

Cancer in South Australia 2021

With projections to 2024



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Contents

Acknowledgements.....	3
Contents	4
List of Tables	5
List of Figures	5
Executive Summary	6
Introduction	8
Annual Report.....	8
The Collection.....	8
Data Sources.....	9
Quality Assurance.....	10
The Report.....	10
Most Common Cancers in 2021	11
Incidence	11
Mortality	17
Trends in Cancer Incidence and Mortality.....	23
Incidence	23
Mortality	24
Projections	25
Most Common Cancers	26
Appendix 1 – Methods and Terminology.....	31
Appendix 2 – List of Site-Specific Tables.....	33
Appendix 3 – Quality Measures	63

List of Tables

Table 1 - South Australian persons: incidence, age-standardised rates, lifetime risk, leading cancer types, 2021.....	13
Table 2 - South Australian males: incidence, age-standardised rates, lifetime risk, leading cancer types, 2021.....	14
Table 3 - South Australian females: incidence, age-standardised rates, lifetime risk, leading cancer types, 2021.....	15
Table 4 - South Australian persons: mortality, age-standardised rates, lifetime risk, leading cancer types, 2021	19
Table 5 - South Australian males: mortality, age-standardised rates, lifetime risk, leading cancer types, 2021	20
Table 6 - South Australian females: mortality, age-standardised rates, lifetime risk, leading cancer types, 2021	21
Table 7 - Male cancer incidence, mortality rates (2021) and projections (2022-2024), South Australia.....	25
Table 8 - Female cancer incidence, mortality rates (2021) and projections (2022-2024), South Australia	25

List of Figures

Figure 1 - Most common cancers in South Australia 2021 – Males	11
Figure 2 - Most common cancers in South Australia 2021 – Females	12
Figure 3 - Most common cancers in South Australia 2021, by age group.....	16
Figure 4 - Most common cancer deaths in South Australia 2021 – Males	17
Figure 5 - Most common cancer deaths in South Australia 2021 – Females	18
Figure 6 - Most common cancer deaths in South Australia 2021, by age group	22
Figure 7 - Trends in cancer incidence - numbers and rates, South Australia, 1977-2021.....	23
Figure 8 - Trends in cancer mortality - numbers and rates, South Australia, 1977-2021	24
Figure 9 – Female breast cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024.....	26
Figure 10 - Prostate cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024	27
Figure 11 - Lung cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024.....	28
Figure 12 - Colorectal cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024	29
Figure 13 - Melanoma incidence and mortality, South Australia, 1977-2021 with projections to 2024.....	30

Executive Summary

In 2021 there were 11,625 new cases of cancer diagnosed in South Australia (age standardised rate 519.4 per 100,000 population), while there were 3,752 cancer deaths (157.5 per 100,000 population).

Between 2017 and 2021 male incidence rates increased by 0.2% per annum, while female incidence rates decreased by 1.0% per annum. Mortality rates in males decreased by 1.8% per annum between 2017 and 2021 and female mortality rates decreased by 2.4%.

Cancer is a disease predominantly affecting the older population. In South Australia in 2021 people aged over 65 accounted for 64.0% of all cancers and 81.3% of all cancer deaths. The lifetime risk of being diagnosed with cancer in South Australia (calculated to age 75) was 1 in 3 for males and 1 in 4 for females. The lifetime risk of mortality from cancer in South Australia was 1 in 11 for males and 1 in 16 for females.

In 2021 the most common cancers for males were prostate cancer, which accounted for 34.9% of all male cancers, colorectal cancer (9.4%) and lung cancer (8.0%). The most common cancers for females in 2021 were breast cancer, which accounted for 29.4% of all female cancers, colorectal cancer (11.1%) and lung cancer (9.0%).

Lung cancer remained the leading cause of cancer death among South Australian males (18.8%), followed by prostate cancer (13.9%) and colorectal cancer (10.3%). Lung cancer (19.1%), breast cancer (12.9%) and colorectal cancer (11.6%) were the leading causes of cancer deaths among females in South Australia during 2021.

Lung cancer incidence rates in males have decreased by 3.0% per annum between 2017 and 2021, and rates are projected to increase slightly between 2022 and 2024. Lung cancer mortality rates in males have decreased by 3.1% per annum over the same period, and are projected to plateau between 2022 and 2024. Lung cancer incidence rates in females have decreased by 2.6% per annum between 2017 and 2021, however longer-term trends show an increasing rate between 2022 and 2024. Mortality rates for females have decreased by 1.9% per annum between 2017 and 2021 and are projected to plateau between 2022 and 2024.

Prostate cancer incidence rates in South Australia have increased by 5.5% per annum between 2017 and 2021, and mortality rates have decreased by 0.3% per annum over the same period. Prostate cancer incidence rates are projected to increase, while mortality rates are projected to decrease slightly between 2022 and 2024.

Melanoma incidence rates in males decreased by 0.2% per annum between 2017 and 2021, while mortality rates have decreased by 6.1% per annum over the same period. Melanoma incidence rates in females have increased by 2.6% per annum between 2017 and 2021, while mortality rates have increased by 19.1% per annum. This increase represents an increase from 13 deaths in 2017 to 25 deaths in 2021.

Female breast cancer incidence rates decreased by 1.3% per annum between 2017 and 2021, while mortality rates decreased by 2.6% over the same period. Female breast cancer incidence rates are projected to plateau between 2021 and 2024, while mortality rates are projected to decrease.

Colorectal cancer incidence rates in males have decreased by 2.4% per annum between 2017 and 2021, and mortality rates have decreased by 3.7% per annum over the same period. Colorectal cancer incidence rates in females have decreased by 3.0% per annum between 2017 and 2021, and mortality rates have decreased by 1.5% per annum over the same period. Colorectal cancer incidence and mortality rates for males and females are projected to decrease between 2021 and 2024.

In Australia, The National Strategy for the Elimination of Cervical Cancer in Australia was released in 2023 and aims to eliminate cervical cancer as a public health problem in Australia by 2035. This is defined as less than four new cases of cervical cancer per 100,000 population. In South Australia in 2021, rate of cancer of the cervix was 7.7 cases per 100,000 population.

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 2021 report presents the cancer data for 2021, describes the trends in cancer in South Australia over the years 2017-2021, and projects incidence and mortality rates from 2022 to 2024.

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 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 2021 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) Variation Regulations 2021 under the *Health Care Act 2008*. For cancers diagnosed in 2021 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. It is estimated that the SACR is near 100% ascertainment.

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 2020 SACR annual report there were 10,995 new cancers reported, and our currently reported total for 2020 cancers is 11,213.

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 2024.

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 2021

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 2021, examining incidence (new cases) and mortality (deaths), by both sex and age groups.

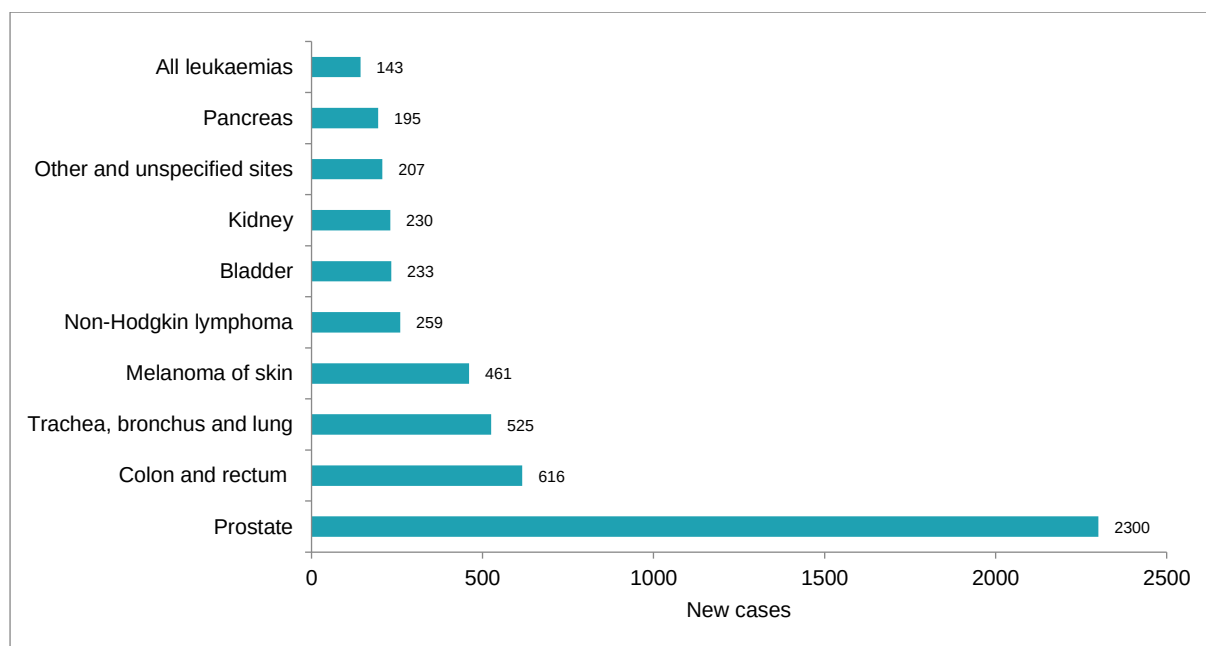
Incidence

In 2021, there were 11,625 new diagnoses of cancer in South Australia (Table 1). There were 6,586 cancers diagnosed in males (ASR 611.5 per 100,000) and 5,039 in females (ASR 441.4 per 100,000) resulting in an age-adjusted male-female ratio of 1.39. (Table 2 and Table 3). Cancers in males accounted for 56.7% of all cases, with 1 in 3 males and 1 in 4 females being diagnosed with invasive cancer in their lifetime (calculated to age 75, see Methods and Terminology).

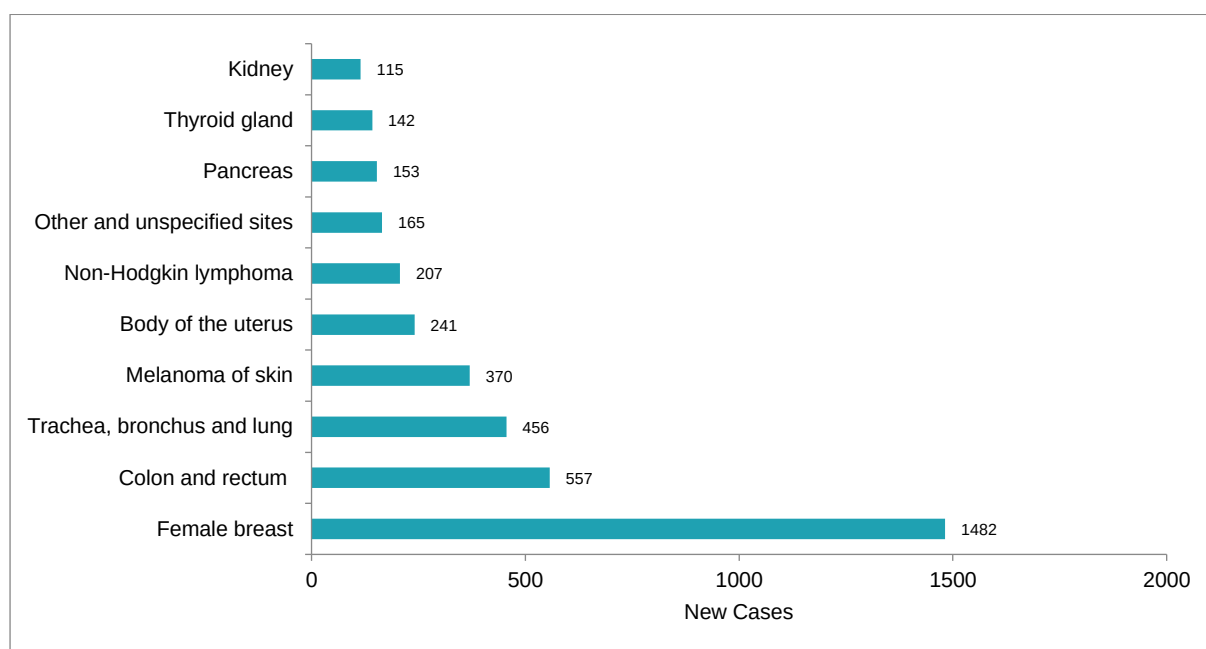
Prostate cancer was the most commonly reported cancer in males, accounting for 34.9% of all cancers. Colorectal cancer (9.4%), lung cancer (8.0%), melanoma of skin (7.0%), and Non-Hodgkin Lymphoma (3.9%) were the next most common cancers among males. These five cancers accounted for 63.2% of all newly diagnosed cancers among males in 2021 (Table 2 and Figure 1).

In Australia, The National Strategy for the Elimination of Cervical Cancer in Australia was released in 2023 and aims to eliminate cervical cancer as a public health problem in Australia by 2035. This is defined as less than four new cases of cervical cancer per 100,000 population. In South Australia in 2021, rate of cancer of the cervix was 7.7 cases per 100,000 population.

Figure 1 - Most common cancers in South Australia 2021 – Males



Breast cancer remained the most commonly reported cancer in females, accounting for 29.4% of all cancers, followed by colorectal cancer (11.1%), lung cancer (9.0%), melanoma of skin (7.3%) and uterine cancers (4.8%). These five cancers accounted for 61.6% of all cancers diagnosed among females in 2021 (Table 3 and Figure 2).

Figure 2 - Most common cancers in South Australia 2021 – Females

Cancer was predominantly a disease of the elderly in South Australia with 64.0% occurring in the 65 years and over age group (7,435 cases, Table A2.61). of cancer diagnosed.

In children under the age of 15 years, there were 62 cases in 2021, 34 males and 28 females (Table A2.61). The most common childhood cancers were leukaemia (21 cases) and bone cancer (6 cases) (Figure 3).

For people in the 15 to 44 year age group there were 658 cancers diagnosed in 2021, 255 males and 403 females (Table A2.61). The most common cancers in this age group were female breast cancer (111 cases), colorectal cancer (80 cases), melanoma of skin (74 cases), thyroid cancer (52 cases), and testicular cancer (39 cases, Figure 3).

In the 45 to 64 year age group there were 3,470 cancers diagnosed in 2021 – 1,789 males and 1,681 females (Table A2.61). The most common cancers in this age group were female breast cancer (643 cases), prostate cancer (615 cases), colorectal cancer (306 cases), melanoma of skin (255 cases), and lung cancer (244 cases) (Figure 3).

