0.0	0.0
75–79	2	0	2	7.2	0.0	3.4	1	0	1	3.6	0.0	1.7
80–84	1	0	1	5.3	0.0	2.4	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	1	0	1	5.8	0.0	2.2
Total/Crude rate	10	0	10	1.2	0.0	0.6	6	0	6	0.7	0.0	0.3
AS Rate (Aust)				1.0	0.0	0.5				0.6	0.0	0.3
Confidence Interval (95%)				0.4 – 1.6	0.0 – 0.0	0.2 – 0.8				0.1 – 1.1	0.0 – 0.0	0.1 – 0.5
AS Rate (World)				0.7	0.0	0.3				0.4	0.0	0.2
Confidence Interval (95%)				0.3 – 1.1	0.0 – 0.0	0.1 – 0.5				0.1 – 0.7	0.0 – 0.0	0.0 – 0.4
Lifetime Risk				1 in 1407	N/A	1 in 2896				1 in 2,618	N/A	1 in 5,363
PYLL										65	0	65
% of all cancers				0.2	0.0	0.1				0.3	0.0	0.2
Trend 2015–2019 (per annum)				0.3%	0.0%	1.3%				493.9%	0.0%	684.9%

Table A2.38 – Cancer of the Prostate

South Australia Year – 2019	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	3	0	3	5.8	0.0	2.9	0	0	0	0.0	0.0	0.0
45–49	17	0	17	30.2	0.0	14.9	0	0	0	0.0	0.0	0.0
50–54	72	0	72	132.2	0.0	65.0	0	0	0	0.0	0.0	0.0
55–59	196	0	196	348.0	0.0	170.9	3	0	3	5.3	0.0	2.6
60–64	317	0	317	614.7	0.0	299.0	7	0	7	13.6	0.0	6.6
65–69	422	0	422	907.9	0.0	437.3	15	0	15	32.3	0.0	15.5
70–74	463	0	463	1,124.8	0.0	543.8	32	0	32	77.7	0.0	37.6
75–79	282	0	282	1,015.7	0.0	476.2	35	0	35	126.1	0.0	59.1
80–84	158	0	158	844.9	0.0	377.4	53	0	53	283.4	0.0	126.6
85+	92	0	92	532.0	0.0	202.5	119	0	119	688.2	0.0	261.9
Total/Crude rate	2,022	0	2,022	233.6	0.0	115.4	264	0	264	30.5	0.0	15.1
AS Rate (Aust)				193.0	0.0	91.6				26.2	0.0	11.1
Confidence Interval (95%)				184.6 – 201.5	0.0 – 0.0	87.6 – 95.7				23.0 – 29.3	0.0 – 0.0	9.8 – 12.5
AS Rate (World)				126.1	0.0	60.4				12.0	0.0	5.3
Confidence Interval (95%)				120.9 – 131.3	0.0 – 0.0	57.8 – 62.9				10.8 – 13.2	0.0 – 0.0	4.7 – 5.8
Lifetime Risk				1 in 7	N/A	1 in 14				1 in 156	N/A	1 in 321
PYLL										333	0	333
% of all cancers				31.4	0.0	17.8				12.2	0.0	6.9
Trend 2015–2019 (per annum)				7.3%	0.0%	7.6%				-0.6%	0.0%	0.2%

Table A2.39 – Cancer of the Testis

South Australia Year – 2019	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	1.9	0	0	0	0.0	0.0	0.0
20–24	7	0	7	11.7	0.0	6.0	0	0	0	0.0	0.0	0.0
25–29	7	0	7	12.0	0.0	6.0	0	0	0	0.0	0.0	0.0
30–34	13	0	13	22.4	0.0	11.1	0	0	0	0.0	0.0	0.0
35–39	11	0	11	19.7	0.0	9.7	0	0	0	0.0	0.0	0.0
40–44	9	0	9	17.3	0.0	8.7	0	0	0	0.0	0.0	0.0
45–49	2	0	2	3.5	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	2	0	2	3.6	0.0	1.7	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	2.2	0.0	1.0	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	5.8	0.0	2.2
Total/Crude rate	54	0	54	6.2	0.0	3.1	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				6.7	0.0	3.3				0.1	0.0	0.0
Confidence Interval (95%)				4.9 – 8.5	0.0 – 0.0	2.4 – 4.2				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				6.9	0.0	3.5				0.0	0.0	0.0
Confidence Interval (95%)				5.2 – 8.6	0.0 – 0.0	2.6 – 4.3				0.0 – 0.1	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 209	N/A	1 in 417				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.8	0.0	0.5				0.0	0.0	0.0
Trend 2015–2019 (per annum)				1.3%	0.0%	1.2%				-12.8%	0.0%	-13.9%

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 A2.40 – Cancer of Other male genital organs

South Australia Year – 2019	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	1	0	1	2.2	0.0	1.0	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	3.6	0.0	1.7	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	2	0	2	0.2	0.0	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.2	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.4	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 – 0.1				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 9297	N/A	1 in 19302				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 2015–2019 (per annum)				-9.3%	0.0%	-9.5%				0.0%	0.0%	0.0%

Table A2.41 – Cancer of the Kidney

South Australia Year – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	1.9	0.0	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	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	2	2	4	3.4	3.4	3.4	0	1	1	0.0	1.7	0.9
35–39	6	2	8	10.7	3.5	7.1	0	2	2	0.0	3.5	1.8
40–44	8	5	13	15.4	9.6	12.5	0	0	0	0.0	0.0	0.0
45–49	9	3	12	16.0	5.2	10.5	2	0	2	3.5	0.0	1.8
50–54	28	9	37	51.4	16.0	33.4	5	0	5	9.2	0.0	4.5
55–59	27	14	41	47.9	24.0	35.8	8	2	10	14.2	3.4	8.7
60–64	38	14	52	73.7	25.7	49.0	8	1	9	15.5	1.8	8.5
65–69	37	17	54	79.6	34.0	56.0	8	1	9	17.2	2.0	9.3
70–74	36	11	47	87.5	25.0	55.2	10	1	11	24.3	2.3	12.9
75–79	26	11	37	93.6	35.0	62.5	7	4	11	25.2	12.7	18.6
80–84	24	9	33	128.3	38.9	78.8	12	3	15	64.2	13.0	35.8
85+	8	10	18	46.3	35.5	39.6	8	9	17	46.3	32.0	37.4
Total/Crude rate	252	107	359	29.1	12.1	20.5	68	24	92	7.9	2.7	5.3
AS Rate (Aust)				25.9	10.0	17.6				6.8	2.0	4.3
Confidence Interval (95%)				22.7 – 29.1	8.1 – 11.9	15.8 – 19.5				5.2 – 8.5	1.2 – 2.8	3.4 – 5.1
AS Rate (World)				18.3	7.0	12.5				4.2	1.2	2.6
Confidence Interval (95%)				16.1 – 20.5	5.7 – 8.4	11.2 – 13.8				3.3 – 5.2	0.7 – 1.7	2.1 – 3.2
Lifetime Risk				1 in 52	1 in 137	1 in 76				1 in 239	1 in 1,357	1 in 414
PYLL										493	175	668
% of all cancers				3.9	2.2	3.2				3.1	1.5	2.4
Trend 2015–2019 (per annum)				6.0%	0.7%	4.3%				1.1%	1.8%	1.4%

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

South Australia Year – 2019	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	0	1	1.8	0.0	0.9	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	0	1	1	0.0	1.8	0.9	1	1	2	1.9	1.8	1.9
65–69	1	0	1	2.2	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	9	2	11	21.9	4.5	12.9	0	1	1	0.0	2.3	1.2
75–79	3	3	6	10.8	9.5	10.1	3	1	4	10.8	3.2	6.8
80–84	4	6	10	21.4	25.9	23.9	1	0	1	5.3	0.0	2.4
85+	4	4	8	23.1	14.2	17.6	5	2	7	28.9	7.1	15.4
Total/Crude rate	23	17	40	2.7	1.9	2.3	10	5	15	1.2	0.6	0.9
AS Rate (Aust)				2.1	1.4	1.7				1.0	0.4	0.6
Confidence Interval (95%)				1.3 – 3.0	0.7 – 2.0	1.2 – 2.3				0.4 – 1.6	0.0 – 0.7	0.3 – 1.0
AS Rate (World)				1.2	0.7	1.0				0.5	0.2	0.3
Confidence Interval (95%)				0.8 – 1.7	0.4 – 1.0	0.7 – 1.2				0.2 – 0.7	0.0 – 0.4	0.2 – 0.5
Lifetime Risk				1 in 724	1 in 2470	1 in 1140				1 in 10,314	1 in 4,867	1 in 6,535
PYLL										13	15	28
% of all cancers				0.4	0.3	0.4				0.5	0.3	0.4
Trend 2015–2019 (per annum)				-1.8%	-2.8%	-1.6%				-6.1%	-11.4%	-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 A2.43 – Cancer of the Bladder

South Australia Year – 2019	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	1	3	3.5	1.7	2.6	0	0	0	0.0	0.0	0.0
50–54	8	1	9	14.7	1.8	8.1	0	0	0	0.0	0.0	0.0
55–59	15	4	19	26.6	6.9	16.6	9	2	11	16.0	3.4	9.6
60–64	14	2	16	27.1	3.7	15.1	3	0	3	5.8	0.0	2.8
65–69	28	6	34	60.2	12.0	35.2	7	1	8	15.1	2.0	8.3
70–74	45	5	50	109.3	11.4	58.7	12	0	12	29.2	0.0	14.1
75–79	37	12	49	133.3	38.2	82.8	13	4	17	46.8	12.7	28.7
80–84	32	7	39	171.1	30.2	93.2	18	1	19	96.3	4.3	45.4
85+	44	15	59	254.5	53.3	129.9	34	18	52	196.6	64.0	114.4
Total/Crude rate	225	53	278	26.0	6.0	15.9	96	26	122	11.1	2.9	7.0
AS Rate (Aust)				21.7	4.2	12.2				9.5	1.8	5.2
Confidence Interval (95%)				18.9 – 24.6	3.1 – 5.4	10.8 – 13.7				7.6 – 11.4	1.1 – 2.6	4.3 – 6.2
AS Rate (World)				12.5	2.4	7.1				4.8	0.8	2.6
Confidence Interval (95%)				11.0 – 14.0	1.8 – 3.0	6.3 – 7.9				4.0 – 5.6	0.5 – 1.1	2.2 – 3.1
Lifetime Risk				1 in 83	1 in 535	1 in 147				1 in 303	1 in 3,686	1 in 575
PYLL										278	43	320
% of all cancers				3.5	1.1	2.4				4.4	1.6	3.2
Trend 2015–2019 (per annum)				5.6%	-0.8%	4.5%				10.0%	-7.0%	5.3%

Table A2.44 – Cancer of the Eye

South Australia Year – 2019	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	1	1	0.0	1.9	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	2	2	0.0	3.5	1.8	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	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	0	2	2	0.0	3.6	1.8	0	0	0	0.0	0.0	0.0
55–59	0	3	3	0.0	5.1	2.6	0	0	0	0.0	0.0	0.0
60–64	4	2	6	7.8	3.7	5.7	0	1	1	0.0	1.8	0.9
65–69	1	4	5	2.2	8.0	5.2	0	0	0	0.0	0.0	0.0
70–74	2	2	4	4.9	4.5	4.7	1	0	1	2.4	0.0	1.2
75–79	2	2	4	7.2	6.4	6.8	0	0	0	0.0	0.0	0.0
80–84	3	3	6	16.0	13.0	14.3	0	1	1	0.0	4.3	2.4
85+	1	1	2	5.8	3.6	4.4	0	0	0	0.0	0.0	0.0
Total/Crude rate	15	23	38	1.7	2.6	2.2	1	2	3	0.1	0.2	0.2
AS Rate (Aust)				1.5	2.2	1.9				0.1	0.2	0.1
Confidence Interval (95%)				0.8 – 2.3	1.3 – 3.1	1.3 – 2.5				0.0 – 0.2	0.0 – 0.4	0.0 – 0.3
AS Rate (World)				1.0	1.7	1.4				0.1	0.1	0.1
Confidence Interval (95%)				0.5 – 1.5	1.0 – 2.5	0.9 – 1.8				0.0 – 0.1	0.0 – 0.3	0.0 – 0.2
Lifetime Risk				1 in 1084	1 in 617	1 in 784				1 in 8,233	1 in 10,894	1 in 9,445
PYLL										3	13	15
% of all cancers				0.2	0.5	0.3				0.0	0.1	0.1
Trend 2015–2019 (per annum)				1.6%	2.6%	1.2%				-17.5%	-5.3%	-10.5%

Table A2.45 – Cancer of the Brain

South Australia Year – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	2	0	2	3.9	0.0	2.0	1	0	1	1.9	0.0	1.0
5–9	1	1	2	1.8	1.9	1.9	1	0	1	1.8	0.0	0.9
10–14	4	2	6	7.6	3.9	5.8	1	1	2	1.9	2.0	1.9
15–19	0	1	1	0.0	2.0	1.0	0	1	1	0.0	2.0	1.0
20–24	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
25–29	0	3	3	0.0	5.2	2.6	0	0	0	0.0	0.0	0.0
30–34	2	2	4	3.4	3.4	3.4	1	0	1	1.7	0.0	0.9
35–39	2	3	5	3.6	5.3	4.4	0	3	3	0.0	5.3	2.7
40–44	7	1	8	13.5	1.9	7.7	3	0	3	5.8	0.0	2.9
45–49	5	8	13	8.9	13.9	11.4	1	2	3	1.8	3.5	2.6
50–54	3	1	4	5.5	1.8	3.6	7	2	9	12.9	3.6	8.1
55–59	8	10	18	14.2	17.1	15.7	6	6	12	10.7	10.3	10.5
60–64	11	3	14	21.3	5.5	13.2	6	2	8	11.6	3.7	7.5
65–69	8	12	20	17.2	24.0	20.7	13	7	20	28.0	14.0	20.7
70–74	13	7	20	31.6	15.9	23.5	10	6	16	24.3	13.6	18.8
75–79	15	2	17	54.0	6.4	28.7	9	7	16	32.4	22.3	27.0
80–84	7	4	11	37.4	17.3	26.3	7	4	11	37.4	17.3	26.3
85+	4	5	9	23.1	17.8	19.8	6	2	8	34.7	7.1	17.6
Total/Crude rate	92	65	157	10.6	7.3	9.0	72	44	116	8.3	5.0	6.6
AS Rate (Aust)				9.6	6.4	7.9				7.3	4.1	5.6
Confidence Interval (95%)				7.6 – 11.5	4.8 – 8.0	6.6 – 9.2				5.6 – 9.0	2.9 – 5.4	4.6 – 6.6
AS Rate (World)				7.3	5.2	6.2				5.1	3.1	4.1
Confidence Interval (95%)				5.8 – 8.9	3.8 – 6.6	5.2 – 7.3				3.9 – 6.3	2.2 – 4.1	3.3 – 4.8
Lifetime Risk				1 in 151	1 in 197	1 in 172				1 in 196	1 in 336	1 in 249
PYLL										830	583	1,413
% of all cancers				1.4	1.3	1.4				3.3	2.7	3.0
Trend 2015–2019 (per annum)				10.1%	-0.4%	4.9%				2.9%	0.4%	1.4%

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

South Australia Year – 2019	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	1	1	0.0	2.1	1.0
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	2.0	1.0	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	1.8	0.0	0.9
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	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	1	1	0.0	1.8	0.9
65–69	1	2	3	2.2	4.0	3.1	0	1	1	0.0	2.0	1.0
70–74	1	0	1	2.4	0.0	1.2	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	1	1	0.0	4.3	2.4	0	0	0	0.0	0.0	0.0
85+	1	1	2	5.8	3.6	4.4	1	1	2	5.8	3.6	4.4
Total/Crude rate	6	6	12	0.7	0.7	0.7	2	4	6	0.2	0.5	0.3
AS Rate (Aust)				0.6	0.6	0.6				0.2	0.4	0.3
Confidence Interval (95%)				0.1 – 1.1	0.1 – 1.1	0.3 – 0.9				0.0 – 0.6	0.0 – 0.8	0.1 – 0.6
AS Rate (World)				0.4	0.5	0.5				0.2	0.3	0.2
Confidence Interval (95%)				0.1 – 0.8	0.0 – 1.1	0.2 – 0.8				0.0 – 0.4	0.0 – 0.7	0.0 – 0.5
Lifetime Risk				1 in 1957	1 in 2488	1 in 2215				1 in 11,192	1 in 3,388	1 in 5,171
PYLL										38	93	130
% of all cancers				0.1	0.1	0.1				0.1	0.2	0.2
Trend 2015–2019 (per annum)				11.2%	50.3%	24.0%				22.2%	25.8%	25.3%

Table A2.47 – Cancer of the Thyroid gland

South Australia Year – 2019	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	2	2	0.0	4.0	1.9	0	0	0	0.0	0.0	0.0
20–24	1	7	8	1.7	12.5	6.9	0	0	0	0.0	0.0	0.0
25–29	5	4	9	8.5	6.9	7.7	0	0	0	0.0	0.0	0.0
30–34	2	15	17	3.4	25.3	14.5	0	0	0	0.0	0.0	0.0
35–39	1	11	12	1.8	19.3	10.6	0	1	1	0.0	1.8	0.9
40–44	5	11	16	9.6	21.1	15.4	0	0	0	0.0	0.0	0.0
45–49	6	19	25	10.6	33.0	21.9	0	0	0	0.0	0.0	0.0
50–54	4	12	16	7.3	21.3	14.5	0	0	0	0.0	0.0	0.0
55–59	6	15	21	10.7	25.7	18.3	3	0	3	5.3	0.0	2.6
60–64	3	9	12	5.8	16.5	11.3	1	0	1	1.9	0.0	0.9
65–69	4	10	14	8.6	20.0	14.5	2	1	3	4.3	2.0	3.1
70–74	3	7	10	7.3	15.9	11.7	1	0	1	2.4	0.0	1.2
75–79	5	6	11	18.0	19.1	18.6	0	1	1	0.0	3.2	1.7
80–84	2	1	3	10.7	4.3	7.2	1	0	1	5.3	0.0	2.4
85+	2	3	5	11.6	10.7	11.0	1	1	2	5.8	3.6	4.4
Total/Crude rate	49	132	181	5.7	14.9	10.3	9	4	13	1.0	0.5	0.7
AS Rate (Aust)				5.5	14.6	10.1				0.9	0.4	0.6
Confidence Interval (95%)				3.9 – 7.0	12.0 – 17.1	8.6 – 11.5				0.3 – 1.5	0.0 – 0.7	0.3 – 0.9
AS Rate (World)				4.4	12.9	8.7				0.6	0.3	0.4
Confidence Interval (95%)				3.2 – 5.7	10.8 – 15.0	7.5 – 9.9				0.2 – 0.9	0.0 – 0.5	0.2 – 0.6
Lifetime Risk				1 in 266	1 in 91	1 in 134				1 in 1,429	1 in 5,325	1 in 2,292
PYLL										83	45	128
% of all cancers				0.8	2.7	1.6				0.4	0.2	0.3
Trend 2015–2019 (per annum)				3.9%	2.0%	2.6%				-4.7%	9.3%	0.9%