Below the age of 55, female cases for all cancers (1,056 cases) outnumber male cases (740 cases). This trend reverses from 55 years of age, when male cases predominate (59.5% 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 7,435 cancers diagnosed in 2021 – 4,508 male cancers and 2,927 female cancers (Table A2.61). The most common cancers in this age group were prostate cancer (1,680 cases), colorectal cancer (784 cancers), female breast cancer (728 cases), lung cancer (727 cases), and melanoma of skin (502 cases) (Figure 3). Colorectal cancer is traditionally diagnosed in older patients although the South Australian data for 2021 show that incidence is beginning from age 5 to 9 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, 2021

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Prostate	2300	97.3	64.0	1 in 13	19.8
Female breast	1482	70.2	50.6	1 in 19	12.7
Colon and rectum	1173	52.1	34.5	1 in 29	10.1
Trachea, bronchus and lung	981	41.6	26.0	1 in 37	8.4
Melanoma of skin	831	37.9	26.2	1 in 38	7.1
Non-Hodgkin lymphoma	466	20.7	14.2	1 in 69	4.0
Other and unspecified sites	372	15.9	9.6	1 in 115	3.2
Pancreas	348	15.1	9.7	1 in 101	3.0
Kidney	345	16.1	11.5	1 in 81	3.0
Bladder	306	12.6	7.3	1 in 158	2.6
Body of the uterus	241	11.2	8.0	1 in 114	2.1
All leukaemias	222	10.2	7.6	1 in 159	1.9
Thyroid gland	206	10.9	8.9	1 in 121	1.8
Liver and intrahepatic bile ducts	192	8.6	5.6	1 in 182	1.7
Multiple myeloma/Plasma cell tumours	171	7.4	4.6	1 in 225	1.5
Stomach	159	6.9	4.5	1 in 217	1.4
Brain	157	7.7	6.1	1 in 177	1.4
Connective and other soft tissue	139	6.1	4.1	1 in 293	1.2
Oesophagus	129	5.5	3.5	1 in 252	1.1
Gallbladder and bile ducts	103	4.4	2.6	1 in 427	0.9
Ovary	92	4.3	3.0	1 in 348	0.8
Myelodysplastic syndromes	85	3.5	1.9	1 in 796	0.7
Small intestine	70	3.1	2.1	1 in 415	0.6
Cervix uteri	70	3.9	3.5	1 in 351	0.6
Oropharynx	66	3.3	2.4	1 in 364	0.6
Tongue	65	3.0	2.1	1 in 402	0.6
Hodgkin lymphoma	57	3.0	2.8	1 in 506	0.5
Heart, mediastinum and pleura	52	2.1	1.2	1 in 1042	0.4
Testis	52	3.1	3.2	1 in 441	0.4
Skin of lip	51	2.3	1.5	1 in 658	0.4
Mouth	49	2.3	1.5	1 in 684	0.4
Larynx	49	2.1	1.4	1 in 549	0.4
Lip	48	2.2	1.5	1 in 597	0.4
Renal pelvis, other and unspecified urinary organs	47	1.9	1.1	1 in 959	0.4
Other chronic myeloproliferative and haematological disorders	47	2.2	1.5	1 in 774	0.4
Salivary gland	38	1.7	1.2	1 in 798	0.3
Anus, anal canal, anorectum	34	1.6	1.1	1 in 867	0.3
Eye	32	1.5	1.1	1 in 892	0.3
Vulva	31	1.4	0.8	1 in 1336	0.3
Other and unspecified female genitalia	30	1.3	0.9	1 in 1430	0.3
Polycythaemia vera	30	1.4	1.0	1 in 1033	0.3
Bone, joints and articular cartilage	27	1.4	1.3	1 in 893	0.2
Nose, nasal cavities, middle ear and accessory sinuses	21	1.0	0.7	1 in 1240	0.2
Retroperitoneum and peritoneum	21	0.9	0.6	1 in 1974	0.2
Male breast	17	0.7	0.4	1 in 2251	0.1
Hypopharynx	15	0.7	0.5	1 in 1933	0.1
Immunoproliferative neoplasms	14	0.6	0.4	1 in 2091	0.1
Nasopharynx	13	0.7	0.6	1 in 2072	0.1
Penis	13	0.6	0.3	1 in 2950	0.1
Other lymphomas	12	0.5	0.3	1 in 4153	0.1
Cranial nerves, spinal cord, meninges etc.	11	0.6	0.6	1 in 2242	0.1
Other endocrine glands	11	0.6	0.5	1 in 2458	0.1
Thymus	7	0.3	0.3	1 in 3773	0.1
Skin of anus (including perineum, perianal skin)	7	0.3	0.2	1 in 5417	0.1
Vagina	6	0.3	0.2	1 in 4199	0.1
Other male genital organs	6	0.3	0.1	1 in 7297	0.1
Malignancy of histiocytes and accessory lymphoid cells	3	0.2	0.1	1 in 10571	0.0
Unspecified sites - lip, oral cavity and pharynx	2	0.1	0.1	1 in 10308	0.0
Mast cell tumours	1	0.1	0.1	1 in 24223	0.0
Placenta	0	0.0	0.0	N/A	0.0
All cancers	11625	519.4	353.4	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, 2021

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Prostate	2300	205.5	134.2	1 in 6	34.9
Colon and rectum	616	58.7	38.5	1 in 26	9.4
Trachea, bronchus and lung	525	47.6	29.3	1 in 34	8.0
Melanoma of skin	461	43.6	29.1	1 in 32	7.0
Non-Hodgkin lymphoma	259	24.2	16.4	1 in 60	3.9
Bladder	233	21.0	12.0	1 in 94	3.5
Kidney	230	22.4	15.9	1 in 58	3.5
Other and unspecified sites	207	19.3	11.8	1 in 88	3.1
Pancreas	195	18.2	11.8	1 in 81	3.0
All leukaemias	143	13.9	10.2	1 in 116	2.2
Liver and intrahepatic bile ducts	132	12.7	7.9	1 in 129	2.0
Stomach	106	9.7	6.1	1 in 157	1.6
Multiple myeloma/Plasma cell tumours	98	9.1	5.7	1 in 168	1.5
Connective and other soft tissue	92	8.9	5.5	1 in 252	1.4
Oesophagus	91	8.2	5.3	1 in 158	1.4
Brain	89	9.0	7.2	1 in 144	1.4
Thyroid gland	64	6.7	5.3	1 in 186	1.0
Oropharynx	56	5.7	4.2	1 in 205	0.9
Gallbladder and bile ducts	52	4.8	2.6	1 in 474	0.8
Testis	52	6.2	6.3	1 in 221	0.8
Myelodysplastic syndromes	51	4.7	2.4	1 in 648	0.8
Small intestine	48	4.5	3.0	1 in 283	0.7
Tongue	45	4.4	3.2	1 in 261	0.7
Larynx	45	4.1	2.7	1 in 287	0.7
Heart, mediastinum and pleura	44	4.1	2.2	1 in 643	0.7
Lip	34	3.3	2.3	1 in 407	0.5
Renal pelvis, other and unspecified urinary organs	31	2.8	1.6	1 in 693	0.5
Hodgkin lymphoma	28	3.0	2.7	1 in 540	0.4
Mouth	27	2.6	1.8	1 in 626	0.4
Other chronic myeloproliferative and haematological disorders	27	2.7	1.8	1 in 610	0.4
Skin of lip	24	2.4	1.6	1 in 666	0.4
Salivary gland	19	1.8	1.1	1 in 845	0.3
Eye	19	1.8	1.2	1 in 731	0.3
Male breast	17	1.5	0.9	1 in 1085	0.3
Polycythaemia vera	16	1.6	1.2	1 in 881	0.2
Hypopharynx	13	1.2	0.8	1 in 1159	0.2
Bone, joints and articular cartilage	13	1.4	1.3	1 in 911	0.2
Penis	13	1.3	0.7	1 in 1424	0.2
Nasopharynx	11	1.3	1.0	1 in 1128	0.2
Anus, anal canal, anorectum	10	0.9	0.6	1 in 1706	0.2
Nose, nasal cavities, middle ear and accessory sinuses	9	0.8	0.6	1 in 1375	0.1
Immunoproliferative neoplasms	9	0.8	0.5	1 in 1711	0.1
Other male genital organs	6	0.6	0.3	1 in 3539	0.1
Other lymphomas	6	0.6	0.3	1 in 5173	0.1
Retroperitoneum and peritoneum	5	0.5	0.4	1 in 2613	0.1
Cranial nerves, spinal cord, meninges etc.	5	0.6	0.5	1 in 2308	0.1
Other endocrine glands	4	0.4	0.4	1 in 3333	0.1
Thymus	2	0.2	0.1	1 in 5232	0.0
Skin of anus (including perineum, perianal skin)	2	0.2	0.1	N/A	0.0
Mast cell tumours	1	0.1	0.1	1 in 12041	0.0
Malignancy of histiocytes and accessory lymphoid cells	1	0.1	0.2	1 in 9977	0.0
All cancers	6586	611.5	403.1	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 3 - South Australian females: incidence, age-standardised rates, lifetime risk, leading cancer types, 2021

Site Name	Incidence				
	New Cases	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Female breast	1482	135.3	98.2	1 in 10	29.4
Colon and rectum	557	46.4	31.0	1 in 33	11.1
Trachea, bronchus and lung	456	36.6	23.1	1 in 40	9.0
Melanoma of skin	370	33.2	23.9	1 in 44	7.3
Body of the uterus	241	21.6	15.5	1 in 59	4.8
Non-Hodgkin lymphoma	207	17.5	12.1	1 in 81	4.1
Other and unspecified sites	165	12.7	7.4	1 in 162	3.3
Pancreas	153	12.3	7.7	1 in 130	3.0
Thyroid gland	142	14.9	12.4	1 in 90	2.8
Kidney	115	10.4	7.5	1 in 126	2.3
Ovary	92	8.1	5.8	1 in 179	1.8
All leukaemias	79	6.9	5.2	1 in 245	1.6
Bladder	73	5.6	3.2	1 in 445	1.4
Multiple myeloma/Plasma cell tumours	73	5.9	3.7	1 in 327	1.4
Cervix uteri	70	7.7	6.9	1 in 178	1.4
Brain	68	6.4	5.0	1 in 227	1.3
Liver and intrahepatic bile ducts	60	5.1	3.5	1 in 299	1.2
Stomach	53	4.5	3.1	1 in 338	1.1
Gallbladder and bile ducts	51	4.1	2.6	1 in 390	1.0
Connective and other soft tissue	47	4.0	3.0	1 in 347	0.9
Oesophagus	38	3.0	1.8	1 in 563	0.8
Myelodysplastic syndromes	34	2.6	1.6	1 in 997	0.7
Vulva	31	2.6	1.6	1 in 686	0.6
Other and unspecified female genitalia	30	2.5	1.7	1 in 733	0.6
Hodgkin lymphoma	29	3.0	2.9	1 in 478	0.6
Skin of lip	27	2.3	1.5	1 in 653	0.5
Anus, anal canal, anorectum	24	2.2	1.6	1 in 589	0.5
Mouth	22	2.0	1.3	1 in 750	0.4
Small intestine	22	1.9	1.3	1 in 736	0.4
Tongue	20	1.6	1.0	1 in 822	0.4
Other chronic myeloproliferative and haematological disorders	20	1.8	1.3	1 in 1034	0.4
Salivary gland	19	1.7	1.3	1 in 755	0.4
Retroperitoneum and peritoneum	16	1.3	0.8	1 in 1605	0.3
Renal pelvis, other and unspecified urinary organs	16	1.2	0.7	1 in 1491	0.3
Lip	14	1.2	0.8	1 in 1073	0.3
Bone, joints and articular cartilage	14	1.4	1.3	1 in 876	0.3
Polycythaemia vera	14	1.2	0.9	1 in 1239	0.3
Eye	13	1.2	1.0	1 in 1109	0.3
Nose, nasal cavities, middle ear and accessory sinuses	12	1.2	0.9	1 in 1119	0.2
Oropharynx	10	1.0	0.7	1 in 1393	0.2
Heart, mediastinum and pleura	8	0.6	0.3	1 in 2484	0.2
Other endocrine glands	7	0.7	0.7	1 in 1936	0.1
Vagina	6	0.5	0.4	1 in 2161	0.1
Cranial nerves, spinal cord, meninges etc.	6	0.6	0.6	1 in 2166	0.1
Other lymphomas	6	0.5	0.3	1 in 3536	0.1
Thymus	5	0.5	0.4	1 in 2955	0.1
Skin of anus (including perineum, perianal skin)	5	0.5	0.3	1 in 2781	0.1
Immunoproliferative neoplasms	5	0.4	0.3	1 in 2655	0.1
Larynx	4	0.3	0.2	1 in 3656	0.1
Nasopharynx	2	0.2	0.1	1 in 11654	0.0
Hypopharynx	2	0.2	0.1	1 in 5310	0.0
Unspecified sites - lip, oral cavity and pharynx	2	0.2	0.1	1 in 5326	0.0
Malignancy of histiocytes and accessory lymphoid cells	2	0.2	0.1	1 in 11625	0.0
All cancers	5039	441.4	310.8	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

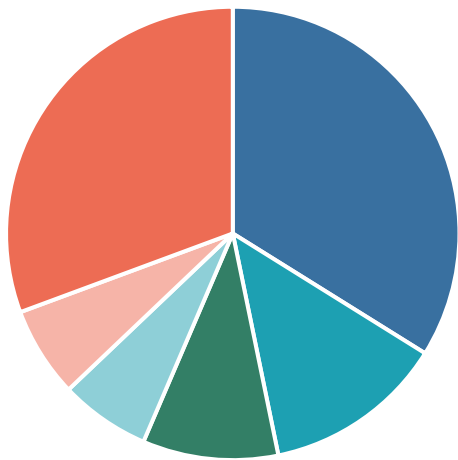
Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

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 2021, by age group

Ages 0 - 14 years (n=62)



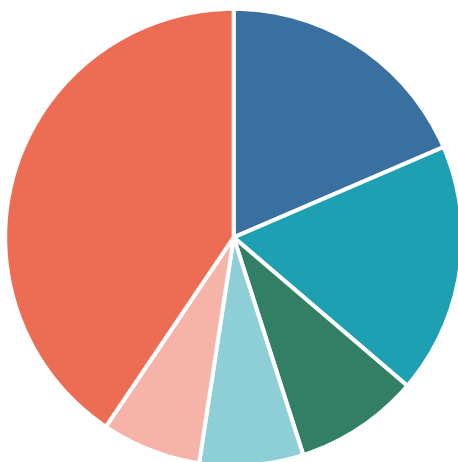
- All leukaemias - 34%
- Brain - 13%
- Bone, joints and articular cartilage - 10%
- Liver and intrahepatic bile ducts - 6%
- Connective and other soft tissue - 6%
- Other cancers - 31%

Ages 15 - 44 years (n=658)



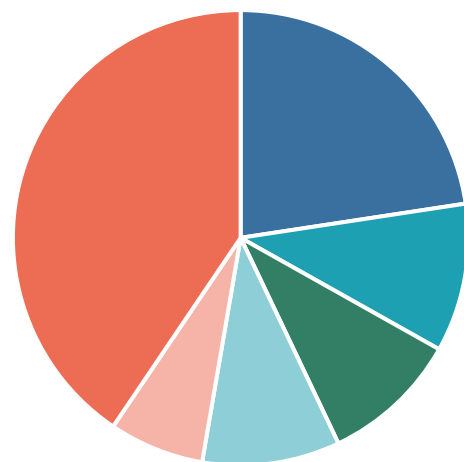
- Female breast - 17%
- Colon and rectum - 12%
- Melanoma of skin - 11%
- Thyroid gland - 8%
- Testis - 6%
- Other cancers - 46%

Ages 45 - 64 years (n=3,470)



- Female breast - 19%
- Prostate - 18%
- Colon and rectum - 9%
- Melanoma of skin - 7%
- Trachea, bronchus and lung - 7%
- Other cancers - 41%

Ages 65 years + (n=7,435)

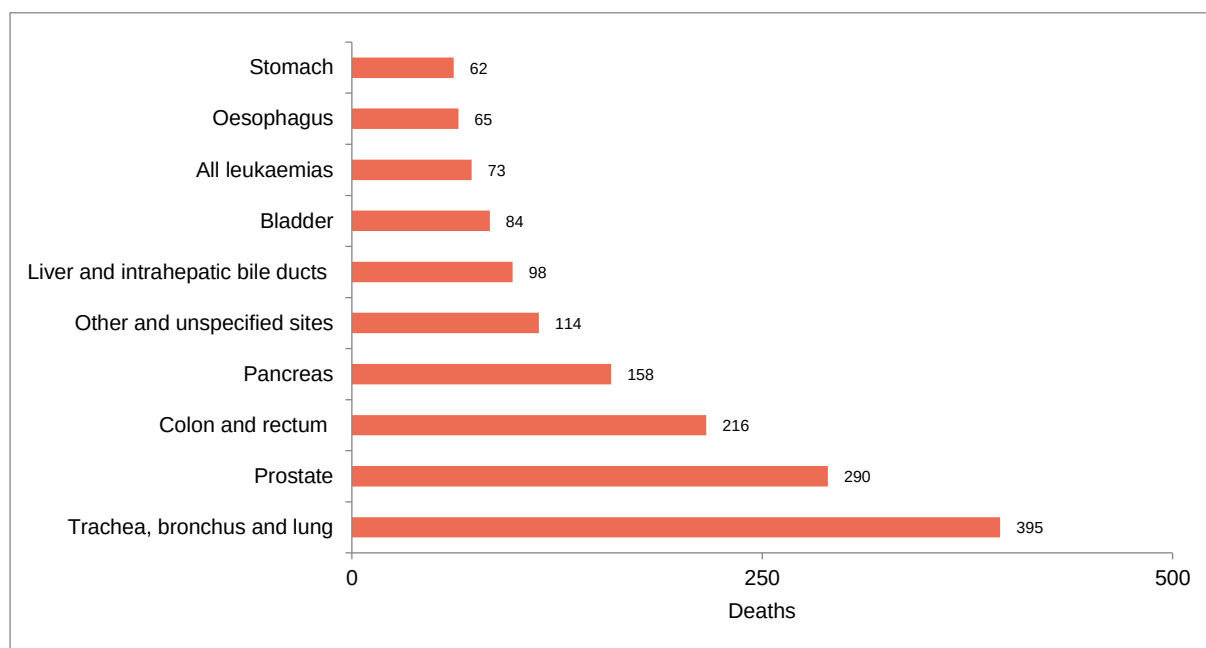


- Prostate - 23%
- Colon and rectum - 11%
- Female breast - 10%
- Trachea, bronchus and lung - 10%
- Melanoma of skin - 7%
- Other cancers - 41%