Table A2.48 – Cancer of Other endocrine glands

South Australia Year – 2019	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	1	0	1	1.7	0.0	0.9
25–29	1	0	1	1.7	0.0	0.9	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	1.8	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	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	3.6	0.0	1.7	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	2	0	2	10.7	0.0	4.8
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	2	2	4	0.2	0.2	0.2	3	0	3	0.3	0.0	0.2
AS Rate (Aust)				0.2	0.3	0.2				0.3	0.0	0.2
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.6	0.0 – 0.5				0.0 – 0.7	0.0 – 0.0	0.0 – 0.3
AS Rate (World)				0.2	0.3	0.2				0.2	0.0	0.1
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.7	0.0 – 0.5				0.0 – 0.5	0.0 – 0.0	0.0 – 0.3
Lifetime Risk				1 in 11697	1 in 5226	1 in 7279				1 in 11,950	N/A	1 in 23,194
PYLL										53	0	53
% of all cancers				0.0	0.0	0.0				0.1	0.0	0.1
Trend 2015–2019 (per annum)				-12.5%	12.4%	-3.5%				27.1%	-21.4%	-3.5%

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 A2.49 – Cancer of Other and unspecified sites

South Australia Year – 2019	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	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	0.9	0	0	0	0.0	0.0	0.0
30–34	0	2	2	0.0	3.4	1.7	0	0	0	0.0	0.0	0.0
35–39	2	3	5	3.6	5.3	4.4	2	1	3	3.6	1.8	2.7
40–44	2	2	4	3.8	3.8	3.8	0	2	2	0.0	3.8	1.9
45–49	6	3	9	10.6	5.2	7.9	1	1	2	1.8	1.7	1.8
50–54	11	5	16	20.2	8.9	14.5	6	4	10	11.0	7.1	9.0
55–59	10	7	17	17.8	12.0	14.8	7	6	13	12.4	10.3	11.3
60–64	16	16	32	31.0	29.4	30.2	9	5	14	17.5	9.2	13.2
65–69	28	11	39	60.2	22.0	40.4	12	9	21	25.8	18.0	21.8
70–74	18	23	41	43.7	52.3	48.2	15	13	28	36.4	29.6	32.9
75–79	26	21	47	93.6	66.8	79.4	20	11	31	72.0	35.0	52.4
80–84	21	19	40	112.3	82.0	95.5	9	15	24	48.1	64.8	57.3
85+	33	44	77	190.8	156.3	169.5	31	46	77	179.3	163.4	169.5
Total/Crude rate	176	156	332	20.3	17.6	19.0	112	113	225	12.9	12.8	12.8
AS Rate (Aust)				17.8	12.9	15.2				11.1	9.0	10.0
Confidence Interval (95%)				15.1 – 20.4	10.9 – 15.0	13.5 – 16.8				9.0 – 13.2	7.3 – 10.6	8.6 – 11.3
AS Rate (World)				11.0	7.8	9.3				6.3	5.0	5.6
Confidence Interval (95%)				9.4 – 12.6	6.6 – 9.1	8.3 – 10.3				5.2 – 7.4	4.0 – 5.9	4.9 – 6.3
Lifetime Risk				1 in 102	1 in 141	1 in 119				1 in 185	1 in 246	1 in 212
PYLL										600	488	1,088
% of all cancers				2.7	3.2	2.9				5.2	6.9	5.9
Trend 2015–2019 (per annum)				1.9%	1.8%	2.0%				0.1%	1.7%	0.9%

Table A2.50 – Non-Hodgkin lymphoma

South Australia Year – 2019	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	1	2	1.9	2.0	1.9	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	1	2	1.7	1.8	1.7	0	0	0	0.0	0.0	0.0
25–29	4	0	4	6.8	0.0	3.4	1	0	1	1.7	0.0	0.9
30–34	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
35–39	2	2	4	3.6	3.5	3.5	0	0	0	0.0	0.0	0.0
40–44	6	3	9	11.5	5.8	8.7	0	0	0	0.0	0.0	0.0
45–49	8	5	13	14.2	8.7	11.4	1	0	1	1.8	0.0	0.9
50–54	22	5	27	40.4	8.9	24.4	2	1	3	3.7	1.8	2.7
55–59	24	21	45	42.6	36.0	39.2	2	3	5	3.6	5.1	4.4
60–64	27	27	54	52.4	49.6	50.9	9	3	12	17.5	5.5	11.3
65–69	35	32	67	75.3	64.0	69.4	9	6	15	19.4	12.0	15.5
70–74	54	26	80	131.2	59.1	94.0	12	4	16	29.2	9.1	18.8
75–79	27	26	53	97.2	82.7	89.5	9	7	16	32.4	22.3	27.0
80–84	40	24	64	213.9	103.6	152.9	12	11	23	64.2	47.5	54.9
85+	29	23	52	167.7	81.7	114.4	26	14	40	150.4	49.7	88.0
Total/Crude rate	282	198	480	32.6	22.3	27.4	83	49	132	9.6	5.5	7.5
AS Rate (Aust)				28.4	17.5	22.5				8.2	3.9	5.8
Confidence Interval (95%)				25.0 – 31.7	15.0 – 20.0	20.5 – 24.6				6.5 – 10.0	2.8 – 5.1	4.8 – 6.8
AS Rate (World)				18.6	11.7	15.0				4.4	2.2	3.2
Confidence Interval (95%)				16.5 – 20.8	10.0 – 13.3	13.6 – 16.3				3.5 – 5.4	1.6 – 2.7	2.7 – 3.7
Lifetime Risk				1 in 52	1 in 83	1 in 65				1 in 261	1 in 597	1 in 368
PYLL										365	168	533
% of all cancers				4.4	4.0	4.2				3.8	3.0	3.5
Trend 2015–2019 (per annum)				0.7%	-3.0%	-0.8%				1.7%	0.9%	1.3%

Table A2.51 – Hodgkin lymphoma

South Australia Year – 2019	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	2.0	1.0	0	0	0	0.0	0.0	0.0
15–19	2	1	3	3.8	2.0	2.9	0	0	0	0.0	0.0	0.0
20–24	1	1	2	1.7	1.8	1.7	0	0	0	0.0	0.0	0.0
25–29	1	2	3	1.7	3.4	2.6	0	0	0	0.0	0.0	0.0
30–34	5	3	8	8.6	5.1	6.8	0	0	0	0.0	0.0	0.0
35–39	3	0	3	5.4	0.0	2.7	1	1	2	1.8	1.8	1.8
40–44	6	0	6	11.5	0.0	5.8	0	0	0	0.0	0.0	0.0
45–49	4	0	4	7.1	0.0	3.5	1	0	1	1.8	0.0	0.9
50–54	6	1	7	11.0	1.8	6.3	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	4	0	4	7.8	0.0	3.8	1	0	1	1.9	0.0	0.9
65–69	1	0	1	2.2	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	1	1	2	2.4	2.3	2.3	0	1	1	0.0	2.3	1.2
75–79	2	0	2	7.2	0.0	3.4	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	3.6	2.2	0	3	3	0.0	10.7	6.6
Total/Crude rate	37	11	48	4.3	1.2	2.7	4	5	9	0.5	0.6	0.5
AS Rate (Aust)				4.4	1.2	2.8				0.5	0.4	0.5
Confidence Interval (95%)				3.0 – 5.8	0.5 – 2.0	2.0 – 3.6				0.0 – 1.0	0.0 – 0.7	0.2 – 0.8
AS Rate (World)				4.0	1.3	2.6				0.4	0.2	0.3
Confidence Interval (95%)				2.8 – 5.2	0.5 – 2.1	1.9 – 3.4				0.0 – 0.8	0.0 – 0.5	0.1 – 0.6
Lifetime Risk				1 in 309	1 in 1092	1 in 485				1 in 2,726	1 in 4,961	1 in 3,527
PYLL										100	40	140
% of all cancers				0.6	0.2	0.4				0.2	0.3	0.2
Trend 2015–2019 (per annum)				4.5%	-8.3%	-1.2%				12.6%	49.6%	24.6%

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 A2.52 – Other lymphomas

South Australia Year – 2019	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	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	1.9	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	1	0	1	2.4	0.0	1.2	0	1	1	0.0	2.3	1.2
75–79	1	0	1	3.6	0.0	1.7	1	0	1	3.6	0.0	1.7
80–84	0	1	1	0.0	4.3	2.4	0	1	1	0.0	4.3	2.4
85+	3	3	6	17.3	10.7	13.2	2	3	5	11.6	10.7	11.0
Total/Crude rate	7	6	13	0.8	0.7	0.7	3	5	8	0.3	0.6	0.5
AS Rate (Aust)				0.7	0.5	0.6				0.3	0.4	0.3
Confidence Interval (95%)				0.2 – 1.2	0.1 – 0.8	0.3 – 0.9				0.0 – 0.6	0.0 – 0.7	0.1 – 0.6
AS Rate (World)				0.4	0.2	0.3				0.1	0.2	0.1
Confidence Interval (95%)				0.1 – 0.6	0.0 – 0.4	0.1 – 0.5				0.0 – 0.2	0.0 – 0.3	0.1 – 0.2
Lifetime Risk				1 in 3256	1 in 5216	1 in 4025				N/A	1 in 8,795	1 in 17,028
PYLL										0	3	3
% of all cancers				0.1	0.1	0.1				0.1	0.3	0.2
Trend 2015–2019 (per annum)				56.0%	0.1%	17.2%				33.6%	-2.3%	9.4%

Table A2.53 – Mast cell tumours

South Australia Year – 2019	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	1	1	0.0	1.8	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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	1	0	1	3.6	0.0	1.7	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	2	3	0.1	0.2	0.2	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.1	0.2	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.4	0.0 – 0.3				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.1	0.1	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.1	0.0 – 0.3	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				N/A	1 in 5216	1 in 10105				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 2015–2019 (per annum)				-30.0%	0.5%	-24.0%				0.0%	0.0%	0.0%

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

South Australia Year – 2019	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	1	1	0.0	1.7	0.9	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	0	0	0.0	0.0	0.0	1	0	1	2.2	0.0	1.0
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	3	4	0.1	0.3	0.2	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.1	0.4	0.2				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.8	0.0 – 0.5				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				0.1	0.4	0.2				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.2	0.0 – 0.8	0.0 – 0.5				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 10314	1 in 3582	1 in 5362				1 in 9,297	N/A	1 in 19,302
PYLL										8	0	8
% of all cancers				0.0	0.1	0.0				0.0	0.0	0.0
Trend 2015–2019 (per annum)				-13.8%	-5.4%	-11.0%				-12.5%	-25.0%	-16.5%