Mortality

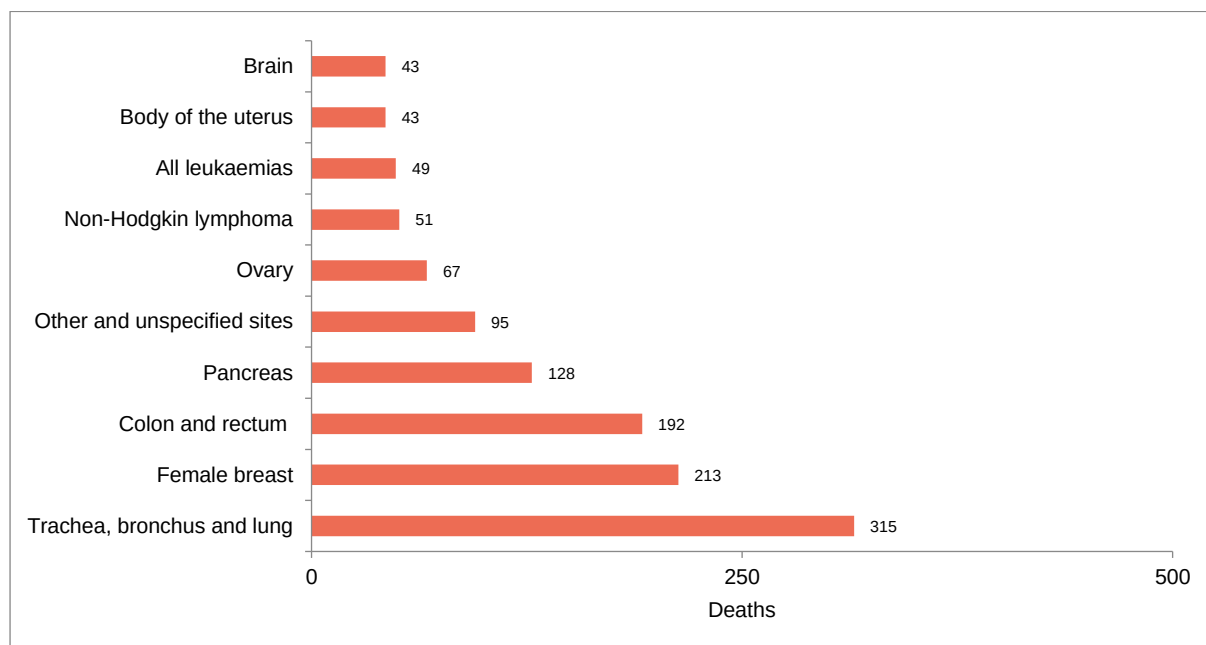
In 2021, there were 3,752 cancer deaths in South Australia (Table A2.61). There were 2,100 cancer deaths in males (ASR 194.7 per 100,000) and 1,652 in females (ASR 128.0 per 100,000, Table A2.61). Lung cancer was the most commonly reported cancer cause of death in males, accounting for 18.8% of all male cancer deaths. Prostate cancer (13.8%), colorectal cancer (10.3%), pancreatic cancer (7.5%), and cancer of unspecified site (5.4%) were the next most common cancer causes of death among males (Figure 4).

Figure 4 - Most common cancer deaths in South Australia 2021 – Males



Lung cancer was also the most commonly reported cancer cause of death in females, accounting for 19.1% of all female cancer deaths. Female breast cancer (12.9%), colorectal cancer (11.6%), pancreatic cancer (7.7%), and cancer of unspecified site (5.8%) were the next most common cancer causes of death among females (Figure 5).

Figure 5 - Most common cancer deaths in South Australia 2021 – Females



Cancer deaths were very rare in the 0-14 age group (3 cases) (Table A2.61).

For people in the 15 to 44 year age group there were 73 cancer deaths in 2021 - 34 male and 39 female deaths (Table A2.61). The most common cancer deaths in this age group were colorectal cancer (15 deaths), female breast (9 deaths), lung cancer (7 deaths), cervical cancer (4 deaths), brain cancer (4 deaths), and leukaemia (4 deaths) (Figure 6).

In the 45 to 64 year age group there were 625 cancer deaths in 2021 – 344 male and 281 female deaths (Table A2.61). The most common cancer deaths in this age group were lung cancer (149 deaths), colorectal cancer (62 deaths), pancreatic cancer (56 deaths), female breast cancer (48 deaths), and brain cancer (29 deaths) (Figure 6).

In those aged 65 years and over there were 3,051 deaths caused by cancer in 2021 – 1,721 male and 1,330 female deaths (Table A2.61). The most common cancers in this age group were lung cancer (554 deaths), colorectal cancer (331 deaths), prostate cancer (278 deaths), pancreatic cancer (228 deaths) and cancers of unspecified site (177 deaths) (Figure 6).

Deaths from cancer generally increase with age for both sexes, with the majority of cancer deaths occurring from the age of 65 (81.3%). The likelihood of dying from cancer was similar for males and females up to and including the age of 54 years. However, after the age of 55 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, 2021

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	710	29.9	17.7	1 in 61	18.9
Colon and rectum	408	17.3	9.7	1 in 133	10.9
Prostate	290	11.5	5.5	1 in 291	7.7
Pancreas	286	12.1	7.1	1 in 157	7.6
Female breast	213	9.3	5.7	1 in 201	5.7
Other and unspecified sites	209	8.7	4.6	1 in 297	5.6
Liver and intrahepatic bile ducts	137	5.8	3.5	1 in 327	3.7
All leukaemias	122	5.0	2.8	1 in 429	3.3
Bladder	118	4.7	2.4	1 in 720	3.1
Non-Hodgkin lymphoma	112	4.6	2.4	1 in 678	3.0
Brain	100	4.5	3.1	1 in 310	2.7
Oesophagus	96	4.0	2.4	1 in 385	2.6
Multiple myeloma/Plasma cell tumours	89	3.6	2.0	1 in 530	2.4
Stomach	88	3.7	2.3	1 in 502	2.3
Kidney	80	3.4	2.2	1 in 501	2.1
Gallbladder and bile ducts	78	3.3	1.8	1 in 632	2.1
Ovary	67	2.9	1.7	1 in 634	1.8
Melanoma of skin	59	2.4	1.2	1 in 1257	1.6
Heart, mediastinum and pleura	56	2.3	1.2	1 in 1090	1.5
Myelodysplastic syndromes	48	1.9	0.9	1 in 2915	1.3
Body of the uterus	43	1.8	1.1	1 in 1115	1.1
Connective and other soft tissue	33	1.4	0.8	1 in 1173	0.9
Small intestine	30	1.3	0.8	1 in 1216	0.8
Renal pelvis, other and unspecified urinary organs	24	0.9	0.5	1 in 2354	0.6
Tongue	22	0.9	0.6	1 in 1379	0.6
Retroperitoneum and peritoneum	22	0.9	0.5	1 in 2831	0.6
Cervix uteri	19	1.0	0.9	1 in 1247	0.5
Thyroid gland	17	0.7	0.4	1 in 2304	0.5
Mouth	16	0.6	0.3	1 in 3995	0.4
Oropharynx	16	0.7	0.5	1 in 1973	0.4
Larynx	16	0.7	0.4	1 in 2242	0.4
Bone, joints and articular cartilage	12	0.6	0.5	1 in 2208	0.3
Anus, anal canal, anorectum	11	0.5	0.3	1 in 3584	0.3
Other and unspecified female genitalia	11	0.5	0.3	1 in 7464	0.3
Other chronic myeloproliferative and haematological disorders	10	0.4	0.2	1 in 22585	0.3
Salivary gland	8	0.3	0.2	1 in 11409	0.2
Hypopharynx	8	0.4	0.2	1 in 3594	0.2
Vulva	8	0.3	0.2	1 in 6831	0.2
Hodgkin lymphoma	7	0.3	0.2	1 in 5206	0.2
Immunoproliferative neoplasms	7	0.3	0.1	N/A	0.2
Other lymphomas	6	0.2	0.1	1 in 20245	0.2
Nasopharynx	5	0.3	0.2	1 in 5681	0.1
Vagina	5	0.2	0.1	1 in 6566	0.1
Cranial nerves, spinal cord, meninges etc.	5	0.3	0.2	1 in 5500	0.1
Other endocrine glands	4	0.2	0.1	1 in 11035	0.1
Polycythaemia vera	4	0.2	0.1	1 in 18644	0.1
Penis	3	0.1	0.1	1 in 20245	0.1
Eye	3	0.1	0.1	1 in 20245	0.1
Lip	2	0.1	0.0	1 in 18644	0.1
Nose, nasal cavities, middle ear and accessory sinuses	2	0.1	0.0	1 in 9322	0.1
Skin of lip	2	0.1	0.0	1 in 18644	0.1
Skin of anus (including perineum, perianal skin)	2	0.1	0.0	N/A	0.1
All cancers	3752	157.5	90.2	1 in 14	100.0

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

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

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

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

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

Table 5 - South Australian males: mortality, age-standardised rates, lifetime risk, leading cancer types, 2021

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	395	36.4	21.5	1 in 51	18.8
Prostate	290	26.8	12.5	1 in 140	13.8
Colon and rectum	216	20.4	11.2	1 in 110	10.3
Pancreas	158	14.6	8.7	1 in 125	7.5
Other and unspecified sites	114	10.6	5.5	1 in 225	5.4
Liver and intrahepatic bile ducts	98	9.2	5.5	1 in 196	4.7
Bladder	84	7.8	3.8	1 in 464	4.0
All leukaemias	73	6.7	3.9	1 in 284	3.5
Oesophagus	65	5.8	3.6	1 in 241	3.1
Stomach	62	5.7	3.4	1 in 357	3.0
Non-Hodgkin lymphoma	61	5.8	3.0	1 in 535	2.9
Brain	57	5.4	3.5	1 in 260	2.7
Kidney	54	5.1	3.2	1 in 358	2.6
Multiple myeloma/Plasma cell tumours	53	4.8	2.7	1 in 391	2.5
Heart, mediastinum and pleura	42	3.7	2.0	1 in 735	2.0
Gallbladder and bile ducts	39	3.8	2.0	1 in 634	1.9
Melanoma of skin	34	3.1	1.6	1 in 863	1.6
Myelodysplastic syndromes	28	2.7	1.2	1 in 2009	1.3
Connective and other soft tissue	20	1.8	1.0	1 in 958	1.0
Tongue	17	1.5	1.0	1 in 756	0.8
Larynx	15	1.3	0.8	1 in 1077	0.7
Oropharynx	13	1.3	0.9	1 in 1212	0.6
Small intestine	13	1.2	0.7	1 in 1369	0.6
Renal pelvis, other and unspecified urinary organs	12	1.0	0.6	1 in 1504	0.6
Mouth	10	0.9	0.5	1 in 1915	0.5
Bone, joints and articular cartilage	8	0.8	0.7	1 in 1583	0.4
Thyroid gland	7	0.6	0.5	1 in 1414	0.3
Other chronic myeloproliferative and haematological disorders	7	0.7	0.3	1 in 10932	0.3
Hypopharynx	6	0.6	0.4	1 in 2073	0.3
Anus, anal canal, anorectum	6	0.6	0.3	1 in 3539	0.3
Immunoproliferative neoplasms	6	0.6	0.2	N/A	0.3
Salivary gland	4	0.4	0.1	N/A	0.2
Retroperitoneum and peritoneum	4	0.4	0.2	1 in 8890	0.2
Nasopharynx	3	0.3	0.2	1 in 5496	0.1
Penis	3	0.3	0.1	1 in 9722	0.1
Cranial nerves, spinal cord, meninges etc.	3	0.3	0.2	1 in 5694	0.1
Hodgkin lymphoma	3	0.3	0.2	1 in 3263	0.1
Other lymphomas	3	0.3	0.1	N/A	0.1
Skin of lip	2	0.2	0.1	1 in 8890	0.1
Skin of anus (including perineum, perianal skin)	2	0.2	0.1	N/A	0.1
Eye	2	0.2	0.1	1 in 9722	0.1
Polycythaemia vera	2	0.2	0.1	N/A	0.1
Lip	1	0.1	0.0	1 in 8890	0.0
Unspecified sites - lip, oral cavity and pharynx	1	0.1	0.1	1 in 10932	0.0
Nose, nasal cavities, middle ear and accessory sinuses	1	0.1	0.0	1 in 8890	0.0
Other male genital organs	1	0.1	0.0	N/A	0.0
Other endocrine glands	1	0.1	0.0	N/A	0.0
Malignancy of histiocytes and accessory lymphoid cells	1	0.1	0.1	1 in 11327	0.0
All cancers	2100	194.7	108.8	1 in 11	100.0

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

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

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

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

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

Table 6 - South Australian females: mortality, age-standardised rates, lifetime risk, leading cancer types, 2021

Site Name	Mortality				
	Deaths	ASR (A)	ASR (W)	Risk (1 in n)	% of All Cancer
Trachea, bronchus and lung	315	24.4	14.3	1 in 76	19.1
Female breast	213	17.4	10.9	1 in 104	12.9
Colon and rectum	192	14.8	8.5	1 in 165	11.6
Pancreas	128	9.8	5.6	1 in 205	7.7
Other and unspecified sites	95	7.1	3.7	1 in 420	5.8
Ovary	67	5.4	3.3	1 in 328	4.1
Non-Hodgkin lymphoma	51	3.7	1.8	1 in 913	3.1
All leukaemias	49	3.6	1.9	1 in 813	3.0
Body of the uterus	43	3.4	2.0	1 in 577	2.6
Brain	43	3.7	2.7	1 in 377	2.6
Liver and intrahepatic bile ducts	39	2.9	1.6	1 in 885	2.4
Gallbladder and bile ducts	39	3.0	1.7	1 in 630	2.4
Multiple myeloma/Plasma cell tumours	36	2.6	1.4	1 in 793	2.2
Bladder	34	2.4	1.2	1 in 1479	2.1
Oesophagus	31	2.3	1.2	1 in 873	1.9
Stomach	26	2.1	1.3	1 in 804	1.6
Kidney	26	2.0	1.2	1 in 810	1.6
Melanoma of skin	25	1.8	0.8	1 in 2160	1.5
Myelodysplastic syndromes	20	1.4	0.6	1 in 5062	1.2
Cervix uteri	19	2.0	1.7	1 in 632	1.2
Retroperitoneum and peritoneum	18	1.3	0.7	1 in 1730	1.1
Small intestine	17	1.4	0.9	1 in 1095	1.0
Heart, mediastinum and pleura	14	1.0	0.6	1 in 1980	0.8
Connective and other soft tissue	13	1.0	0.7	1 in 1479	0.8
Renal pelvis, other and unspecified urinary organs	12	0.8	0.4	1 in 4877	0.7
Other and unspecified female genitalia	11	0.9	0.5	1 in 3810	0.7
Thyroid gland	10	0.7	0.4	1 in 5524	0.6
Vulva	8	0.6	0.3	1 in 3536	0.5
Mouth	6	0.4	0.2	N/A	0.4
Tongue	5	0.4	0.2	1 in 5827	0.3
Anus, anal canal, anorectum	5	0.4	0.3	1 in 3595	0.3
Vagina	5	0.4	0.2	1 in 3394	0.3
Salivary gland	4	0.3	0.2	1 in 5846	0.2
Bone, joints and articular cartilage	4	0.4	0.4	1 in 3542	0.2
Hodgkin lymphoma	4	0.3	0.2	1 in 11625	0.2
Oropharynx	3	0.2	0.1	1 in 5062	0.2
Other endocrine glands	3	0.3	0.2	1 in 5535	0.2
Other lymphomas	3	0.2	0.1	1 in 10524	0.2
Other chronic myeloproliferative and haematological disorders	3	0.2	0.1	N/A	0.2
Nasopharynx	2	0.2	0.2	1 in 5865	0.1
Hypopharynx	2	0.2	0.1	1 in 11654	0.1
Cranial nerves, spinal cord, meninges etc.	2	0.2	0.2	1 in 5351	0.1
Polycythaemia vera	2	0.1	0.1	1 in 9754	0.1
Lip	1	0.1	0.0	N/A	0.1
Nose, nasal cavities, middle ear and accessory sinuses	1	0.1	0.0	1 in 9754	0.1
Larynx	1	0.1	0.0	N/A	0.1
Eye	1	0.1	0.0	N/A	0.1
Immunoproliferative neoplasms	1	0.1	0.0	N/A	0.1
All cancers	1652	128.0	74.9	1 in 16	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

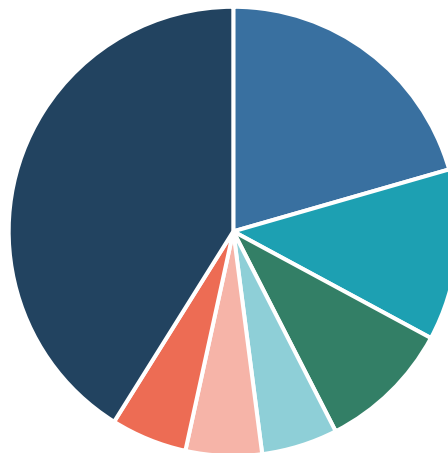
Age-standardised rates are expressed per 100,000 and standardised to the Australian 2011 population ASR (A)

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.

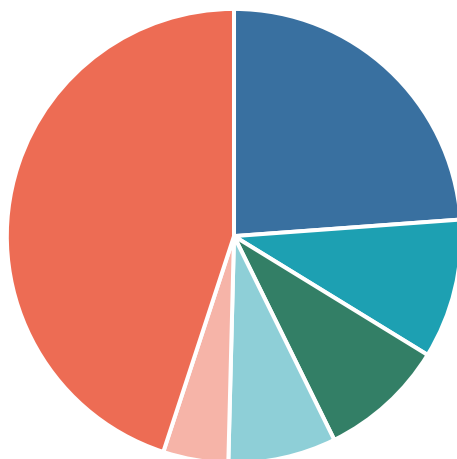
Figure 6 - Most common cancer deaths in South Australia 2021, by age group

Ages 15 - 44 years (n=73)



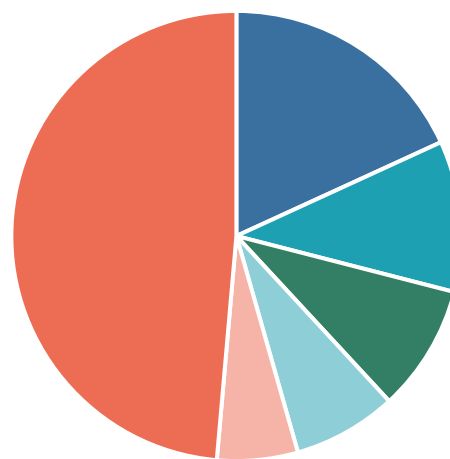
- Colon and rectum - 21%
- Female breast - 12%
- Trachea, bronchus and lung - 10%
- Cervix uteri - 5%
- Brain - 5%
- All leukaemias - 5%

Ages 45 - 64 years (n=625)



- Trachea, bronchus and lung - 24%
- Colon and rectum - 10%
- Pancreas - 9%
- Female breast - 8%
- Brain - 5%

Ages 65 years + (n=3,051)



- Trachea, bronchus and lung - 18%
- Colon and rectum - 11%
- Prostate - 9%
- Pancreas - 7%
- Other and unspecified sites - 6%
- Other cancers - 49%

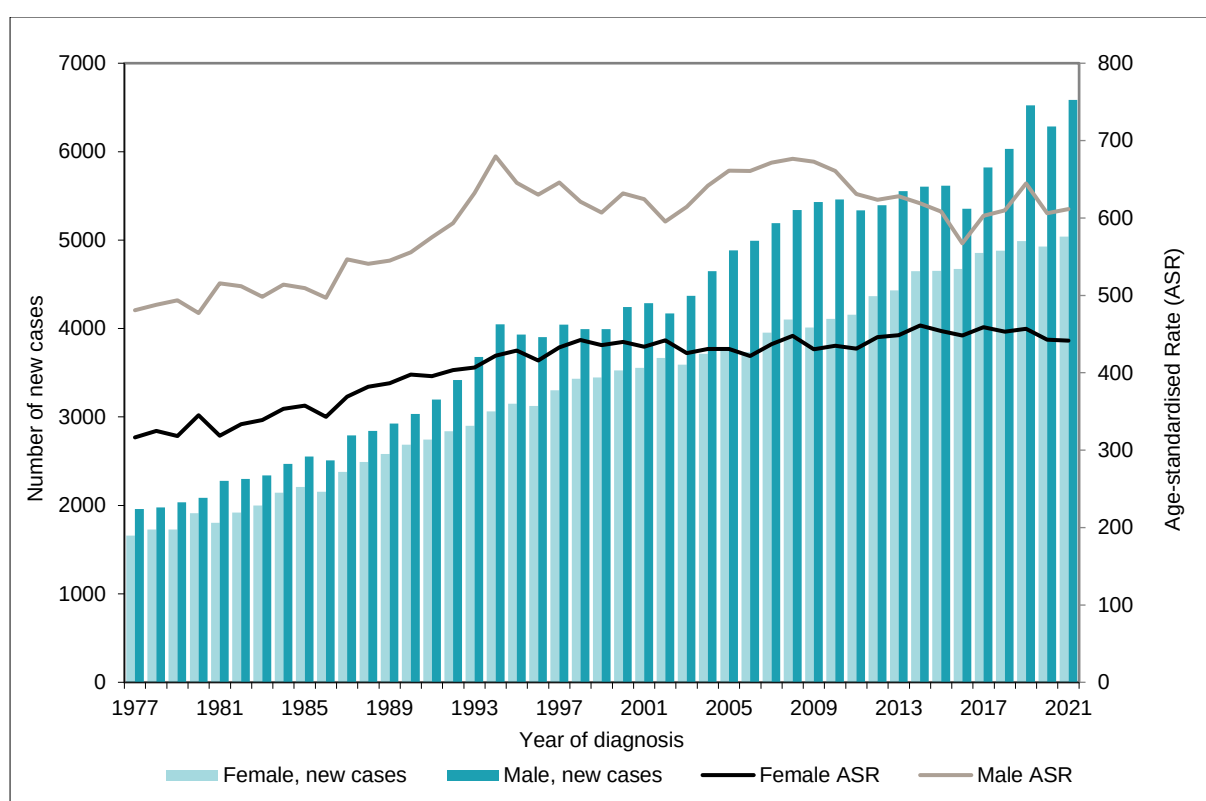
Trends in Cancer Incidence and Mortality

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 2021 was 611.5 new cases per 100,000 for males and 441.4 for females (Table A2.61). Figure 7 shows the incidence trends in both numbers and rate of cancers in South Australia since 1977.

In 2020 in South Australia, the number of new cancer diagnoses declined by an estimated 4.2%. It was considered a possible reason for this was people not seeking cancer screening or medical assessments during the height of the COVID-19 pandemic. In 2021 cancer incidence increased by 2.2%, similar to the number of new cancer cases diagnosed in 2019.

Figure 7 - Trends in cancer incidence - numbers and rates, South Australia, 1977-2021

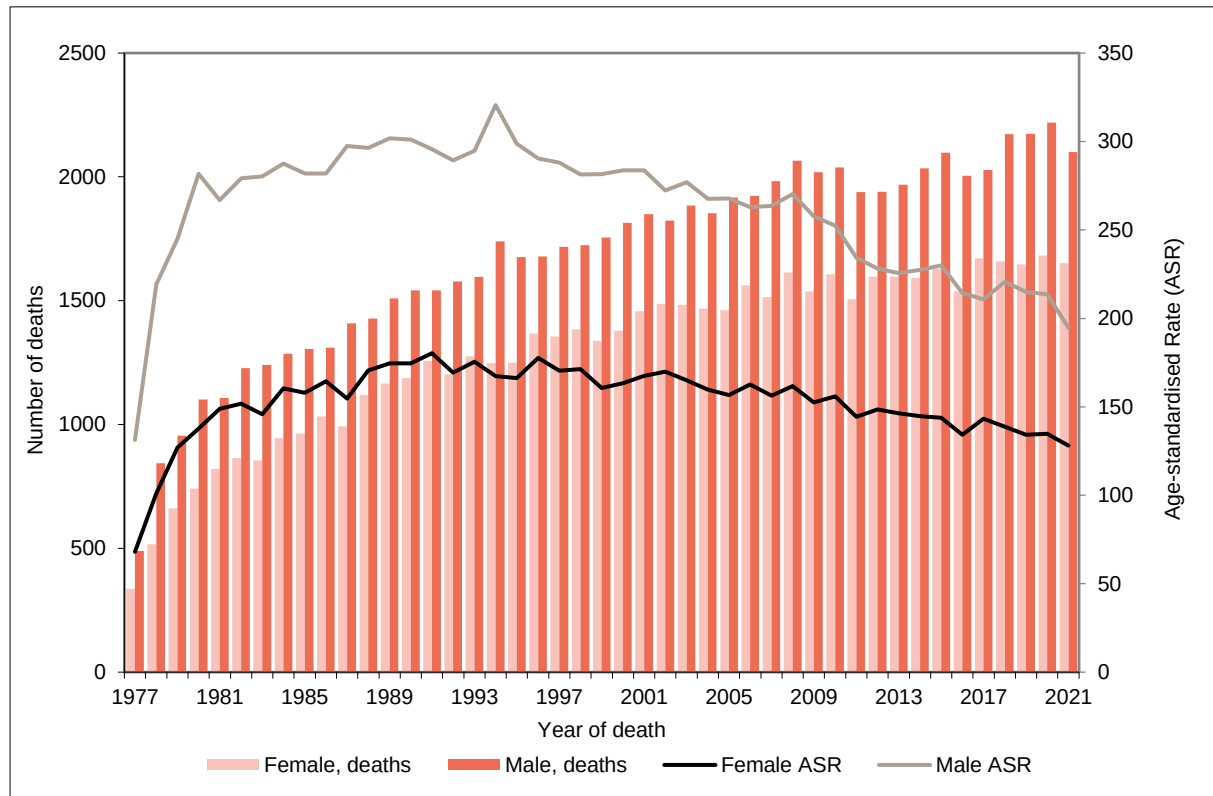


Male incidence rates increased 0.2% per annum between 2017 and 2021, while female rates decreased by 1.0% (see Table A2.61, change in incidence and mortality calculated using a Poisson regression model).

Mortality

The age-adjusted mortality rate for South Australia in 2021 was 194.7 deaths per 100,000 for males and 128.0 for females. Figure 8 shows the mortality trends in both numbers and rate of cancers in South Australia since 1977.

Figure 8 - Trends in cancer mortality - numbers and rates, South Australia, 1977-2021



Male mortality rates decreased by 1.8% per annum between 2017 and 2021 while female rates decreased by 2.4% (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 2021 to 2024 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 a slight increase in the incidence rates for males, and a plateau in the incidence rates for females, from 2021 through to 2024. Mortality rates for males are expected to plateau while female rates are expected to decrease slightly over the same time period (Table 7 and Table 8).

Table 7 - Male cancer incidence, mortality rates (2021) and projections (2022-2024), South Australia

Males Site/Year	Incidence (new cases)				Mortality (deaths)			
	2021	2022	2023	2024	2021	2022	2023	2024
Prostate*	205.5 (2300)	208.6 (2387)	219.2 (2565)	225.4 (2699)	26.8 (290)	25.1 (281)	24.8 (288)	24.4 (295)
Colorectal	58.7 (616)	54.8 (581)	51.6 (554)	48.6 (525)	20.4 (216)	19.4 (208)	18.9 (208)	18.1 (205)
Lung	47.6 (525)	51.6 (581)	51.0 (588)	51.2 (603)	36.4 (395)	37.4 (418)	37.1 (426)	36.4 (428)
Melanoma	43.6 (461)	48.7 (526)	48.0 (532)	47.4 (541)	3.1 (34)	2.7 (30)	2.3 (27)	1.8 (22)
NHL	24.2 (259)	26.0 (284)	25.0 (280)	24.3 (278)	5.8 (61)	7.1 (78)	7.0 (79)	7.1 (83)
All cancers	611.5 (6586)	609.1 (6693)	610.9 (6882)	615.6 (7090)	194.7 (2100)	202.1 (2236)	198.4 (2263)	194.3 (2282)

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 (2021) and projections (2022-2024), South Australia

Females Site/Year	Incidence (new cases)				Mortality (deaths)			
	2021	2022	2023	2024	2021	2022	2023	2024
Breast	135.3 (1482)	136.7 (1512)	134.9 (1521)	134.5 (1543)	17.4 (213)	17.2 (209)	16.5 (206)	16.1 (206)
Colorectal	46.4 (557)	46.6 (558)	45.4 (554)	44.8 (553)	14.8 (192)	13.6 (172)	13.4 (174)	12.8 (174)
Melanoma	33.2 (370)	32.0 (362)	32.5 (378)	32.8 (389)	1.8 (25)	1.3 (18)	1.5 (19)	1.6 (22)
Lung	36.6 (456)	40.4 (509)	40.8 (528)	40.1 (533)	24.4 (315)	24.1 (316)	23.8 (321)	23.2 (325)
NHL	17.5 (207)	16.6 (199)	16.0 (195)	15.3 (192)	3.7 (51)	3.9 (52)	3.9 (54)	3.9 (55)
All cancers	441.4 (5039)	447.9 (5165)	445.3 (5245)	442.2 (5300)	128.0 (1652)	128.8 (1643)	126.9 (1670)	124.9 (1694)

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

Most Common Cancers

Figure 9 shows the trends in female breast cancer incidence and mortality in South Australia from 1977. Female breast cancer incidence rates in South Australia have decreased slightly by 1.3% per annum between 2017 and 2021, and mortality rates have decreased by 2.6% per annum over the same period (Table A2.28). Female breast cancer incidence rates are projected to plateau between 2021 and 2024, while mortality rates are projected to decrease (Table 8 and Figure 9).

Figure 9 – Female breast cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024

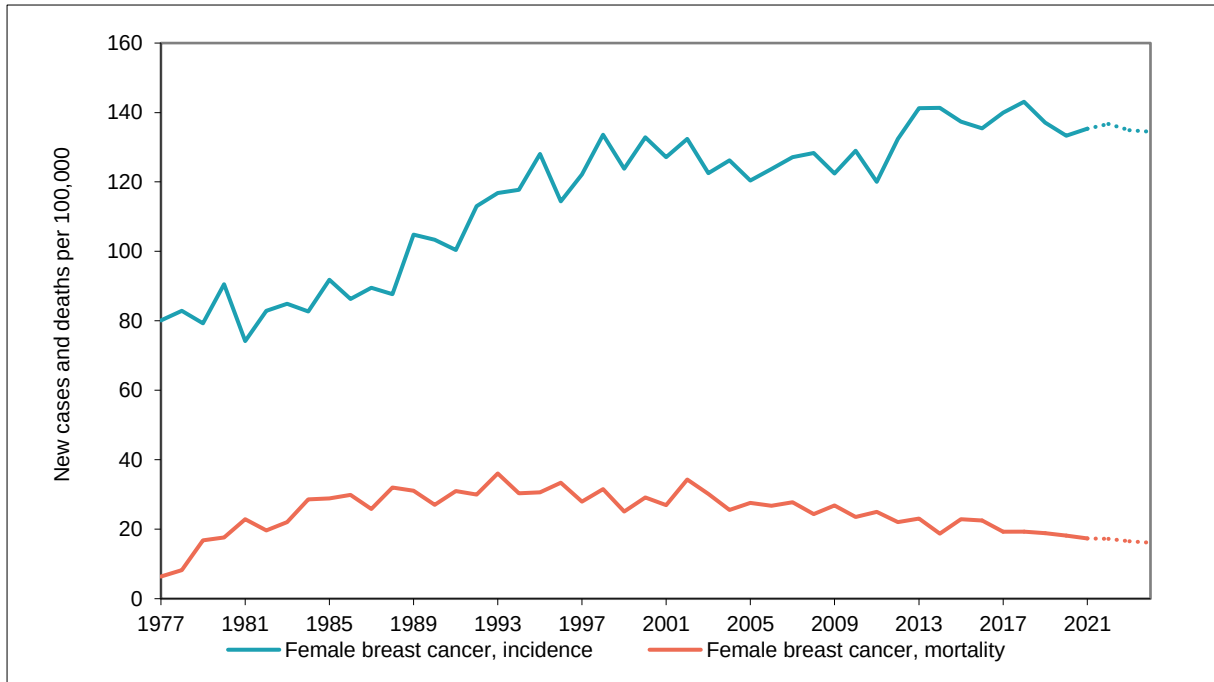


Figure 10 shows the trends in prostate cancer incidence and mortality in South Australia from 1977. Prostate cancer incidence rates in South Australia have increased by 5.5% per annum between 2017 and 2021, and mortality rates have decreased by 0.3% per annum over the same period (Table A2.38). Prostate cancer incidence rates are projected to increase, while mortality rates are projected to decrease between 2021 and 2024 (Table 7 and Figure 10). It should be noted that prostate cancer incidence rates vary and can be influenced by levels of diagnostic testing.