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 A2.55 – Multiple myeloma/Plasma cell tumours												
South Australia												
Year – 2019												
	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	1.8	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	1	4	5.3	1.7	3.5	1	1	2	1.8	1.7	1.8
50–54	9	5	14	16.5	8.9	12.6	0	0	0	0.0	0.0	0.0
55–59	11	3	14	19.5	5.1	12.2	2	0	2	3.6	0.0	1.7
60–64	13	11	24	25.2	20.2	22.6	0	4	4	0.0	7.3	3.8
65–69	25	7	32	53.8	14.0	33.2	8	1	9	17.2	2.0	9.3
70–74	25	14	39	60.7	31.8	45.8	7	1	8	17.0	2.3	9.4
75–79	16	10	26	57.6	31.8	43.9	6	6	12	21.6	19.1	20.3
80–84	6	4	10	32.1	17.3	23.9	4	9	13	21.4	38.9	31.1
85+	10	12	22	57.8	42.6	48.4	13	14	27	75.2	49.7	59.4
Total/Crude rate	118	68	186	13.6	7.7	10.6	41	36	77	4.7	4.1	4.4
AS Rate (Aust)				11.4	5.8	8.5				3.9	2.8	3.3
Confidence Interval (95%)				9.3 – 13.5	4.4 – 7.2	7.2 – 9.7				2.7 – 5.2	1.9 – 3.8	2.6 – 4.1
AS Rate (World)				7.5	3.7	5.5				2.1	1.4	1.8
Confidence Interval (95%)				6.2 – 8.8	2.8 – 4.6	4.7 – 6.3				1.5 – 2.7	1.0 – 1.9	1.4 – 2.1
Lifetime Risk				1 in 111	1 in 240	1 in 153				1 in 506	1 in 1,498	1 in 770
PYLL										140	88	228
% of all cancers				1.8	1.4	1.6				1.9	2.2	2.0
Trend 2015–2019 (per annum)				2.1%	-0.3%	1.4%				-5.2%	6.3%	-1.1%

Table A2.56 – Immunoproliferative neoplasms												
South Australia		Incidence						Mortality				
Year – 2019	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	1	1	0.0	2.0	1.0	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	2	3	3.6	6.4	5.1	0	0	0	0.0	0.0	0.0
80–84	3	0	3	16.0	0.0	7.2	1	0	1	5.3	0.0	2.4
85+	1	0	1	5.8	0.0	2.2	2	0	2	11.6	0.0	4.4
Total/Crude rate	5	3	8	0.6	0.3	0.5	3	0	3	0.3	0.0	0.2
AS Rate (Aust)				0.5	0.2	0.4				0.3	0.0	0.1
Confidence Interval (95%)				0.1 – 1.0	0.0 – 0.5	0.1 – 0.6				0.0 – 0.7	0.0 – 0.0	0.0 – 0.3
AS Rate (World)				0.2	0.2	0.2				0.1	0.0	0.0
Confidence Interval (95%)				0.1 – 0.4	0.0 – 0.3	0.1 – 0.3				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				N/A	1 in 10006	1 in 19302				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.1	0.1	0.1				0.1	0.0	0.1
Trend 2015–2019 (per annum)				13.2%	2.0%	8.1%				-4.2%	-25.0%	-7.2%

Table A2.57 – All leukaemias												
South Australia												
Year – 2019												
	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	8	5	13	15.6	10.3	13.0	0	1	1	0.0	2.1	1.0
5–9	1	2	3	1.8	3.9	2.8	0	0	0	0.0	0.0	0.0
10–14	3	0	3	5.7	0.0	2.9	0	0	0	0.0	0.0	0.0
15–19	1	1	2	1.9	2.0	1.9	1	0	1	1.9	0.0	1.0
20–24	3	1	4	5.0	1.8	3.4	1	0	1	1.7	0.0	0.9
25–29	2	1	3	3.4	1.7	2.6	0	1	1	0.0	1.7	0.9
30–34	2	3	5	3.4	5.1	4.3	0	0	0	0.0	0.0	0.0
35–39	0	3	3	0.0	5.3	2.7	0	1	1	0.0	1.8	0.9
40–44	5	4	9	9.6	7.7	8.7	0	0	0	0.0	0.0	0.0
45–49	5	4	9	8.9	7.0	7.9	1	1	2	1.8	1.7	1.8
50–54	6	5	11	11.0	8.9	9.9	2	0	2	3.7	0.0	1.8
55–59	12	5	17	21.3	8.6	14.8	1	0	1	1.8	0.0	0.9
60–64	15	7	22	29.1	12.9	20.7	3	4	7	5.8	7.3	6.6
65–69	23	6	29	49.5	12.0	30.0	7	3	10	15.1	6.0	10.4
70–74	9	11	20	21.9	25.0	23.5	8	2	10	19.4	4.5	11.7
75–79	18	10	28	64.8	31.8	47.3	8	6	14	28.8	19.1	23.6
80–84	17	14	31	90.9	60.4	74.0	8	9	17	42.8	38.9	40.6
85+	13	17	30	75.2	60.4	66.0	13	22	35	75.2	78.2	77.0
Total/Crude rate	143	99	242	16.5	11.2	13.8	53	50	103	6.1	5.6	5.9
AS Rate (Aust)				15.0	9.3	12.0				5.2	4.0	4.6
Confidence Interval (95%)				12.5 – 17.5	7.4 – 11.2	10.5 – 13.5				3.8 – 6.7	2.8 – 5.1	3.7 – 5.5
AS Rate (World)				11.2	7.0	9.0				3.0	2.2	2.6
Confidence Interval (95%)				9.2 – 13.1	5.5 – 8.6	7.8 – 10.3				2.2 – 3.9	1.5 – 2.9	2.1 – 3.1
Lifetime Risk				1 in 107	1 in 179	1 in 134				1 in 392	1 in 795	1 in 531
PYLL										310	263	573
% of all cancers				2.2	2.0	2.1				2.4	3.0	2.7
Trend 2015–2019 (per annum)				-10.0%	-9.8%	-9.8%				-5.7%	-5.6%	-5.5%

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 A2.58 – Polycythaemia vera

South Australia Year – 2019	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	2	1	3	3.8	1.9	2.9	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	2	0	2	3.6	0.0	1.7	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	2.2	0.0	1.0
70–74	2	2	4	4.9	4.5	4.7	1	0	1	2.4	0.0	1.2
75–79	2	3	5	7.2	9.5	8.4	0	0	0	0.0	0.0	0.0
80–84	1	2	3	5.3	8.6	7.2	0	0	0	0.0	0.0	0.0
85+	0	2	2	0.0	7.1	4.4	2	1	3	11.6	3.6	6.6
Total/Crude rate	12	11	23	1.4	1.2	1.3	4	1	5	0.5	0.1	0.3
AS Rate (Aust)				1.3	0.9	1.1				0.4	0.1	0.2
Confidence Interval (95%)				0.5 – 2.0	0.4 – 1.5	0.7 – 1.6				0.0 – 0.8	0.0 – 0.2	0.0 – 0.4
AS Rate (World)				1.0	0.6	0.8				0.2	0.0	0.1
Confidence Interval (95%)				0.4 – 1.5	0.2 – 0.9	0.5 – 1.1				0.0 – 0.4	0.0 – 0.1	0.0 – 0.2
Lifetime Risk				1 in 1124	1 in 2426	1 in 1544				1 in 4,367	N/A	1 in 9,047
PYLL										10	0	10
% of all cancers				0.2	0.2	0.2				0.2	0.1	0.1
Trend 2015–2019 (per annum)				-2.7%	0.6%	-0.1%				46.7%	-9.5%	8.8%

Table A2.59 – Myelodysplastic syndromes

South Australia Year – 2019	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	0.9	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	1.8	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	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
50–54	1	2	3	1.8	3.6	2.7	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	4	5	9	7.8	9.2	8.5	2	0	2	3.9	0.0	1.9
65–69	12	3	15	25.8	6.0	15.5	2	1	3	4.3	2.0	3.1
70–74	12	6	18	29.2	13.6	21.1	8	1	9	19.4	2.3	10.6
75–79	5	7	12	18.0	22.3	20.3	1	3	4	3.6	9.5	6.8
80–84	11	10	21	58.8	43.2	50.2	6	4	10	32.1	17.3	23.9
85+	11	5	16	63.6	17.8	35.2	12	9	21	69.4	32.0	46.2
Total/Crude rate	57	40	97	6.6	4.5	5.5	31	18	49	3.6	2.0	2.8
AS Rate (Aust)				5.5	3.4	4.3				3.0	1.3	2.1
Confidence Interval (95%)				4.1 – 6.9	2.3 – 4.5	3.5 – 5.2				1.9 – 4.1	0.7 – 1.9	1.5 – 2.6
AS Rate (World)				3.1	2.1	2.5				1.5	0.6	1.0
Confidence Interval (95%)				2.4 – 3.9	1.4 – 2.7	2.1 – 3.0				1.0 – 1.9	0.4 – 0.8	0.7 – 1.2
Lifetime Risk				1 in 302	1 in 559	1 in 396				1 in 725	1 in 4,681	1 in 1,285
PYLL										60	10	70
% of all cancers				0.9	0.8	0.9				1.4	1.1	1.3
Trend 2015–2019 (per annum)				-6.0%	-6.2%	-5.9%				-7.7%	5.1%	-4.3%