Figure 10 - Prostate cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024

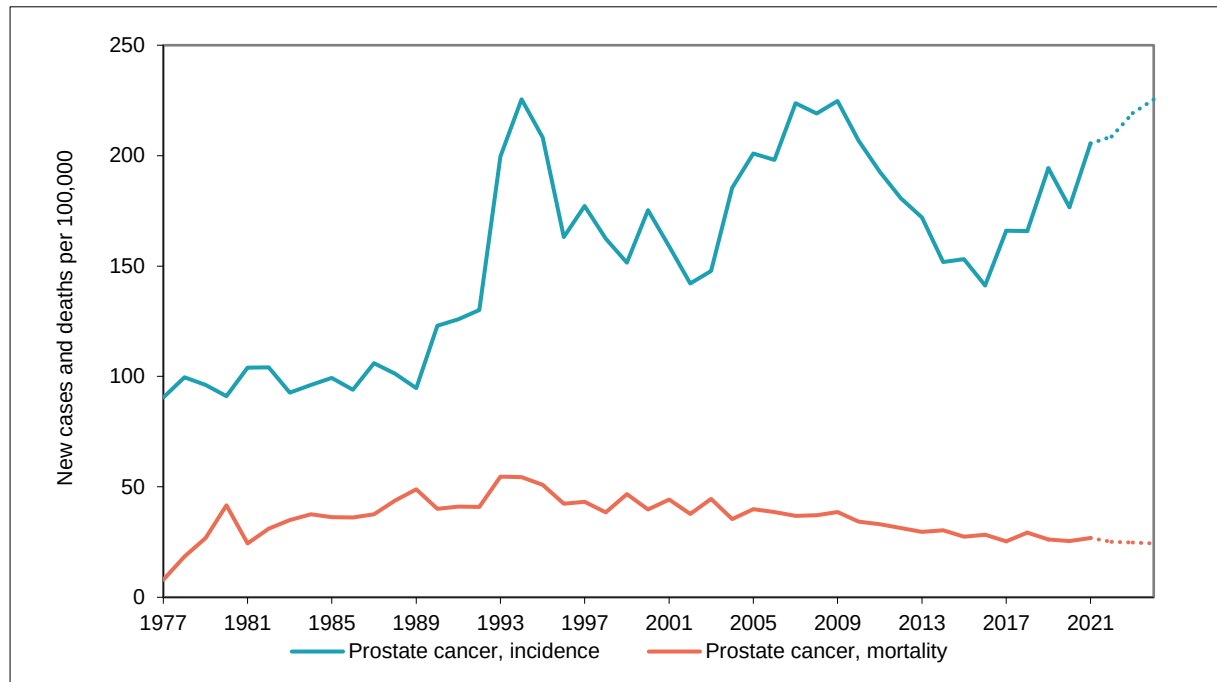


Figure 11 shows the trends in lung cancer incidence and mortality in South Australia from 1977. Lung cancer incidence rates in males have decreased by 3.0% per annum between 2017 and 2021, and mortality rates have decreased by 3.1% per annum over the same period (Table A2.19). Lung cancer incidence rates in females have decreased by 2.6% per annum between 2017 and 2021, and mortality rates have decreased by 1.9% per annum over the same period (Table A2.19). Lung cancer incidence rates for males are projected to increase, while mortality rates are projected to plateau between 2021 and 2024 (Table 7 and Figure 11). Lung cancer incidence rates are projected to increase for females, and mortality rates are projected to decrease over the same period (Table 8 and Figure 11).

Figure 11 - Lung cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024

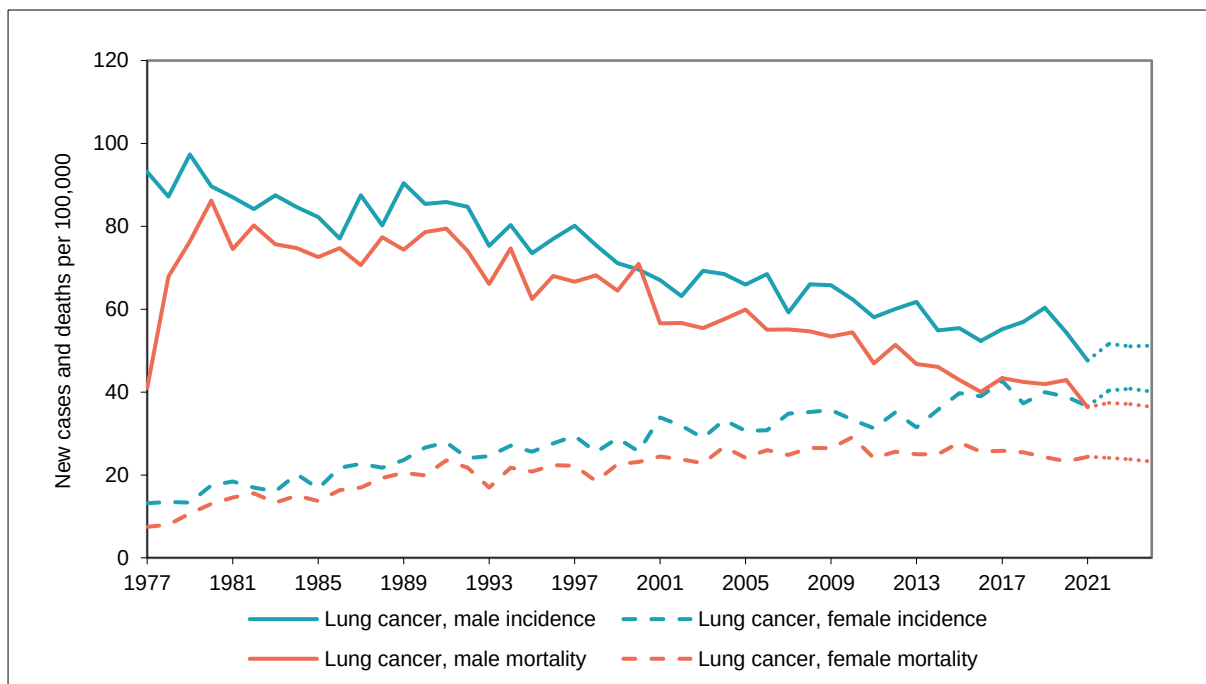


Figure 12 shows the trends in colorectal cancer incidence and mortality in South Australia from 1977. Colorectal cancer incidence rates in males have decreased by 2.4% per annum between 2017 and 2021, and mortality rates have decreased by 3.7% per annum over the same period (Table A2.12). Colorectal cancer incidence rates in females have decreased by 3.0% per annum between 2017 and 2021, and mortality rates have decreased by 1.5% per annum over the same period (Table A2.12).

Colorectal cancer incidence and mortality rates for males and females are projected to decrease between 2021 and 2024 (Table 7, Table 8 and Figure 12).

Figure 12 - Colorectal cancer incidence and mortality, South Australia, 1977-2021 with projections to 2024

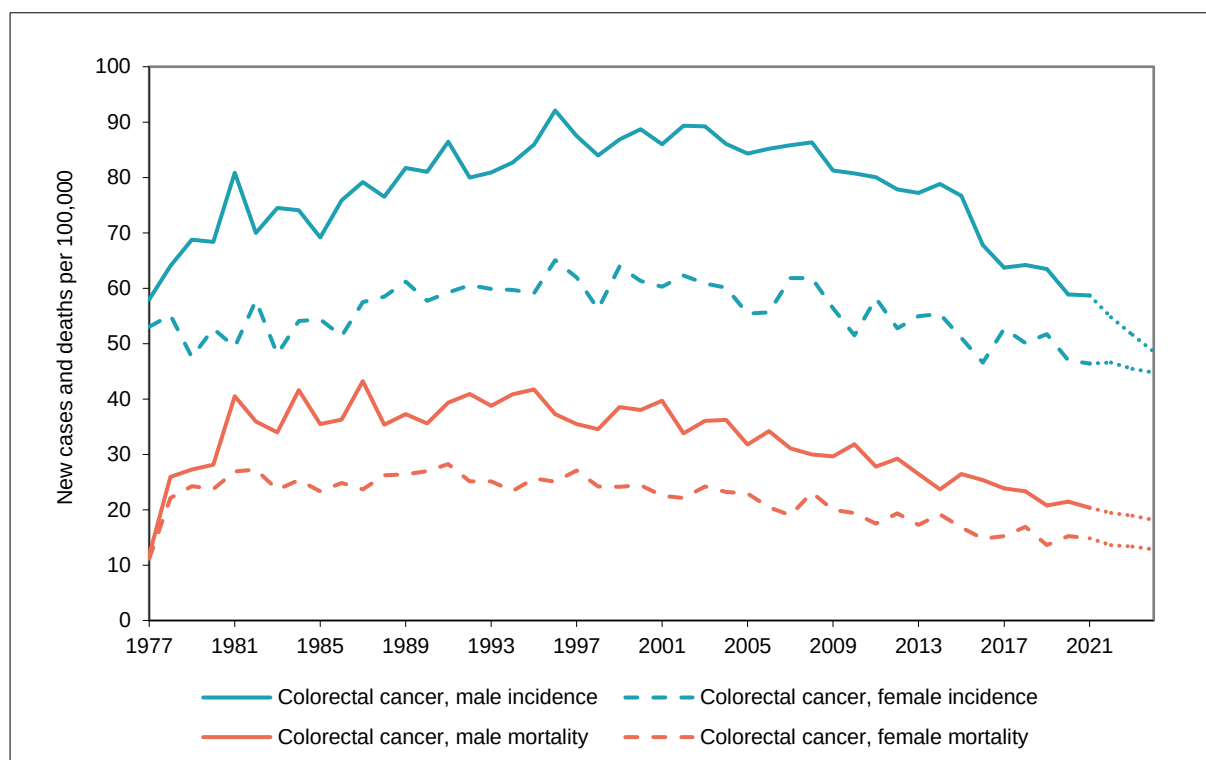
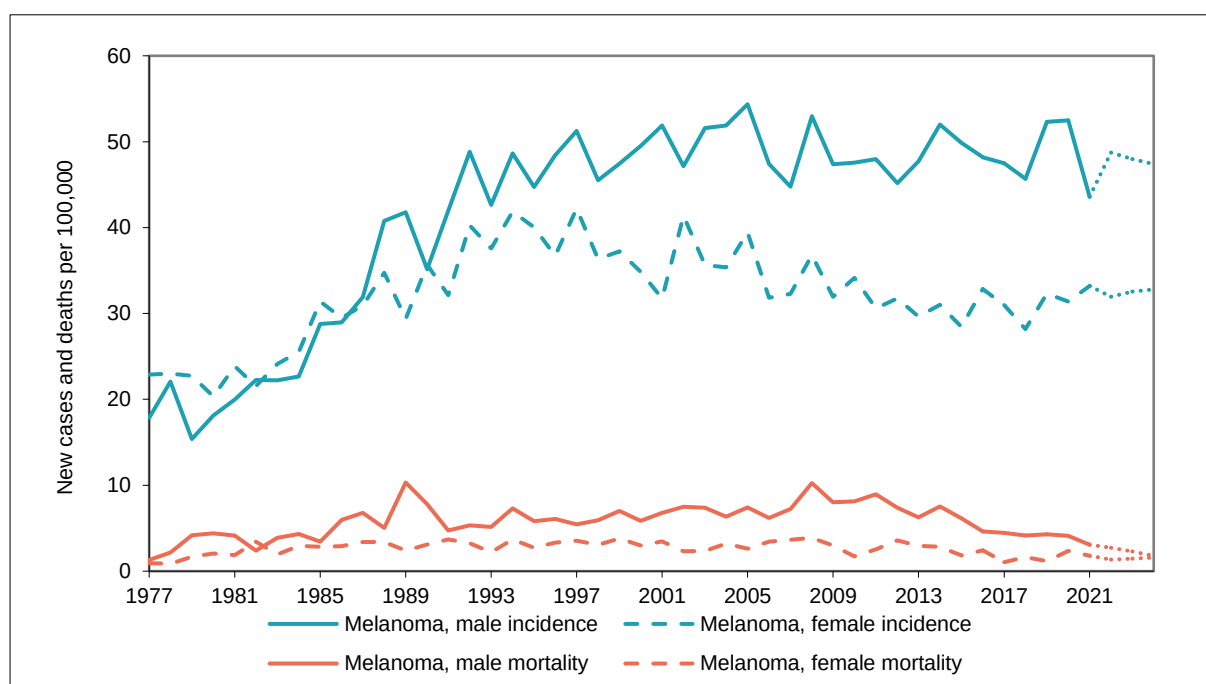


Figure 13 shows the trends in melanoma incidence and mortality in South Australia from 1977. Melanoma incidence rates in males have decreased by 0.2% per annum between 2017 and 2021, while mortality rates have decreased by 6.1% per annum over the same period (Table A2.23). Melanoma incidence rates in females have increased by 2.6% per annum between 2017 and 2021, while mortality rates have increased by 19.1% per annum over the same period (Table A2.23). This increase represents an increase from 13 deaths in 2017 to 25 deaths in 2021 and is consistent with trends observed nationally¹.

Melanoma incidence rates for males are projected to increase, while for females it is expected to plateau between 2021 and 2024. Mortality rates are projected to decrease for males and plateau for females over the same period (Table 7, Table 8 and Figure 13).

Figure 13 - Melanoma incidence and mortality, South Australia, 1977-2021 with projections to 2024



¹ AIHW Cancer data in Australia: Cancer mortality by age visualisation. 2024, AIHW: Canberra

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 2021 (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 years.