Table A2.60 – Other chronic myeloproliferative and haematological disorders

South Australia Year – 2019	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	1	2	1.7	1.7	1.7	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
35–39	2	1	3	3.6	1.8	2.7	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	2	1	3	3.5	1.7	2.6	1	0	1	1.8	0.0	0.9
50–54	3	4	7	5.5	7.1	6.3	0	0	0	0.0	0.0	0.0
55–59	3	1	4	5.3	1.7	3.5	1	0	1	1.8	0.0	0.9
60–64	5	3	8	9.7	5.5	7.5	1	0	1	1.9	0.0	0.9
65–69	6	1	7	12.9	2.0	7.3	1	1	2	2.2	2.0	2.1
70–74	10	3	13	24.3	6.8	15.3	4	2	6	9.7	4.5	7.0
75–79	5	3	8	18.0	9.5	13.5	1	1	2	3.6	3.2	3.4
80–84	9	0	9	48.1	0.0	21.5	1	2	3	5.3	8.6	7.2
85+	5	1	6	28.9	3.6	13.2	4	4	8	23.1	14.2	17.6
Total/Crude rate	52	21	73	6.0	2.4	4.2	14	10	24	1.6	1.1	1.4
AS Rate (Aust)				5.2	2.1	3.5				1.4	0.7	1.0
Confidence Interval (95%)				3.8 – 6.7	1.2 – 3.0	2.7 – 4.4				0.6 – 2.1	0.3 – 1.2	0.6 – 1.4
AS Rate (World)				3.4	1.7	2.5				0.8	0.4	0.6
Confidence Interval (95%)				2.5 – 4.3	1.0 – 2.4	1.9 – 3.1				0.4 – 1.2	0.2 – 0.6	0.3 – 0.8
Lifetime Risk				1 in 293	1 in 626	1 in 403				1 in 1,153	1 in 3,055	1 in 1,694
PYLL										75	13	88
% of all cancers				0.8	0.4	0.6				0.6	0.6	0.6
Trend 2015–2019 (per annum)				13.6%	-8.9%	0.9%				4.2%	23.3%	11.9%

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 A2.61 – All cancers

South Australia Year – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	13	10	23	25.3	20.7	23.1	1	2	3	1.9	4.1	3.0
5–9	3	4	7	5.5	7.8	6.6	1	0	1	1.8	0.0	0.9
10–14	8	7	15	15.2	13.8	14.5	1	1	2	1.9	2.0	1.9
15–19	13	18	31	24.7	36.0	30.2	1	1	2	1.9	2.0	1.9
20–24	20	20	40	33.5	35.6	34.5	2	1	3	3.3	1.8	2.6
25–29	28	28	56	47.9	48.3	48.1	4	2	6	6.8	3.4	5.2
30–34	51	76	127	87.8	128.3	108.3	10	4	14	17.2	6.8	11.9
35–39	59	116	175	105.4	203.9	155.1	10	16	26	17.9	28.1	23.0
40–44	92	152	244	177.0	291.9	234.5	14	10	24	26.9	19.2	23.1
45–49	152	256	408	269.7	444.9	358.2	30	37	67	53.2	64.3	58.8
50–54	330	319	649	606.0	566.9	586.2	57	44	101	104.7	78.2	91.2
55–59	543	445	988	964.1	762.7	861.6	116	89	205	206.0	152.5	178.8
60–64	808	565	1,373	1,566.9	1,037.3	1,294.8	171	112	283	331.6	205.6	266.9
65–69	996	611	1,607	2,142.8	1,221.4	1,665.2	233	173	406	501.3	345.8	420.7
70–74	1,197	709	1,906	2,908.0	1,612.4	2,238.8	330	195	525	801.7	443.5	616.7
75–79	877	529	1,406	3,158.7	1,682.1	2,374.4	309	220	529	1,112.9	699.5	893.4
80–84	661	475	1,136	3,534.8	2,050.4	2,713.4	334	230	564	1,786.1	992.8	1,347.2
85+	591	567	1,158	3,417.8	2,014.6	2,548.6	542	505	1,047	3,134.4	1,794.3	2,304.3
Total/Crude rate	6,442	4,907	11,349	744.4	553.7	647.9	2,166	1,642	3,808	250.3	185.3	217.4
AS Rate (Aust)				636.5	450.3	535.8				214.2	133.6	169.4
Confidence Interval (95%)				620.8 – 652.2	437.5 – 463.2	525.8 – 545.8				205.1 – 223.3	127.0 – 140.2	64.0 – 174.8
AS Rate (World)				417.8	315.8	363.1				120.7	78.0	97.5
Confidence Interval (95%)				407.9 – 427.7	306.8 – 324.9	356.5 – 369.8				115.9 – 125.5	74.1 – 81.8	94.5 – 100.5
Lifetime Risk				1 in 3	1 in 4	1 in 3				1 in 10	1 in 15	1 in 12
PYLL										10,658	8,258	18,915
% of all cancers				100.0	100.0	100.0				100.0	100.0	100.0
Trend 2015–2019 (per annum)				1.7%	0.0%	1.0%				-1.1%	-1.1%	-1.0%

Table A2.62 – Mesothelioma

South Australia Year – 2019	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	1	1	0.0	1.7	0.9
60–64	0	1	1	0.0	1.8	0.9	5	1	6	9.7	1.8	5.7
65–69	2	1	3	4.3	2.0	3.1	2	1	3	4.3	2.0	3.1
70–74	13	2	15	31.6	4.5	17.6	9	1	10	21.9	2.3	11.7
75–79	18	3	21	64.8	9.5	35.5	13	6	19	46.8	19.1	32.1
80–84	8	3	11	42.8	13.0	26.3	12	5	17	64.2	21.6	40.6
85+	8	3	11	46.3	10.7	24.2	10	4	14	57.8	14.2	30.8
Total/Crude rate	50	13	63	5.8	1.5	3.6	51	19	70	5.9	2.1	4.0
AS Rate (Aust)				4.6	1.0	2.7				4.9	1.5	3.0
Confidence Interval (95%)				3.3 – 5.9	0.5 – 1.6	2.0 – 3.3				3.6 – 6.3	0.8 – 2.2	2.3 – 3.8
AS Rate (World)				2.6	0.6	1.5				2.6	0.8	1.6
Confidence Interval (95%)				2.0 – 3.2	0.3 – 0.8	1.2 – 1.8				2.0 – 3.2	0.5 – 1.1	1.3 – 2.0
Lifetime Risk				1 in 529	1 in 2386	1 in 884				1 in 558	1 in 2,557	1 in 936
PYLL										100	40	140
% of all cancers				0.8	0.3	0.6				2.4	1.2	1.8
Trend 2015–2019 (per annum)				0.1%	-0.6%	0.2%				1.4%	3.1%	2.5%

Table A2.63 – Kaposi sarcoma

South Australia Year – 2019	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	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	0	0	0.0	0.0	0.0
70–74	1	1	2	2.4	2.3	2.3	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	1	1	0.0	3.6	2.2
Total/Crude rate	2	1	3	0.2	0.1	0.2	0	1	1	0.0	0.1	0.1
AS Rate (Aust)				0.2	0.1	0.1				0.0	0.1	0.0
Confidence Interval (95%)				0.0 – 0.4	0.0 – 0.2	0.0 – 0.3				0.0 – 0.0	0.0 – 0.2	0.0 – 0.1
AS Rate (World)				0.1	0.1	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.1	0.0 – 0.2				0.0 – 0.0	0.0 – 0.1	0.0 – 0.0
Lifetime Risk				1 in 4579	1 in 8795	1 in 6075				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.1	0.0
Trend 2015–2019 (per annum)				22.8%	10.1%	17.6%				0.0%	undefined	undefined

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 – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	6	2	8	11.7	4.1	8.0	0	1	1	0.0	2.1	1.0
5–9	1	1	2	1.8	1.9	1.9	0	0	0	0.0	0.0	0.0
10–14	3	0	3	5.7	0.0	2.9	0	0	0	0.0	0.0	0.0
15–19	1	1	2	1.9	2.0	1.9	1	0	1	1.9	0.0	1.0
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	1	1	0.0	1.7	0.9
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	0	1	1	0.0	1.7	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	1	0	1	2.2	0.0	1.0	2	0	2	4.3	0.0	2.1
70–74	0	2	2	0.0	4.5	2.3	0	0	0	0.0	0.0	0.0
75–79	0	1	1	0.0	3.2	1.7	0	1	1	0.0	3.2	1.7
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	3.6	2.2	0	1	1	0.0	3.6	2.2
Total/Crude rate	12	10	22	1.4	1.1	1.3	3	4	7	0.3	0.5	0.4
AS Rate (Aust)				1.4	1.1	1.3				0.3	0.4	0.4
Confidence Interval (95%)				0.6 – 2.3	0.4 – 1.8	0.7 – 1.8				0.0 – 0.7	0.0 – 0.8	0.1 – 0.6
AS Rate (World)				1.9	1.1	1.5				0.3	0.4	0.3
Confidence Interval (95%)				0.8 – 3.0	0.3 – 1.9	0.8 – 2.2				0.0 – 0.7	0.0 – 0.8	0.0 – 0.6
Lifetime Risk				1 in 860	1 in 1228	1 in 1001				1 in 3,225	1 in 5,271	1 in 4,075
PYLL										73	120	193
% of all cancers				0.2	0.2	0.2				0.1	0.2	0.2
Trend 2015–2019 (per annum)				-9.7%	-4.6%	-7.3%				15.3%	17.5%	18.8%

Table A2.65 – Chronic lymphocytic leukaemia

South Australia Year – 2019	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	2	3	1.8	3.5	2.6	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	4	2	6	7.1	3.4	5.2	0	0	0	0.0	0.0	0.0
60–64	1	1	2	1.9	1.8	1.9	0	1	1	0.0	1.8	0.9
65–69	8	1	9	17.2	2.0	9.3	2	0	2	4.3	0.0	2.1
70–74	4	3	7	9.7	6.8	8.2	3	2	5	7.3	4.5	5.9
75–79	6	2	8	21.6	6.4	13.5	1	1	2	3.6	3.2	3.4
80–84	6	3	9	32.1	13.0	21.5	0	3	3	0.0	13.0	7.2
85+	3	4	7	17.3	14.2	15.4	4	10	14	23.1	35.5	30.8
Total/Crude rate	34	19	53	3.9	2.1	3.0	10	17	27	1.2	1.9	1.5
AS Rate (Aust)				3.3	1.6	2.4				0.9	1.2	1.1
Confidence Interval (95%)				2.2 – 4.4	0.9 – 2.4	1.8 – 3.1				0.3 – 1.5	0.6 – 1.8	0.7 – 1.5
AS Rate (World)				2.1	1.0	1.5				0.5	0.5	0.5
Confidence Interval (95%)				1.4 – 2.7	0.6 – 1.5	1.1 – 1.9				0.2 – 0.8	0.3 – 0.8	0.3 – 0.7
Lifetime Risk				1 in 506	1 in 1035	1 in 688				1 in 1,726	1 in 3,133	1 in 2,251
PYLL										23	18	40
% of all cancers				0.5	0.4	0.5				0.5	1.0	0.7
Trend 2015–2019 (per annum)				-18.5%	-18.9%	-18.7%				-13.8%	3.3%	-7.5%

Table A2.66 – Other and unspecified lymphoid leukaemia

South Australia Year – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	6	2	8	11.7	4.1	8.0	0	1	1	0.0	2.1	1.0
5–9	1	1	2	1.8	1.9	1.9	0	0	0	0.0	0.0	0.0
10–14	3	0	3	5.7	0.0	2.9	0	0	0	0.0	0.0	0.0
15–19	1	1	2	1.9	2.0	1.9	1	0	1	1.9	0.0	1.0
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	1	1	0.0	1.7	0.9
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	2	2	0.0	3.8	1.9	0	0	0	0.0	0.0	0.0
45–49	0	1	1	0.0	1.7	0.9	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	0	2	3.6	0.0	1.7	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	2	0	2	4.3	0.0	2.1	2	0	2	4.3	0.0	2.1
70–74	0	3	3	0.0	6.8	3.5	0	0	0	0.0	0.0	0.0
75–79	0	1	1	0.0	3.2	1.7	0	1	1	0.0	3.2	1.7
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	3.6	2.2	0	1	1	0.0	3.6	2.2
Total/Crude rate	16	12	28	1.8	1.4	1.6	3	4	7	0.3	0.5	0.4
AS Rate (Aust)				1.9	1.3	1.6				0.3	0.4	0.4
Confidence Interval (95%)				0.9 – 2.8	0.5 – 2.0	1.0 – 2.2				0.0 – 0.7	0.0 – 0.8	0.1 – 0.6
AS Rate (World)				2.2	1.3	1.8				0.3	0.4	0.3
Confidence Interval (95%)				1.1 – 3.4	0.4 – 2.1	1.0 – 2.5				0.0 – 0.7	0.0 – 0.8	0.0 – 0.6
Lifetime Risk				1 in 650	1 in 977	1 in 775				1 in 3,225	1 in 5,271	1 in 4,075
PYLL										73	120	193
% of all cancers				0.2	0.2	0.2				0.1	0.2	0.2
Trend 2015–2019 (per annum)				-10.5%	-6.4%	-8.6%				2.5%	4.4%	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 A2.67 – Acute myeloid leukaemia

South Australia Year – 2019	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	1	2	1.9	2.1	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	2	1	3	3.3	1.8	2.6	1	0	1	1.7	0.0	0.9
25–29	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
30–34	1	3	4	1.7	5.1	3.4	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.8	0.9	0	1	1	0.0	1.8	0.9
40–44	1	2	3	1.9	3.8	2.9	0	0	0	0.0	0.0	0.0
45–49	2	1	3	3.5	1.7	2.6	1	1	2	1.8	1.7	1.8
50–54	1	3	4	1.8	5.3	3.6	2	0	2	3.7	0.0	1.8
55–59	5	1	6	8.9	1.7	5.2	1	0	1	1.8	0.0	0.9
60–64	7	4	11	13.6	7.3	10.4	3	3	6	5.8	5.5	5.7
65–69	8	4	12	17.2	8.0	12.4	3	3	6	6.5	6.0	6.2
70–74	4	3	7	9.7	6.8	8.2	5	0	5	12.1	0.0	5.9
75–79	8	6	14	28.8	19.1	23.6	5	4	9	18.0	12.7	15.2
80–84	7	8	15	37.4	34.5	35.8	6	6	12	32.1	25.9	28.7
85+	5	3	8	28.9	10.7	17.6	5	4	9	28.9	14.2	19.8
Total/Crude rate	53	41	94	6.1	4.6	5.4	32	22	54	3.7	2.5	3.1
AS Rate (Aust)				5.4	3.9	4.6				3.2	1.9	2.5
Confidence Interval (95%)				4.0 – 6.9	2.7 – 5.1	3.7 – 5.6				2.1 – 4.3	1.1 – 2.7	1.8 – 3.2
AS Rate (World)				3.7	2.9	3.3				1.9	1.1	1.5
Confidence Interval (95%)				2.7 – 4.8	2.0 – 3.8	2.6 – 4.0				1.3 – 2.6	0.7 – 1.6	1.1 – 1.9
Lifetime Risk				1 in 306	1 in 440	1 in 363				1 in 601	1 in 1,334	1 in 836
PYLL										215	125	340
% of all cancers				0.8	0.8	0.8				1.5	1.3	1.4
Trend 2015–2019 (per annum)				-1.8%	-3.3%	-2.1%				-0.6%	-9.1%	-4.4%

Table A2.68 – Chronic myeloid leukaemia

South Australia Year – 2019	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	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.8	0.9	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	2	0	2	3.5	0.0	1.8	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	1	2	3	1.8	3.4	2.6	0	0	0	0.0	0.0	0.0
60–64	5	2	7	9.7	3.7	6.6	0	0	0	0.0	0.0	0.0
65–69	2	1	3	4.3	2.0	3.1	0	0	0	0.0	0.0	0.0
70–74	0	1	1	0.0	2.3	1.2	0	0	0	0.0	0.0	0.0
75–79	1	1	2	3.6	3.2	3.4	0	0	0	0.0	0.0	0.0
80–84	2	1	3	10.7	4.3	7.2	1	0	1	5.3	0.0	2.4
85+	0	3	3	0.0	10.7	6.6	3	1	4	17.3	3.6	8.8
Total/Crude rate	17	13	30	2.0	1.5	1.7	4	1	5	0.5	0.1	0.3
AS Rate (Aust)				1.9	1.2	1.5				0.4	0.1	0.2
Confidence Interval (95%)				1.0 – 2.8	0.5 – 1.8	1.0 – 2.1				0.0 – 0.8	0.0 – 0.2	0.0 – 0.4
AS Rate (World)				1.4	0.8	1.1				0.2	0.0	0.1
Confidence Interval (95%)				0.8 – 2.1	0.3 – 1.3	0.7 – 1.5				0.0 – 0.3	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 756	1 in 1347	1 in 972				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.3	0.3	0.3				0.2	0.1	0.1
Trend 2015–2019 (per annum)				3.4%	-5.1%	0.3%				-12.6%	-14.6%	-14.6%

Table A2.69 – Other and unspecified myeloid leukaemia

South Australia Year – 2019	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	3.6	0.0	1.7	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 2015–2019 (per annum)				-17.4%	-18.5%	-16.0%				-1.3%	-16.7%	-5.9%

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 A2.70 – Other specified leukaemias

South Australia Year – 2019	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	1.8	0.9	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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	2	1	3	3.7	1.8	2.7	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	2	0	2	3.9	0.0	1.9	0	0	0	0.0	0.0	0.0
65–69	2	0	2	4.3	0.0	2.1	0	0	0	0.0	0.0	0.0
70–74	1	1	2	2.4	2.3	2.3	0	0	0	0.0	0.0	0.0
75–79	2	0	2	7.2	0.0	3.4	2	0	2	7.2	0.0	3.4
80–84	2	2	4	10.7	8.6	9.6	1	0	1	5.3	0.0	2.4
85+	5	3	8	28.9	10.7	17.6	1	4	5	5.8	14.2	11.0
Total/Crude rate	18	8	26	2.1	0.9	1.5	4	4	8	0.5	0.5	0.5
AS Rate (Aust)				1.9	0.7	1.2				0.4	0.3	0.3
Confidence Interval (95%)				1.0 – 2.8	0.2 – 1.2	0.8 – 1.7				0.0 – 0.8	0.0 – 0.5	0.1 – 0.6
AS Rate (World)				1.2	0.4	0.8				0.2	0.1	0.1
Confidence Interval (95%)				0.6 – 1.7	0.1 – 0.7	0.5 – 1.1				0.1 – 0.3	0.0 – 0.2	0.1 – 0.2
Lifetime Risk				1 in 1103	1 in 3444	1 in 1692				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.3	0.2	0.2				0.2	0.2	0.2
Trend 2015–2019 (per annum)				4.3%	6.7%	4.7%				7.1%	-6.5%	0.9%

Table A2.71 – Leukaemias NOS

South Australia Year – 2019	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	3	3	0.0	10.7	6.6	0	2	2	0.0	7.1	4.4
Total/Crude rate	0	3	3	0.0	0.3	0.2	0	2	2	0.0	0.2	0.1
AS Rate (Aust)				0.0	0.2	0.1				0.0	0.1	0.1
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.4	0.0 – 0.3				0.0 – 0.0	0.0 – 0.3	0.0 – 0.2
AS Rate (World)				0.0	0.1	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.1	0.0 – 0.1				0.0 – 0.0	0.0 – 0.1	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	0.1	0.0				0.0	0.1	0.1
Trend 2015–2019 (per annum)				-11.4%	-9.9%	-9.4%				-20.2%	-16.4%	-17.5%