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 – 2021	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	0	2	3.7	0.0	1.8	0	0	0	0.0	0.0	0.0
45–49	5	1	6	9.0	1.8	5.4	0	0	0	0.0	0.0	0.0
50–54	1	1	2	1.7	1.7	1.7	0	0	0	0.0	0.0	0.0
55–59	4	0	4	7.1	0.0	3.5	0	0	0	0.0	0.0	0.0
60–64	2	2	4	3.7	3.4	3.5	0	0	0	0.0	0.0	0.0
65–69	4	4	8	8.2	7.6	7.9	0	0	0	0.0	0.0	0.0
70–74	7	2	9	15.7	4.1	9.7	1	0	1	2.2	0.0	1.1
75–79	4	2	6	12.9	5.7	9.1	0	0	0	0.0	0.0	0.0
80–84	3	0	3	14.9	0.0	6.7	0	0	0	0.0	0.0	0.0
85+	2	2	4	11.0	6.9	8.5	0	1	1	0.0	3.5	2.1
Total/Crude rate	34	14	48	3.8	1.5	2.7	1	1	2	0.1	0.1	0.1
AS Rate (Aust)				3.3	1.2	2.2				0.1	0.1	0.1
Confidence Interval (95%)				2.2 – 4.4	0.5 – 1.8	1.6 – 2.8				0.0 – 0.2	0.0 – 0.2	0.0 – 0.2
AS Rate (World)				2.3	0.8	1.5				0.0	0.0	0.0
Confidence Interval (95%)				1.5 – 3.1	0.3 – 1.2	1.1 – 2.0				0.0 – 0.1	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 407	1 in 1073	1 in 597				1 in 8,890	N/A	1 in 18,644
PYLL										3	0	3
% of all cancers				0.5	0.3	0.4				0.0	0.1	0.1
Trend 2017–2021 (per annum)				-9.6%	1.6%	-7.7%				34.2%	15.7%	25.1%

Table A2.2 – Cancer of the Tongue

South Australia Year – 2021	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	1	0	1	1.6	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	0.9	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	6	0	6	10.5	0.0	5.2	1	0	1	1.7	0.0	0.9
55–59	4	1	5	7.1	1.7	4.3	1	0	1	1.8	0.0	0.9
60–64	11	3	14	20.1	5.1	12.4	2	2	4	3.7	3.4	3.5
65–69	8	5	13	16.5	9.5	12.8	5	0	5	10.3	0.0	4.9
70–74	7	3	10	15.7	6.2	10.7	4	0	4	9.0	0.0	4.3
75–79	2	2	4	6.4	5.7	6.1	2	1	3	6.4	2.9	4.5
80–84	3	1	4	14.9	4.0	8.9	1	0	1	5.0	0.0	2.2
85+	0	4	4	0.0	13.9	8.5	1	2	3	5.5	6.9	6.4
Total/Crude rate	45	20	65	5.0	2.2	3.6	17	5	22	1.9	0.5	1.2
AS Rate (Aust)				4.4	1.6	3.0				1.5	0.4	0.9
Confidence Interval (95%)				3.1 – 5.7	0.9 – 2.3	2.2 – 3.7				0.8 – 2.2	0.0 – 0.7	0.5 – 1.3
AS Rate (World)				3.2	1.0	2.1				1.0	0.2	0.6
Confidence Interval (95%)				2.3 – 4.1	0.5 – 1.5	1.6 – 2.6				0.5 – 1.4	0.0 – 0.4	0.3 – 0.8
Lifetime Risk				1 in 261	1 in 822	1 in 402				1 in 756	1 in 5,827	1 in 1,379
PYLL										113	25	138
% of all cancers				0.7	0.4	0.6				0.8	0.3	0.6
Trend 2017–2021 (per annum)				-3.3%	-7.8%	-4.6%				15.9%	-9.6%	4.1%

Table A2.3 – Cancer of the Salivary gland

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.6	0.8	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	2	0	2	3.5	0.0	1.7	0	1	1	0.0	1.7	0.9
60–64	1	1	2	1.8	1.7	1.8	0	1	1	0.0	1.7	0.9
65–69	5	4	9	10.3	7.6	8.9	0	0	0	0.0	0.0	0.0
70–74	2	4	6	4.5	8.2	6.4	0	0	0	0.0	0.0	0.0
75–79	1	4	5	3.2	11.5	7.6	1	0	1	3.2	0.0	1.5
80–84	1	0	1	5.0	0.0	2.2	0	0	0	0.0	0.0	0.0
85+	5	1	6	27.5	3.5	12.8	3	2	5	16.5	6.9	10.7
Total/Crude rate	19	19	38	2.1	2.1	2.1	4	4	8	0.4	0.4	0.4
AS Rate (Aust)				1.8	1.7	1.7				0.4	0.3	0.3
Confidence Interval (95%)				1.0 – 2.7	0.9 – 2.4	1.1 – 2.2				0.0 – 0.8	0.0 – 0.6	0.1 – 0.6
AS Rate (World)				1.1	1.3	1.2				0.1	0.2	0.2
Confidence Interval (95%)				0.6 – 1.7	0.7 – 2.0	0.8 – 1.6				0.0 – 0.3	0.0 – 0.4	0.0 – 0.3
Lifetime Risk				1 in 845	1 in 755	1 in 798				N/A	1 in 5,846	1 in 11,409
PYLL										0	30	30
% of all cancers				0.3	0.4	0.3				0.2	0.2	0.2
Trend 2017–2021 (per annum)				-8.2%	15.8%	-1.2%				-3.1%	undefined	18.6%

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 A2.4 – Cancer of the Mouth

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
45–49	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
50–54	3	3	6	5.2	5.2	5.2	0	0	0	0.0	0.0	0.0
55–59	4	4	8	7.1	6.8	6.9	0	0	0	0.0	0.0	0.0
60–64	3	3	6	5.5	5.1	5.3	1	0	1	1.8	0.0	0.9
65–69	3	3	6	6.2	5.7	5.9	2	0	2	4.1	0.0	2.0
70–74	2	1	3	4.5	2.1	3.2	2	0	2	4.5	0.0	2.1
75–79	6	2	8	19.3	5.7	12.1	0	1	1	0.0	2.9	1.5
80–84	1	3	4	5.0	12.0	8.9	2	2	4	9.9	8.0	8.9
85+	3	2	5	16.5	6.9	10.7	3	3	6	16.5	10.4	12.8
Total/Crude rate	27	22	49	3.0	2.4	2.7	10	6	16	1.1	0.7	0.9
AS Rate (Aust)				2.6	2.0	2.3				0.9	0.4	0.6
Confidence Interval (95%)				1.6 – 3.6	1.1 – 2.8	1.6 – 2.9				0.3 – 1.5	0.1 – 0.8	0.3 – 1.0
AS Rate (World)				1.8	1.3	1.5				0.5	0.2	0.3
Confidence Interval (95%)				1.1 – 2.4	0.8 – 1.9	1.1 – 2.0				0.2 – 0.8	0.1 – 0.3	0.2 – 0.5
Lifetime Risk				1 in 626	1 in 750	1 in 684				1 in 1,915	N/A	1 in 3,995
PYLL										33	0	33
% of all cancers				0.4	0.4	0.4				0.5	0.4	0.4
Trend 2017–2021 (per annum)				1.3%	1.8%	0.8%				10.2%	11.9%	9.1%

Table A2.5 – Cancer of the Oropharynx

South Australia Year – 2021	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	1	0	1	1.6	0.0	0.8
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	1.8	1.8	0	0	0	0.0	0.0	0.0
45–49	5	2	7	9.0	3.6	6.3	1	0	1	1.8	0.0	0.9
50–54	11	1	12	19.2	1.7	10.4	0	0	0	0.0	0.0	0.0
55–59	9	0	9	15.9	0.0	7.8	3	0	3	5.3	0.0	2.6
60–64	13	2	15	23.8	3.4	13.3	2	0	2	3.7	0.0	1.8
65–69	6	2	8	12.3	3.8	7.9	2	1	3	4.1	1.9	3.0
70–74	7	0	7	15.7	0.0	7.5	0	1	1	0.0	2.1	1.1
75–79	3	1	4	9.6	2.9	6.1	3	0	3	9.6	0.0	4.5
80–84	1	0	1	5.0	0.0	2.2	0	1	1	0.0	4.0	2.2
85+	0	1	1	0.0	3.5	2.1	1	0	1	5.5	0.0	2.1
Total/Crude rate	56	10	66	6.3	1.1	3.7	13	3	16	1.5	0.3	0.9
AS Rate (Aust)				5.7	1.0	3.3				1.3	0.2	0.7
Confidence Interval (95%)				4.2 – 7.2	0.4 – 1.6	2.5 – 4.1				0.6 – 2.0	0.0 – 0.5	0.4 – 1.1
AS Rate (World)				4.2	0.7	2.4				0.9	0.1	0.5
Confidence Interval (95%)				3.1 – 5.3	0.3 – 1.2	1.8 – 3.0				0.4 – 1.4	0.0 – 0.3	0.3 – 0.8
Lifetime Risk				1 in 205	1 in 1393	1 in 364				1 in 1,212	1 in 5,062	1 in 1,973
PYLL										168	10	178
% of all cancers				0.9	0.2	0.6				0.6	0.2	0.4
Trend 2017–2021 (per annum)				-3.5%	9.2%	-1.8%				-4.5%	18.3%	-1.2%

Table A2.6 – Cancer of the Nasopharynx

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
45–49	2	0	2	3.6	0.0	1.8	1	0	1	1.8	0.0	0.9
50–54	4	0	4	7.0	0.0	3.5	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	2	2	0.0	3.4	1.7
60–64	1	1	2	1.8	1.7	1.8	1	0	1	1.8	0.0	0.9
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	1	2	3.2	2.9	3.0	1	0	1	3.2	0.0	1.5
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	11	2	13	1.2	0.2	0.7	3	2	5	0.3	0.2	0.3
AS Rate (Aust)				1.3	0.2	0.7				0.3	0.2	0.3
Confidence Interval (95%)				0.5 – 2.0	0.0 – 0.4	0.3 – 1.1				0.0 – 0.7	0.0 – 0.5	0.0 – 0.5
AS Rate (World)				1.0	0.1	0.6				0.2	0.2	0.2
Confidence Interval (95%)				0.5 – 1.6	0.0 – 0.3	0.3 – 0.9				0.0 – 0.5	0.0 – 0.3	0.0 – 0.4
Lifetime Risk				1 in 1128	1 in 11654	1 in 2072				1 in 5,496	1 in 5,865	1 in 5,681
PYLL										40	35	75
% of all cancers				0.2	0.0	0.1				0.1	0.1	0.1
Trend 2017–2021 (per annum)				86.0%	5.5%	46.5%				1.6%	undefined	18.1%

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 – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	1	0	1	1.7	0.0	0.9
55–59	4	0	4	7.1	0.0	3.5	1	0	1	1.8	0.0	0.9
60–64	1	1	2	1.8	1.7	1.8	1	1	2	1.8	1.7	1.8
65–69	1	0	1	2.1	0.0	1.0	1	0	1	2.1	0.0	1.0
70–74	2	1	3	4.5	2.1	3.2	1	0	1	2.2	0.0	1.1
75–79	2	0	2	6.4	0.0	3.0	0	1	1	0.0	2.9	1.5
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	2	0	2	11.0	0.0	4.3	1	0	1	5.5	0.0	2.1
Total/Crude rate	13	2	15	1.5	0.2	0.8	6	2	8	0.7	0.2	0.4
AS Rate (Aust)				1.2	0.2	0.7				0.6	0.2	0.4
Confidence Interval (95%)				0.6 – 1.9	0.0 – 0.4	0.3 – 1.0				0.1 – 1.1	0.0 – 0.4	0.1 – 0.6
AS Rate (World)				0.8	0.1	0.5				0.4	0.1	0.2
Confidence Interval (95%)				0.4 – 1.3	0.0 – 0.3	0.2 – 0.7				0.1 – 0.7	0.0 – 0.3	0.1 – 0.4
Lifetime Risk				1 in 1159	1 in 5310	1 in 1933				1 in 2,073	1 in 11,654	1 in 3,594
PYLL										63	13	75
% of all cancers				0.2	0.0	0.1				0.3	0.1	0.2
Trend 2017–2021 (per annum)				55.3%	70.1%	53.4%				19.4%	undefined	33.3%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	1	0	1	1.8	0.0	0.9
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	1	1	0.0	2.1	1.1	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	2	2	0.0	0.2	0.1	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.0	0.2	0.1				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.4	0.0 – 0.2				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				0.0	0.1	0.1				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.3	0.0 – 0.1				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				N/A	1 in 5326	1 in 10308				1 in 10,932	N/A	1 in 22,585
PYLL										13	0	13
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2017–2021 (per annum)				-20.9%	24.7%	-13.4%				-25.4%	22.3%	-16.2%

Table A2.9 – Cancer of the Oesophagus

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.6	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	2	2	0.0	3.6	1.8	0	1	1	0.0	1.8	0.9
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	6	2	8	10.5	3.4	6.9	3	1	4	5.2	1.7	3.5
55–59	8	1	9	14.1	1.7	7.8	5	0	5	8.8	0.0	4.3
60–64	11	4	15	20.1	6.9	13.3	5	2	7	9.1	3.4	6.2
65–69	15	4	19	30.9	7.6	18.8	15	3	18	30.9	5.7	17.8
70–74	22	6	28	49.5	12.3	30.0	13	5	18	29.2	10.3	19.3
75–79	13	4	17	41.8	11.5	25.8	11	2	13	35.3	5.7	19.7
80–84	5	5	10	24.8	20.1	22.2	6	3	9	29.7	12.0	20.0
85+	10	10	20	55.1	34.7	42.6	7	14	21	38.5	48.6	44.7
Total/Crude rate	91	38	129	10.2	4.2	7.2	65	31	96	7.3	3.4	5.3
AS Rate (Aust)				8.2	3.0	5.5				5.8	2.3	4.0
Confidence Interval (95%)				6.5 – 9.9	2.0 – 4.0	4.5 – 6.4				4.4 – 7.2	1.5 – 3.1	3.2 – 4.8
AS Rate (World)				5.3	1.8	3.5				3.6	1.2	2.4
Confidence Interval (95%)				4.2 – 6.3	1.2 – 2.4	2.9 – 4.1				2.8 – 4.5	0.8 – 1.7	1.9 – 2.8
Lifetime Risk				1 in 158	1 in 563	1 in 252				1 in 241	1 in 873	1 in 385
PYLL										363	115	478
% of all cancers				1.4	0.8	1.1				3.1	1.9	2.6
Trend 2017–2021 (per annum)				-4.0%	-1.7%	-3.3%				0.8%	3.6%	1.8%

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

Table A2.10 – Cancer of the Stomach

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
35–39	1	2	3	1.7	3.3	2.5	1	0	1	1.7	0.0	0.8
40–44	0	3	3	0.0	5.5	2.8	2	1	3	3.7	1.8	2.8
45–49	4	1	5	7.2	1.8	4.5	0	2	2	0.0	3.6	1.8
50–54	4	4	8	7.0	6.9	6.9	1	1	2	1.7	1.7	1.7
55–59	4	2	6	7.1	3.4	5.2	2	1	3	3.5	1.7	2.6
60–64	14	5	19	25.6	8.6	16.8	7	1	8	12.8	1.7	7.1
65–69	16	6	22	32.9	11.4	21.7	6	0	6	12.3	0.0	5.9
70–74	20	9	29	45.0	18.5	31.1	9	7	16	20.2	14.4	17.2
75–79	18	10	28	57.8	28.7	42.4	14	5	19	45.0	14.3	28.8
80–84	14	8	22	69.3	32.1	48.8	9	3	12	44.6	12.0	26.6
85+	10	3	13	55.1	10.4	27.7	11	5	16	60.6	17.4	34.1
Total/Crude rate	106	53	159	11.9	5.8	8.8	62	26	88	7.0	2.9	4.9
AS Rate (Aust)				9.7	4.5	6.9				5.7	2.1	3.7
Confidence Interval (95%)				7.8 – 11.6	3.3 – 5.8	5.8 – 8.0				4.3 – 7.1	1.2 – 2.9	2.9 – 4.5
AS Rate (World)				6.1	3.1	4.5				3.4	1.3	2.3
Confidence Interval (95%)				5.0 – 7.3	2.3 – 3.9	3.8 – 5.2				2.6 – 4.1	0.8 – 1.8	1.8 – 2.7
Lifetime Risk				1 in 157	1 in 338	1 in 217				1 in 357	1 in 804	1 in 502
PYLL										315	158	473
% of all cancers				1.6	1.1	1.4				3.0	1.6	2.3
Trend 2017–2021 (per annum)				-6.5%	-1.3%	-4.9%				-4.3%	-5.8%	-5.0%

Table A2.11 – Cancer of the Small intestine

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	2	0	2	3.3	0.0	1.7	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	1	1	2	1.8	1.8	1.8
50–54	5	2	7	8.7	3.4	6.1	1	1	2	1.7	1.7	1.7
55–59	3	2	5	5.3	3.4	4.3	0	1	1	0.0	1.7	0.9
60–64	7	5	12	12.8	8.6	10.6	0	3	3	0.0	5.1	2.7
65–69	9	2	11	18.5	3.8	10.9	1	2	3	2.1	3.8	3.0
70–74	9	3	12	20.2	6.2	12.9	4	2	6	9.0	4.1	6.4
75–79	4	4	8	12.9	11.5	12.1	1	4	5	3.2	11.5	7.6
80–84	4	2	6	19.8	8.0	13.3	2	0	2	9.9	0.0	4.4
85+	4	1	5	22.0	3.5	10.7	3	3	6	16.5	10.4	12.8
Total/Crude rate	48	22	70	5.4	2.4	3.9	13	17	30	1.5	1.9	1.7
AS Rate (Aust)				4.5	1.9	3.1				1.2	1.4	1.3
Confidence Interval (95%)				3.2 – 5.8	1.1 – 2.7	2.4 – 3.9				0.5 – 1.9	0.7 – 2.1	0.8 – 1.8
AS Rate (World)				3.0	1.3	2.1				0.7	0.9	0.8
Confidence Interval (95%)				2.2 – 3.9	0.8 – 1.8	1.6 – 2.6				0.3 – 1.1	0.5 – 1.4	0.5 – 1.1
Lifetime Risk				1 in 283	1 in 736	1 in 415				1 in 1,369	1 in 1,095	1 in 1,216
PYLL										68	125	193
% of all cancers				0.7	0.4	0.6				0.6	1.0	0.8
Trend 2017–2021 (per annum)				3.9%	-7.4%	-1.7%				7.1%	23.3%	14.6%