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

South Australia Year – 2019	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	0.9	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	3	2	5	5.8	3.8	4.8	0	0	0	0.0	0.0	0.0
45–49	7	0	7	12.4	0.0	6.1	0	0	0	0.0	0.0	0.0
50–54	4	3	7	7.3	5.3	6.3	0	0	0	0.0	0.0	0.0
55–59	9	2	11	16.0	3.4	9.6	0	0	0	0.0	0.0	0.0
60–64	14	0	14	27.1	0.0	13.2	0	0	0	0.0	0.0	0.0
65–69	17	4	21	36.6	8.0	21.8	0	0	0	0.0	0.0	0.0
70–74	14	11	25	34.0	25.0	29.4	0	0	0	0.0	0.0	0.0
75–79	6	4	10	21.6	12.7	16.9	2	0	2	7.2	0.0	3.4
80–84	9	4	13	48.1	17.3	31.1	0	0	0	0.0	0.0	0.0
85+	4	7	11	23.1	24.9	24.2	1	2	3	5.8	7.1	6.6
Total/Crude rate	88	37	125	10.2	4.2	7.1	3	2	5	0.3	0.2	0.3
AS Rate (Aust)				8.9	3.1	5.9				0.3	0.1	0.2
Confidence Interval (95%)				7.0 – 10.8	2.1 – 4.1	4.9 – 7.0				0.0 – 0.6	0.0 – 0.3	0.0 – 0.4
AS Rate (World)				6.1	2.0	4.0				0.1	0.0	0.1
Confidence Interval (95%)				4.9 – 7.4	1.3 – 2.6	3.3 – 4.7				0.0 – 0.3	0.0 – 0.1	0.0 – 0.2
Lifetime Risk				1 in 142	1 in 439	1 in 218				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				1.4	0.8	1.1				0.1	0.1	0.1
Trend 2015–2019 (per annum)				-2.5%	-1.3%	-1.7%				107.8%	3.2%	29.1%

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 A2.73 – Melanoma of lip

South Australia Year – 2019	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	1	0	1	2.4	0.0	1.2	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	1	1	0.0	3.6	2.2
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	1	1	0.0	0.1	0.1
AS Rate (Aust)				0.1	0.0	0.0				0.0	0.1	0.0
Confidence Interval (95%)				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1				0.0 – 0.0	0.0 – 0.2	0.0 – 0.1
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 – 0.1	0.0 – 0.0
Lifetime Risk				1 in 8233	N/A	1 in 17028				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.1	0.0
Trend 2015–2019 (per annum)				-21.3%	-25.0%	-22.7%				0.0%	undefined	undefined

Table A2.74 – Melanoma of eyelid, including canthus

South Australia Year – 2019	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	1	0	1	2.2	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	2	0	2	4.9	0.0	2.3	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	1	2	3	5.3	8.6	7.2	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	4	2	6	0.5	0.2	0.3	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.4	0.2	0.3				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.7	0.0 – 0.4	0.1 – 0.5				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 – 0.4	0.0 – 0.1	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 2854	N/A	1 in 5908				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.1	0.0	0.1				0.0	0.0	0.0
Trend 2015–2019 (per annum)				59.2%	46.0%	57.0%				0.0%	0.0%	0.0%

Table A2.75 – Melanoma of ear

South Australia Year – 2019	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	1	2	3	1.9	3.7	2.8	0	0	0	0.0	0.0	0.0
65–69	3	0	3	6.5	0.0	3.1	0	0	0	0.0	0.0	0.0
70–74	4	2	6	9.7	4.5	7.0	0	0	0	0.0	0.0	0.0
75–79	4	1	5	14.4	3.2	8.4	1	0	1	3.6	0.0	1.7
80–84	3	1	4	16.0	4.3	9.6	0	0	0	0.0	0.0	0.0
85+	1	0	1	5.8	0.0	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	16	6	22	1.8	0.7	1.3	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				1.5	0.5	1.0				0.1	0.0	0.0
Confidence Interval (95%)				0.7 – 2.2	0.1 – 0.9	0.6 – 1.4				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				0.9	0.3	0.6				0.1	0.0	0.0
Confidence Interval (95%)				0.5 – 1.2	0.1 – 0.6	0.4 – 0.8				0.0 – 0.1	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 1105	1 in 2434	1 in 1541				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.2	0.1	0.2				0.0	0.0	0.0
Trend 2015–2019 (per annum)				-6.4%	18.5%	-2.3%				-8.0%	-20.0%	-12.3%

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

South Australia Year – 2019	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	2	3	1.7	3.4	2.6	0	0	0	0.0	0.0	0.0
35–39	1	1	2	1.8	1.8	1.8	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	2	1	3	3.5	1.7	2.6	0	0	0	0.0	0.0	0.0
50–54	2	0	2	3.7	0.0	1.8	0	0	0	0.0	0.0	0.0
55–59	7	3	10	12.4	5.1	8.7	0	0	0	0.0	0.0	0.0
60–64	3	3	6	5.8	5.5	5.7	1	0	1	1.9	0.0	0.9
65–69	5	0	5	10.8	0.0	5.2	1	0	1	2.2	0.0	1.0
70–74	6	4	10	14.6	9.1	11.7	0	0	0	0.0	0.0	0.0
75–79	6	6	12	21.6	19.1	20.3	3	0	3	10.8	0.0	5.1
80–84	9	7	16	48.1	30.2	38.2	3	0	3	16.0	0.0	7.2
85+	9	10	19	52.0	35.5	41.8	1	2	3	5.8	7.1	6.6
Total/Crude rate	55	37	92	6.4	4.2	5.3	9	2	11	1.0	0.2	0.6
AS Rate (Aust)				5.7	3.1	4.3				0.9	0.1	0.5
Confidence Interval (95%)				4.2 – 7.2	2.1 – 4.1	3.4 – 5.2				0.3 – 1.5	0.0 – 0.3	0.2 – 0.8
AS Rate (World)				3.7	1.9	2.8				0.5	0.0	0.2
Confidence Interval (95%)				2.7 – 4.6	1.3 – 2.5	2.2 – 3.3				0.2 – 0.7	0.0 – 0.1	0.1 – 0.4
Lifetime Risk				1 in 325	1 in 752	1 in 458				1 in 4,890	N/A	1 in 10,105
PYLL										20	0	20
% of all cancers				0.9	0.8	0.8				0.4	0.1	0.3
Trend 2015–2019 (per annum)				0.8%	1.1%	1.1%				20.3%	0.0%	16.4%

Table A2.77 – Melanoma of scalp and neck

South Australia Year – 2019	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	0.9	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	1	2	1.8	1.8	1.8	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	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	3	1	4	5.5	1.8	3.6	1	0	1	1.8	0.0	0.9
55–59	5	1	6	8.9	1.7	5.2	0	0	0	0.0	0.0	0.0
60–64	7	0	7	13.6	0.0	6.6	0	0	0	0.0	0.0	0.0
65–69	9	1	10	19.4	2.0	10.4	1	0	1	2.2	0.0	1.0
70–74	6	2	8	14.6	4.5	9.4	0	0	0	0.0	0.0	0.0
75–79	9	3	12	32.4	9.5	20.3	2	0	2	7.2	0.0	3.4
80–84	6	2	8	32.1	8.6	19.1	0	0	0	0.0	0.0	0.0
85+	10	6	16	57.8	21.3	35.2	6	0	6	34.7	0.0	13.2
Total/Crude rate	58	19	77	6.7	2.1	4.4	10	0	10	1.2	0.0	0.6
AS Rate (Aust)				5.8	1.6	3.6				1.0	0.0	0.4
Confidence Interval (95%)				4.3 – 7.3	0.9 – 2.4	2.8 – 4.4				0.4 – 1.7	0.0 – 0.0	0.2 – 0.7
AS Rate (World)				3.6	1.1	2.3				0.5	0.0	0.2
Confidence Interval (95%)				2.7 – 4.5	0.6 – 1.6	1.8 – 2.8				0.2 – 0.8	0.0 – 0.0	0.1 – 0.3
Lifetime Risk				1 in 297	1 in 1296	1 in 493				1 in 5,016	N/A	1 in 10,313
PYLL										30	0	30
% of all cancers				0.9	0.4	0.7				0.5	0.0	0.3
Trend 2015–2019 (per annum)				2.0%	5.3%	2.3%				-10.9%	14.9%	-9.3%

Table A2.78 – Melanoma of trunk

South Australia Year – 2019	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	1	2	1.7	1.8	1.7	0	0	0	0.0	0.0	0.0
25–29	1	2	3	1.7	3.4	2.6	0	0	0	0.0	0.0	0.0
30–34	6	5	11	10.3	8.4	9.4	0	0	0	0.0	0.0	0.0
35–39	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
40–44	3	5	8	5.8	9.6	7.7	1	0	1	1.9	0.0	1.0
45–49	5	3	8	8.9	5.2	7.0	0	0	0	0.0	0.0	0.0
50–54	14	6	20	25.7	10.7	18.1	0	0	0	0.0	0.0	0.0
55–59	14	5	19	24.9	8.6	16.6	2	0	2	3.6	0.0	1.7
60–64	29	6	35	56.2	11.0	33.0	1	0	1	1.9	0.0	0.9
65–69	27	10	37	58.1	20.0	38.3	1	1	2	2.2	2.0	2.1
70–74	43	12	55	104.5	27.3	64.6	0	0	0	0.0	0.0	0.0
75–79	21	2	23	75.6	6.4	38.8	3	1	4	10.8	3.2	6.8
80–84	14	4	18	74.9	17.3	43.0	2	0	2	10.7	0.0	4.8
85+	15	7	22	86.7	24.9	48.4	2	1	3	11.6	3.6	6.6
Total/Crude rate	193	69	262	22.3	7.8	15.0	12	3	15	1.4	0.3	0.9
AS Rate (Aust)				19.1	6.7	12.5				1.2	0.2	0.7
Confidence Interval (95%)				16.4 – 21.8	5.0 – 8.3	11.0 – 14.0				0.5 – 1.9	0.0 – 0.5	0.3 – 1.1
AS Rate (World)				13.0	5.1	8.8				0.8	0.1	0.4
Confidence Interval (95%)				11.2 – 14.7	3.9 – 6.3	7.8 – 9.9				0.4 – 1.1	0.0 – 0.3	0.2 – 0.6
Lifetime Risk				1 in 68	1 in 186	1 in 101				1 in 2,091	1 in 10,006	1 in 3,496
PYLL										88	8	95
% of all cancers				3.0	1.4	2.3				0.6	0.2	0.4
Trend 2015–2019 (per annum)				-1.7%	-0.2%	-1.3%				-8.8%	-11.1%	-8.9%

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 A2.79 – Melanoma of upper limb, including shoulder

South Australia Year – 2019	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	1	2	1.7	1.8	1.7	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
30–34	2	1	3	3.4	1.7	2.6	0	0	0	0.0	0.0	0.0
35–39	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
40–44	5	5	10	9.6	9.6	9.6	0	0	0	0.0	0.0	0.0
45–49	9	12	21	16.0	20.9	18.4	0	0	0	0.0	0.0	0.0
50–54	6	5	11	11.0	8.9	9.9	0	0	0	0.0	0.0	0.0
55–59	8	21	29	14.2	36.0	25.3	0	0	0	0.0	0.0	0.0
60–64	12	15	27	23.3	27.5	25.5	1	0	1	1.9	0.0	0.9
65–69	12	13	25	25.8	26.0	25.9	2	0	2	4.3	0.0	2.1
70–74	28	17	45	68.0	38.7	52.9	0	0	0	0.0	0.0	0.0
75–79	18	18	36	64.8	57.2	60.8	2	1	3	7.2	3.2	5.1
80–84	6	7	13	32.1	30.2	31.1	1	3	4	5.3	13.0	9.6
85+	10	13	23	57.8	46.2	50.6	0	2	2	0.0	7.1	4.4
Total/Crude rate	118	130	248	13.6	14.7	14.2	6	6	12	0.7	0.7	0.7
AS Rate (Aust)				11.7	12.1	11.9				0.6	0.5	0.5
Confidence Interval (95%)				9.6 – 13.9	10.0 – 14.2	10.4 – 13.4				0.1 – 1.0	0.1 – 0.8	0.2 – 0.8
AS Rate (World)				8.1	8.6	8.3				0.4	0.2	0.3
Confidence Interval (95%)				6.7 – 9.5	7.1 – 10.1	7.3 – 9.4				0.1 – 0.6	0.1 – 0.3	0.1 – 0.4
Lifetime Risk				1 in 115	1 in 115	1 in 115				1 in 3,205	N/A	1 in 6,633
PYLL										28	0	28
% of all cancers				1.8	2.6	2.2				0.3	0.4	0.3
Trend 2015–2019 (per annum)				2.6%	2.7%	2.9%				-4.5%	6.4%	-1.0%

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

South Australia Year – 2019	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	4	4	0.0	7.1	3.4	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	1	3	3.4	1.7	2.6	0	0	0	0.0	0.0	0.0
35–39	4	1	5	7.1	1.8	4.4	0	0	0	0.0	0.0	0.0
40–44	5	1	6	9.6	1.9	5.8	0	0	0	0.0	0.0	0.0
45–49	3	6	9	5.3	10.4	7.9	0	0	0	0.0	0.0	0.0
50–54	8	9	17	14.7	16.0	15.4	0	0	0	0.0	0.0	0.0
55–59	8	14	22	14.2	24.0	19.2	0	0	0	0.0	0.0	0.0
60–64	11	7	18	21.3	12.9	17.0	0	0	0	0.0	0.0	0.0
65–69	11	7	18	23.7	14.0	18.7	1	0	1	2.2	0.0	1.0
70–74	7	11	18	17.0	25.0	21.1	1	1	2	2.4	2.3	2.3
75–79	7	10	17	25.2	31.8	28.7	1	0	1	3.6	0.0	1.7
80–84	6	7	13	32.1	30.2	31.1	1	0	1	5.3	0.0	2.4
85+	3	13	16	17.3	46.2	35.2	1	3	4	5.8	10.7	8.8
Total/Crude rate	75	92	167	8.7	10.4	9.5	5	4	9	0.6	0.5	0.5
AS Rate (Aust)				7.9	8.6	8.3				0.5	0.3	0.4
Confidence Interval (95%)				6.1 – 9.8	6.8 – 10.4	7.0 – 9.6				0.1 – 0.9	0.0 – 0.5	0.1 – 0.6
AS Rate (World)				5.8	6.2	6.0				0.3	0.1	0.2
Confidence Interval (95%)				4.6 – 7.1	4.9 – 7.5	5.1 – 6.9				0.1 – 0.4	0.0 – 0.2	0.1 – 0.3
Lifetime Risk				1 in 172	1 in 172	1 in 172				1 in 4,367	1 in 8,795	1 in 5,908
PYLL										10	3	13
% of all cancers				1.2	1.9	1.5				0.2	0.2	0.2
Trend 2015–2019 (per annum)				3.7%	0.2%	1.6%				-6.3%	-16.2%	-12.1%

Table A2.81 – Melanoma of other site

South Australia Year – 2019	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	1	0	1	2.2	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	1	0	1	2.4	0.0	1.2	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	5.8	0.0	2.2	0	0	0	0.0	0.0	0.0
Total/Crude rate	3	0	3	0.3	0.0	0.2	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.3	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.6	0.0 – 0.0	0.0 – 0.3				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 – 0.3	0.0 – 0.0	0.0 – 0.1				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 4367	N/A	1 in 9047				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 2015–2019 (per annum)				undefined	0.0%	undefined				-33.3%	0.0%	-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 A2.82 – Melanoma, site unspecified

South Australia Year – 2019	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	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	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	1	1	0.0	3.6	2.2
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	1	1	0.0	0.1	0.1
AS Rate (Aust)				0.1	0.0	0.1				0.0	0.1	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2				0.0 – 0.0	0.0 – 0.2	0.0 – 0.1
AS Rate (World)				0.1	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1				0.0 – 0.0	0.0 – 0.1	0.0 – 0.0
Lifetime Risk				1 in 11265	N/A	1 in 22934				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.1	0.0
Trend 2015–2019 (per annum)				-13.3%	-15.7%	-15.3%				-22.1%	-24.8%	-22.6%

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)

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, 2019

MALES							
ICD-O-3	Site	Inc	Mort	M/I%	HV%	MV%	DCO%
C00	Lip	49	3	6	100	100	0.0
C01 C02	Tongue	53	19	36	94	98	0.0
C09 C10	Oropharynx	52	10	19	94	96	0.0
C16	Stomach	133	91	68	95	95	3.3
C18-C20	Colon and rectum	631	203	32	96	96	2.5
C22	Liver and intrahepatic bile ducts	115	77	67	50	52	3.9
C23 C24	Gallbladder and bile ducts	35	32	91	66	69	0.0
C25	Pancreas	160	148	93	66	80	4.1
C33 C34	Trachea, bronchus and lung	599	431	72	73	86	4.6
C38	Heart, mediastinum and pleura	51	51	100	88	90	0.0
C44._ + M872-879	Melanoma of skin	524	43	8	100	100	0.0
C61.9	Prostate	2022	264	13	98	98	3.8
C62	Testis	54	1	2	98	100	0.0
C64	Kidney	252	68	27	94	94	2.9
C67	Bladder	225	96	43	91	92	6.3
C71	Brain	92	72	78	82	82	5.6
C73	Thyroid gland	49	9	18	94	100	0.0
C26 C39 C42 C76 C77 C80	Other and unspecified primary	176	112	64	68	77	11.6
M9591 9597 967-972 9735 9737 9738	Non-Hodgkin lymphoma	282	83	29	98	98	2.4
M965-966	Hodgkin lymphoma	37	4	11	100	100	0.0
M9731-9734	Multiple myeloma/Plasma cell tumours	118	41	35	94	95	0.0
M980-994	All leukaemias	143	53	37	90	97	0.0
M998 999	Myelodysplastic syndromes	57	31	54	82	86	3.2
All cancers		6442	2166	34	91	94	3.7

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, 2019

FEMALES							
ICD-O-3	Site	Inc	Mort	M/I%	HV%	MV%	DCO%
C00	Lip	20	2	10	95	95	0.0
C01 C02	Tongue	25	11	44	92	92	0.0
C09 C10	Oropharynx	5	3	60	100	100	0.0
C16	Stomach	54	35	65	91	91	0.0
C18-C20	Colon and rectum	579	170	29	95	95	4.7
C22	Liver and intrahepatic bile ducts	54	37	69	57	61	10.8
C23 C24	Gallbladder and bile ducts	43	40	93	72	79	2.5
C25	Pancreas	152	130	86	59	76	6.2
C33 C34	Trachea, bronchus and lung	457	300	66	75	86	4.7
C38	Heart, mediastinum and pleura	12	17	142	75	83	5.9
C44._ + M872-879	Melanoma of skin	355	17	5	100	100	0.0
C50	Female breast	1416	222	16	99	99	2.3
C51	Vulva	33	14	42	100	100	0.0
C53	Cervix uteri	75	16	21	99	99	0.0
C54 C55	Body of the uterus	234	53	23	99	100	0.0
C56.9	Ovary	86	61	71	86	93	1.6
C64	Kidney	107	24	22	88	88	4.2
C67	Bladder	53	26	49	89	89	15.4
C71	Brain	65	44	68	82	82	2.3
C73	Thyroid gland	132	4	3	95	100	0.0
C26 C39 C42 C76 C77 C80	Other and unspecified primary	156	113	72	54	65	22.1
M9591 9597 967-972 9735 9737 9738	Non-Hodgkin lymphoma	198	49	25	92	95	0.0
M965-966	Hodgkin lymphoma	11	5	45	91	100	0.0
M9731-9734	Multiple myeloma/Plasma cell tumours	68	36	53	84	85	2.8
M980-994	All leukaemias	99	50	51	77	88	12.0
M998 999	Myelodysplastic syndromes	40	18	45	88	93	0.0
All cancers		4907	1642	33	90	93	5.1

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 34% and for females was 33%.

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 3.7% and for females was 5.1%.

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 94% and for females was 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%.

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