Table A2.12 – Cancer of the Colon and rectum

South Australia Year – 2021	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	1	1	0.0	1.9	0.9	0	0	0	0.0	0.0	0.0
10–14	2	0	2	3.6	0.0	1.9	0	0	0	0.0	0.0	0.0
15–19	0	3	3	0.0	6.1	3.0	0	0	0	0.0	0.0	0.0
20–24	3	2	5	5.2	3.7	4.4	0	0	0	0.0	0.0	0.0
25–29	4	7	11	6.5	11.8	9.1	0	0	0	0.0	0.0	0.0
30–34	8	6	14	13.2	9.9	11.5	1	3	4	1.7	4.9	3.3
35–39	13	15	28	21.6	24.6	23.1	3	4	7	5.0	6.6	5.8
40–44	8	11	19	15.0	20.0	17.5	2	2	4	3.7	3.6	3.7
45–49	25	20	45	45.2	35.9	40.5	3	2	5	5.4	3.6	4.5
50–54	41	25	66	71.6	43.0	57.2	11	7	18	19.2	12.0	15.6
55–59	48	38	86	84.8	64.8	74.6	5	12	17	8.8	20.5	14.7
60–64	57	52	109	104.3	89.2	96.5	12	10	22	22.0	17.2	19.5
65–69	75	63	138	154.3	119.7	136.3	27	15	42	55.5	28.5	41.5
70–74	110	89	199	247.5	182.5	213.5	27	12	39	60.7	24.6	41.8
75–79	64	52	116	205.6	149.1	175.8	26	25	51	83.5	71.7	77.3
80–84	82	66	148	406.1	265.1	328.2	33	28	61	163.4	112.5	135.3
85+	76	107	183	418.5	371.8	389.9	66	72	138	363.4	250.2	294.0
Total/Crude rate	616	557	1,173	69.1	61.1	65.1	216	192	408	24.2	21.1	22.6
AS Rate (Aust)				58.7	46.4	52.1				20.4	14.8	17.3
Confidence Interval (95%)				54.0 – 63.4	42.4 – 50.4	49.1 – 55.2				17.6 – 23.1	12.7 – 17.0	15.6 – 19.0
AS Rate (World)				38.5	31.0	34.5				11.2	8.5	9.7
Confidence Interval (95%)				35.5 – 41.4	28.3 – 33.7	32.5 – 36.5				9.8 – 12.6	7.3 – 9.7	8.8 – 10.7
Lifetime Risk				1 in 26	1 in 33	1 in 29				1 in 110	1 in 165	1 in 133
PYLL										1,058	1,033	2,090
% of all cancers				9.4	11.1	10.1				10.3	11.6	10.9
Trend 2017–2021 (per annum)				-2.4%	-3.0%	-2.6%				-3.7%	-1.5%	-2.9%

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

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

South Australia Year – 2021	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	1.6	0.8	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
50–54	0	4	4	0.0	6.9	3.5	0	1	1	0.0	1.7	0.9
55–59	2	4	6	3.5	6.8	5.2	1	0	1	1.8	0.0	0.9
60–64	1	4	5	1.8	6.9	4.4	1	0	1	1.8	0.0	0.9
65–69	2	2	4	4.1	3.8	4.0	1	0	1	2.1	0.0	1.0
70–74	1	3	4	2.2	6.2	4.3	0	1	1	0.0	2.1	1.1
75–79	1	2	3	3.2	5.7	4.5	2	0	2	6.4	0.0	3.0
80–84	1	0	1	5.0	0.0	2.2	0	1	1	0.0	4.0	2.2
85+	2	3	5	11.0	10.4	10.7	1	1	2	5.5	3.5	4.3
Total/Crude rate	10	24	34	1.1	2.6	1.9	6	5	11	0.7	0.5	0.6
AS Rate (Aust)				0.9	2.2	1.6				0.6	0.4	0.5
Confidence Interval (95%)				0.4 – 1.5	1.3 – 3.1	1.0 – 2.1				0.1 – 1.0	0.0 – 0.9	0.2 – 0.8
AS Rate (World)				0.6	1.6	1.1				0.3	0.3	0.3
Confidence Interval (95%)				0.2 – 0.9	0.9 – 2.2	0.7 – 1.4				0.1 – 0.6	0.0 – 0.6	0.1 – 0.5
Lifetime Risk				1 in 1706	1 in 589	1 in 867				1 in 3,539	1 in 3,595	1 in 3,584
PYLL										38	53	90
% of all cancers				0.2	0.5	0.3				0.3	0.3	0.3
Trend 2017–2021 (per annum)				-5.1%	-1.0%	-2.4%				6.0%	-4.7%	-0.6%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	3	1	4	6.0	2.1	4.1	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	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	1.6	0.8	0	0	0	0.0	0.0	0.0
35–39	0	2	2	0.0	3.3	1.7	1	0	1	1.7	0.0	0.8
40–44	2	2	4	3.7	3.6	3.7	1	0	1	1.9	0.0	0.9
45–49	2	3	5	3.6	5.4	4.5	1	1	2	1.8	1.8	1.8
50–54	2	3	5	3.5	5.2	4.3	3	2	5	5.2	3.4	4.3
55–59	14	3	17	24.7	5.1	14.7	5	0	5	8.8	0.0	4.3
60–64	26	4	30	47.6	6.9	26.6	15	1	16	27.4	1.7	14.2
65–69	16	7	23	32.9	13.3	22.7	12	5	17	24.7	9.5	16.8
70–74	15	10	25	33.7	20.5	26.8	13	3	16	29.2	6.2	17.2
75–79	13	8	21	41.8	22.9	31.8	13	9	22	41.8	25.8	33.3
80–84	19	8	27	94.1	32.1	59.9	18	5	23	89.1	20.1	51.0
85+	20	8	28	110.1	27.8	59.7	15	13	28	82.6	45.2	59.7
Total/Crude rate	132	60	192	14.8	6.6	10.6	98	39	137	11.0	4.3	7.6
AS Rate (Aust)				12.7	5.1	8.6				9.2	2.9	5.8
Confidence Interval (95%)				10.5 – 14.8	3.8 – 6.4	7.3 – 9.8				7.4 – 11.0	2.0 – 3.8	4.9 – 6.8
AS Rate (World)				7.9	3.5	5.6				5.5	1.6	3.5
Confidence Interval (95%)				6.6 – 9.3	2.6 – 4.5	4.8 – 6.4				4.5 – 6.6	1.1 – 2.1	2.9 – 4.0
Lifetime Risk				1 in 129	1 in 299	1 in 182				1 in 196	1 in 885	1 in 327
PYLL										615	130	745
% of all cancers				2.0	1.2	1.7				4.7	2.4	3.7
Trend 2017–2021 (per annum)				-0.2%	3.0%	0.2%				-0.3%	1.0%	-0.1%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	1	0	1	1.9	0.0	0.9
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	1	2	3	1.7	3.4	2.6	2	1	3	3.5	1.7	2.6
55–59	1	7	8	1.8	11.9	6.9	0	2	2	0.0	3.4	1.7
60–64	6	5	11	11.0	8.6	9.7	5	4	9	9.1	6.9	8.0
65–69	5	7	12	10.3	13.3	11.9	5	5	10	10.3	9.5	9.9
70–74	7	6	13	15.7	12.3	13.9	3	5	8	6.7	10.3	8.6
75–79	10	5	15	32.1	14.3	22.7	3	7	10	9.6	20.1	15.2
80–84	8	8	16	39.6	32.1	35.5	9	6	15	44.6	24.1	33.3
85+	13	10	23	71.6	34.7	49.0	11	9	20	60.6	31.3	42.6
Total/Crude rate	52	51	103	5.8	5.6	5.7	39	39	78	4.4	4.3	4.3
AS Rate (Aust)				4.8	4.1	4.4				3.8	3.0	3.3
Confidence Interval (95%)				3.5 – 6.1	3.0 – 5.3	3.5 – 5.2				2.6 – 4.9	2.0 – 3.9	2.6 – 4.0
AS Rate (World)				2.6	2.6	2.6				2.0	1.7	1.8
Confidence Interval (95%)				2.0 – 3.3	1.9 – 3.3	2.1 – 3.1				1.4 – 2.6	1.2 – 2.2	1.4 – 2.2
Lifetime Risk				1 in 474	1 in 390	1 in 427				1 in 634	1 in 630	1 in 632
PYLL										185	158	343
% of all cancers				0.8	1.0	0.9				1.9	2.4	2.1
Trend 2017–2021 (per annum)				3.2%	-3.3%	-0.9%				11.0%	-1.6%	2.9%

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

Table A2.16 – Cancer of the Pancreas

South Australia Year – 2021	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	1	1	0.0	1.6	0.8
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	5.6	3.6	4.6	0	1	1	0.0	1.8	0.9
45–49	9	5	14	16.3	9.0	12.6	2	0	2	3.6	0.0	1.8
50–54	6	6	12	10.5	10.3	10.4	8	5	13	14.0	8.6	11.3
55–59	20	11	31	35.3	18.8	26.9	10	2	12	17.7	3.4	10.4
60–64	27	16	43	49.4	27.5	38.1	19	10	29	34.8	17.2	25.7
65–69	33	21	54	67.9	39.9	53.3	21	17	38	43.2	32.3	37.5
70–74	28	22	50	63.0	45.1	53.6	21	16	37	47.2	32.8	39.7
75–79	35	25	60	112.5	71.7	90.9	31	23	54	99.6	66.0	81.8
80–84	17	19	36	84.2	76.3	79.8	25	23	48	123.8	92.4	106.5
85+	17	26	43	93.6	90.3	91.6	21	30	51	115.6	104.2	108.6
Total/Crude rate	195	153	348	21.9	16.8	19.3	158	128	286	17.7	14.0	15.9
AS Rate (Aust)				18.2	12.3	15.1				14.6	9.8	12.1
Confidence Interval (95%)				15.6 – 20.8	10.3 – 14.3	13.5 – 16.8				12.3 – 16.9	8.1 – 11.5	10.6 – 13.5
AS Rate (World)				11.8	7.7	9.7				8.7	5.6	7.1
Confidence Interval (95%)				10.2 – 13.4	6.5 – 8.9	8.7 – 10.7				7.4 – 10.0	4.7 – 6.6	6.3 – 7.9
Lifetime Risk				1 in 81	1 in 130	1 in 101				1 in 125	1 in 205	1 in 157
PYLL										858	515	1,373
% of all cancers				3.0	3.0	3.0				7.5	7.7	7.6
Trend 2017–2021 (per annum)				5.5%	-0.7%	2.5%				6.0%	-0.3%	3.0%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	1	1	2	1.9	1.8	1.8	0	0	0	0.0	0.0	0.0
45–49	1	2	3	1.8	3.6	2.7	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	2	2	0.0	3.4	1.7	0	0	0	0.0	0.0	0.0
60–64	0	2	2	0.0	3.4	1.8	0	0	0	0.0	0.0	0.0
65–69	2	1	3	4.1	1.9	3.0	0	0	0	0.0	0.0	0.0
70–74	3	1	4	6.7	2.1	4.3	1	1	2	2.2	2.1	2.1
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	1	1	2	5.0	4.0	4.4	0	0	0	0.0	0.0	0.0
85+	1	1	2	5.5	3.5	4.3	0	0	0	0.0	0.0	0.0
Total/Crude rate	9	12	21	1.0	1.3	1.2	1	1	2	0.1	0.1	0.1
AS Rate (Aust)				0.8	1.2	1.0				0.1	0.1	0.1
Confidence Interval (95%)				0.3 – 1.4	0.5 – 1.9	0.6 – 1.5				0.0 – 0.2	0.0 – 0.2	0.0 – 0.2
AS Rate (World)				0.6	0.9	0.7				0.0	0.0	0.0
Confidence Interval (95%)				0.2 – 1.0	0.4 – 1.5	0.4 – 1.1				0.0 – 0.1	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 1375	1 in 1119	1 in 1240				1 in 8,890	1 in 9,754	1 in 9,322
PYLL										3	3	5
% of all cancers				0.1	0.2	0.2				0.0	0.1	0.1
Trend 2017–2021 (per annum)				13.1%	5.8%	9.7%				-22.8%	-6.2%	-17.8%

Table A2.18 – Cancer of the Larynx

South Australia Year – 2021	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	0.9	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	0	2	3.5	0.0	1.7	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	9	1	10	16.5	1.7	8.9	1	0	1	1.8	0.0	0.9
65–69	12	0	12	24.7	0.0	11.9	4	0	4	8.2	0.0	4.0
70–74	8	1	9	18.0	2.1	9.7	3	0	3	6.7	0.0	3.2
75–79	7	0	7	22.5	0.0	10.6	3	1	4	9.6	2.9	6.1
80–84	1	1	2	5.0	4.0	4.4	3	0	3	14.9	0.0	6.7
85+	2	0	2	11.0	0.0	4.3	0	0	0	0.0	0.0	0.0
Total/Crude rate	45	4	49	5.0	0.4	2.7	15	1	16	1.7	0.1	0.9
AS Rate (Aust)				4.1	0.3	2.1				1.3	0.1	0.7
Confidence Interval (95%)				2.9 – 5.3	0.0 – 0.7	1.5 – 2.7				0.6 – 2.0	0.0 – 0.2	0.3 – 1.0
AS Rate (World)				2.7	0.2	1.4				0.8	0.0	0.4
Confidence Interval (95%)				2.0 – 3.5	0.0 – 0.4	1.0 – 1.8				0.4 – 1.2	0.0 – 0.1	0.2 – 0.6
Lifetime Risk				1 in 287	1 in 3656	1 in 549				1 in 1,077	N/A	1 in 2,242
PYLL										68	0	68
% of all cancers				0.7	0.1	0.4				0.7	0.1	0.4
Trend 2017–2021 (per annum)				-5.2%	-6.4%	-5.3%				4.0%	-23.6%	-1.1%

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 – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	1	1	2	1.7	1.6	1.6	0	1	1	0.0	1.6	0.8
35–39	2	2	4	3.3	3.3	3.3	1	0	1	1.7	0.0	0.8
40–44	2	1	3	3.7	1.8	2.8	4	1	5	7.5	1.8	4.6
45–49	8	8	16	14.5	14.3	14.4	3	1	4	5.4	1.8	3.6
50–54	18	11	29	31.4	18.9	25.1	12	9	21	21.0	15.5	18.2
55–59	37	37	74	65.3	63.1	64.2	30	17	47	53.0	29.0	40.8
60–64	58	67	125	106.1	115.0	110.7	43	34	77	78.7	58.4	68.2
65–69	71	64	135	146.1	121.6	133.4	45	36	81	92.6	68.4	80.0
70–74	101	82	183	227.2	168.1	196.3	61	43	104	137.2	88.2	111.6
75–79	102	67	169	327.7	192.2	256.1	74	55	129	237.8	157.7	195.5
80–84	67	55	122	331.8	220.9	270.6	57	54	111	282.3	216.9	246.2
85+	58	60	118	319.4	208.5	251.4	65	64	129	357.9	222.4	274.8
Total/Crude rate	525	456	981	58.9	50.0	54.4	395	315	710	44.3	34.5	39.4
AS Rate (Aust)				47.6	36.6	41.6				36.4	24.4	29.9
Confidence Interval (95%)				43.5 – 51.7	33.2 – 40.0	39.0 – 44.2				32.7 – 40.0	21.7 – 27.1	27.7 – 32.1
AS Rate (World)				29.3	23.1	26.0				21.5	14.3	17.7
Confidence Interval (95%)				27.0 – 31.7	21.0 – 25.3	24.4 – 27.6				19.5 – 23.5	12.8 – 15.9	16.4 – 18.9
Lifetime Risk				1 in 34	1 in 40	1 in 37				1 in 51	1 in 76	1 in 61
PYLL										2,073	1,405	3,478
% of all cancers				8.0	9.0	8.4				18.8	19.1	18.9
Trend 2017–2021 (per annum)				-3.0%	-2.6%	-2.7%				-3.1%	-1.9%	-2.5%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
20–24	0	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	2	0	2	3.5	0.0	1.7
60–64	2	0	2	3.7	0.0	1.8	2	0	2	3.7	0.0	1.8
65–69	5	1	6	10.3	1.9	5.9	1	1	2	2.1	1.9	2.0
70–74	6	3	9	13.5	6.2	9.7	8	4	12	18.0	8.2	12.9
75–79	6	0	6	19.3	0.0	9.1	12	2	14	38.6	5.7	21.2
80–84	12	2	14	59.4	8.0	31.0	12	6	18	59.4	24.1	39.9
85+	11	2	13	60.6	6.9	27.7	5	1	6	27.5	3.5	12.8
Total/Crude rate	44	8	52	4.9	0.9	2.9	42	14	56	4.7	1.5	3.1
AS Rate (Aust)				4.1	0.6	2.1				3.7	1.0	2.3
Confidence Interval (95%)				2.9 – 5.3	0.2 – 1.0	1.5 – 2.7				2.6 – 4.9	0.5 – 1.6	1.7 – 2.9
AS Rate (World)				2.2	0.3	1.2				2.0	0.6	1.2
Confidence Interval (95%)				1.6 – 2.8	0.1 – 0.5	0.8 – 1.5				1.5 – 2.5	0.3 – 0.8	1.0 – 1.5
Lifetime Risk				1 in 643	1 in 2484	1 in 1042				1 in 735	1 in 1,980	1 in 1,090
PYLL										88	18	105
% of all cancers				0.7	0.2	0.4				2.0	0.8	1.5
Trend 2017–2021 (per annum)				-6.5%	-13.9%	-8.4%				-6.0%	3.6%	-3.8%

Table A2.21 – Cancer of the Thymus

South Australia Year – 2021	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	1.6	0.8	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	0	0	0	0.0	0.0	0.0	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	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.1	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	1	1	0.0	2.9	1.5	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	5	7	0.2	0.5	0.4	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.2	0.5	0.3				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.5	0.1 – 0.9	0.1 – 0.6				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.1	0.4	0.3				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.1 – 0.7	0.1 – 0.4				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 5232	1 in 2955	1 in 3773				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.1	0.1				0.0	0.0	0.0
Trend 2017–2021 (per annum)				-17.7%	-12.7%	-14.9%				-21.3%	-6.9%	-16.1%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	1	1	2	1.8	1.9	1.9	0	0	0	0.0	0.0	0.0
10–14	2	2	4	3.6	3.8	3.7	0	0	0	0.0	0.0	0.0
15–19	0	2	2	0.0	4.1	2.0	0	1	1	0.0	2.0	1.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.6	0.0	0.8	1	0	1	1.6	0.0	0.8
30–34	0	0	0	0.0	0.0	0.0	1	0	1	1.7	0.0	0.8
35–39	1	0	1	1.7	0.0	0.8	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	0	0	0	0.0	0.0	0.0	1	0	1	1.7	0.0	0.9
55–59	2	3	5	3.5	5.1	4.3	2	1	3	3.5	1.7	2.6
60–64	2	0	2	3.7	0.0	1.8	1	0	1	1.8	0.0	0.9
65–69	1	2	3	2.1	3.8	3.0	0	1	1	0.0	1.9	1.0
70–74	1	2	3	2.2	4.1	3.2	1	0	1	2.2	0.0	1.1
75–79	0	1	1	0.0	2.9	1.5	1	1	2	3.2	2.9	3.0
80–84	1	0	1	5.0	0.0	2.2	0	0	0	0.0	0.0	0.0
85+	0	1	1	0.0	3.5	2.1	0	0	0	0.0	0.0	0.0
Total/Crude rate	13	14	27	1.5	1.5	1.5	8	4	12	0.9	0.4	0.7
AS Rate (Aust)				1.4	1.4	1.4				0.8	0.4	0.6
Confidence Interval (95%)				0.6 – 2.1	0.6 – 2.1	0.8 – 1.9				0.2 – 1.4	0.0 – 0.8	0.3 – 0.9
AS Rate (World)				1.3	1.3	1.3				0.7	0.4	0.5
Confidence Interval (95%)				0.5 – 2.1	0.5 – 2.2	0.8 – 1.9				0.2 – 1.1	0.0 – 0.8	0.2 – 0.8
Lifetime Risk				1 in 911	1 in 876	1 in 893				1 in 1,583	1 in 3,542	1 in 2,208
PYLL										163	83	245
% of all cancers				0.2	0.3	0.2				0.4	0.2	0.3
Trend 2017–2021 (per annum)				20.4%	-1.8%	8.6%				23.5%	1.5%	15.1%

Table A2.23 – Melanoma of skin

South Australia Year – 2021	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	4.1	2.0	0	0	0	0.0	0.0	0.0
20–24	2	1	3	3.4	1.8	2.7	0	0	0	0.0	0.0	0.0
25–29	2	6	8	3.3	10.1	6.6	0	0	0	0.0	0.0	0.0
30–34	6	4	10	9.9	6.6	8.2	0	0	0	0.0	0.0	0.0
35–39	9	11	20	14.9	18.1	16.5	2	0	2	3.3	0.0	1.7
40–44	14	17	31	26.2	30.9	28.6	0	0	0	0.0	0.0	0.0
45–49	12	29	41	21.7	52.0	36.9	0	0	0	0.0	0.0	0.0
50–54	20	26	46	34.9	44.7	39.9	0	0	0	0.0	0.0	0.0
55–59	40	33	73	70.6	56.3	63.3	0	2	2	0.0	3.4	1.7
60–64	57	38	95	104.3	65.2	84.1	0	0	0	0.0	0.0	0.0
65–69	74	47	121	152.2	89.3	119.5	2	2	4	4.1	3.8	4.0
70–74	83	38	121	186.7	77.9	129.8	7	1	8	15.7	2.1	8.6
75–79	49	42	91	157.4	120.5	137.9	6	1	7	19.3	2.9	10.6
80–84	50	26	76	247.6	104.4	168.5	7	6	13	34.7	24.1	28.8
85+	43	50	93	236.8	173.7	198.1	10	13	23	55.1	45.2	49.0
Total/Crude rate	461	370	831	51.7	40.6	46.1	34	25	59	3.8	2.7	3.3
AS Rate (Aust)				43.6	33.2	37.9				3.1	1.8	2.4
Confidence Interval (95%)				39.6 – 47.6	29.7 – 36.7	35.3 – 40.6				2.0 – 4.1	1.1 – 2.5	1.8 – 3.0
AS Rate (World)				29.1	23.9	26.2				1.6	0.8	1.2
Confidence Interval (95%)				26.5 – 31.7	21.3 – 26.4	24.4 – 28.0				1.2 – 2.1	0.5 – 1.2	0.9 – 1.5
Lifetime Risk				1 in 32	1 in 44	1 in 38				1 in 863	1 in 2,160	1 in 1,257
PYLL										108	53	160
% of all cancers				7.0	7.3	7.1				1.6	1.5	1.6
Trend 2017–2021 (per annum)				-0.2%	2.6%	0.9%				-6.1%	19.1%	-0.2%

Table A2.24 – Cancer of the Skin of lip

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	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	5.2	1.7	3.5	0	0	0	0.0	0.0	0.0
55–59	4	5	9	7.1	8.5	7.8	0	0	0	0.0	0.0	0.0
60–64	3	4	7	5.5	6.9	6.2	0	0	0	0.0	0.0	0.0
65–69	1	4	5	2.1	7.6	4.9	0	0	0	0.0	0.0	0.0
70–74	3	2	5	6.7	4.1	5.4	1	0	1	2.2	0.0	1.1
75–79	1	5	6	3.2	14.3	9.1	1	0	1	3.2	0.0	1.5
80–84	4	1	5	19.8	4.0	11.1	0	0	0	0.0	0.0	0.0
85+	3	4	7	16.5	13.9	14.9	0	0	0	0.0	0.0	0.0
Total/Crude rate	24	27	51	2.7	3.0	2.8	2	0	2	0.2	0.0	0.1
AS Rate (Aust)				2.4	2.3	2.3				0.2	0.0	0.1
Confidence Interval (95%)				1.4 – 3.4	1.4 – 3.2	1.7 – 3.0				0.0 – 0.4	0.0 – 0.0	0.0 – 0.2
AS Rate (World)				1.6	1.5	1.5				0.1	0.0	0.0
Confidence Interval (95%)				1.0 – 2.2	0.9 – 2.1	1.1 – 2.0				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 666	1 in 653	1 in 658				1 in 8,890	N/A	1 in 18,644
PYLL										3	0	3
% of all cancers				0.4	0.5	0.4				0.1	0.0	0.1
Trend 2017–2021 (per annum)				-5.7%	6.6%	-1.9%				2.1%	-33.3%	-21.1%

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

South Australia Year – 2021	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	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.7	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	0	1	1	0.0	2.1	1.1	0	0	0	0.0	0.0	0.0
75–79	2	0	2	6.4	0.0	3.0	1	0	1	3.2	0.0	1.5
80–84	0	1	1	0.0	4.0	2.2	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	1	0	1	5.5	0.0	2.1
Total/Crude rate	2	5	7	0.2	0.5	0.4	2	0	2	0.2	0.0	0.1
AS Rate (Aust)				0.2	0.5	0.3				0.2	0.0	0.1
Confidence Interval (95%)				0.0 – 0.4	0.0 – 0.9	0.1 – 0.5				0.0 – 0.4	0.0 – 0.0	0.0 – 0.2
AS Rate (World)				0.1	0.3	0.2				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.2	0.0 – 0.6	0.1 – 0.4				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				N/A	1 in 2781	1 in 5417				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.1	0.1				0.1	0.0	0.1
Trend 2017–2021 (per annum)				21.2%	6.8%	10.8%				undefined	-33.3%	-4.2%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	2	1	3	4.0	2.1	3.1	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	1	1	2	1.9	2.0	2.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	2	2	4	3.3	3.4	3.3	0	0	0	0.0	0.0	0.0
30–34	0	1	1	0.0	1.6	0.8	0	0	0	0.0	0.0	0.0
35–39	3	1	4	5.0	1.6	3.3	0	0	0	0.0	0.0	0.0
40–44	1	1	2	1.9	1.8	1.8	0	0	0	0.0	0.0	0.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	4	1	5	7.0	1.7	4.3	0	0	0	0.0	0.0	0.0
55–59	4	6	10	7.1	10.2	8.7	1	0	1	1.8	0.0	0.9
60–64	6	3	9	11.0	5.1	8.0	1	2	3	1.8	3.4	2.7
65–69	7	3	10	14.4	5.7	9.9	2	1	3	4.1	1.9	3.0
70–74	10	10	20	22.5	20.5	21.5	5	3	8	11.2	6.2	8.6
75–79	14	4	18	45.0	11.5	27.3	2	0	2	6.4	0.0	3.0
80–84	14	4	18	69.3	16.1	39.9	0	3	3	0.0	12.0	6.7
85+	23	8	31	126.7	27.8	66.0	8	3	11	44.1	10.4	23.4
Total/Crude rate	92	47	139	10.3	5.2	7.7	20	13	33	2.2	1.4	1.8
AS Rate (Aust)				8.9	4.0	6.1				1.8	1.0	1.4
Confidence Interval (95%)				7.0 – 10.7	2.8 – 5.2	5.1 – 7.2				1.0 – 2.6	0.5 – 1.6	0.9 – 1.8
AS Rate (World)				5.5	3.0	4.1				1.0	0.7	0.8
Confidence Interval (95%)				4.3 – 6.6	2.0 – 3.9	3.4 – 4.8				0.5 – 1.5	0.2 – 1.1	0.5 – 1.2
Lifetime Risk				1 in 252	1 in 347	1 in 293				1 in 958	1 in 1,479	1 in 1,173
PYLL										115	98	213
% of all cancers				1.4	0.9	1.2				1.0	0.8	0.9
Trend 2017–2021 (per annum)				9.0%	-0.2%	5.0%				-2.6%	-14.8%	-8.9%

Table A2.27 – Cancer of Retroperitoneum and peritoneum

South Australia Year – 2021	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	1.6	0.8	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	1	0	1	1.8	0.0	0.9	0	1	1	0.0	1.8	0.9
50–54	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
60–64	1	3	4	1.8	5.1	3.5	0	1	1	0.0	1.7	0.9
65–69	0	1	1	0.0	1.9	1.0	0	1	1	0.0	1.9	1.0
70–74	1	1	2	2.2	2.1	2.1	1	3	4	2.2	6.2	4.3
75–79	0	2	2	0.0	5.7	3.0	0	3	3	0.0	8.6	4.5
80–84	1	3	4	5.0	12.0	8.9	3	4	7	14.9	16.1	15.5
85+	0	4	4	0.0	13.9	8.5	0	5	5	0.0	17.4	10.7
Total/Crude rate	5	16	21	0.6	1.8	1.2	4	18	22	0.4	2.0	1.2
AS Rate (Aust)				0.5	1.3	0.9				0.4	1.3	0.9
Confidence Interval (95%)				0.1 – 1.0	0.6 – 1.9	0.5 – 1.4				0.0 – 0.7	0.7 – 2.0	0.5 – 1.3
AS Rate (World)				0.4	0.8	0.6				0.2	0.7	0.5
Confidence Interval (95%)				0.0 – 0.7	0.4 – 1.2	0.3 – 0.8				0.1 – 0.3	0.4 – 1.1	0.3 – 0.7
Lifetime Risk				1 in 2613	1 in 1605	1 in 1974				1 in 8,890	1 in 1,730	1 in 2,831
PYLL										3	55	58
% of all cancers				0.1	0.3	0.2				0.2	1.1	0.6
Trend 2017–2021 (per annum)				-9.3%	-3.3%	-4.7%				-8.2%	-4.2%	-5.2%

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 A2.28 – Cancer of the Female breast

South Australia Year – 2021	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	5	5	0.0	8.4	4.1	0	0	0	0.0	0.0	0.0
30–34	0	12	12	0.0	19.7	9.9	0	1	1	0.0	1.6	0.8
35–39	0	32	32	0.0	52.5	26.4	0	2	2	0.0	3.3	1.7
40–44	0	61	61	0.0	111.0	56.3	0	6	6	0.0	10.9	5.5
45–49	0	111	111	0.0	199.0	100.0	0	12	12	0.0	21.5	10.8
50–54	0	152	152	0.0	261.5	131.8	0	8	8	0.0	13.8	6.9
55–59	0	149	149	0.0	254.1	129.3	0	12	12	0.0	20.5	10.4
60–64	0	231	231	0.0	396.4	204.6	0	16	16	0.0	27.5	14.2
65–69	0	217	217	0.0	412.4	214.4	0	25	25	0.0	47.5	24.7
70–74	0	215	215	0.0	440.9	230.6	0	23	23	0.0	47.2	24.7
75–79	0	117	117	0.0	335.6	177.3	0	28	28	0.0	80.3	42.4
80–84	0	98	98	0.0	393.6	217.3	0	29	29	0.0	116.5	64.3
85+	0	81	81	0.0	281.4	172.6	0	51	51	0.0	177.2	108.6
Total/Crude rate	0	1,482	1,482	0.0	162.5	82.2	0	213	213	0.0	23.4	11.8
AS Rate (Aust)				0.0	135.3	70.2				0.0	17.4	9.3
Confidence Interval (95%)				0.0 – 0.0	128.2 – 142.4	66.6 – 73.8				0.0 – 0.0	15.0 – 19.7	8.1 – 10.6
AS Rate (World)				0.0	98.2	50.6				0.0	10.9	5.7
Confidence Interval (95%)				0.0 – 0.0	93.1 – 103.2	48.0 – 53.1				0.0 – 0.0	9.3 – 12.4	4.9 – 6.5
Lifetime Risk				N/A	1 in 10	1 in 19				N/A	1 in 104	1 in 201
PYLL										0	1,478	1,478
% of all cancers				0.0	29.4	12.7				0.0	12.9	5.7
Trend 2017–2021 (per annum)				0.0%	-1.3%	-1.3%				0.0%	-2.6%	-2.3%

Table A2.29 – Cancer of the Male breast

South Australia Year – 2021	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	3.5	0.0	1.7	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	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	2	0	2	4.1	0.0	2.0	0	0	0	0.0	0.0	0.0
70–74	4	0	4	9.0	0.0	4.3	0	0	0	0.0	0.0	0.0
75–79	5	0	5	16.1	0.0	7.6	0	0	0	0.0	0.0	0.0
80–84	1	0	1	5.0	0.0	2.2	0	0	0	0.0	0.0	0.0
85+	2	0	2	11.0	0.0	4.3	0	0	0	0.0	0.0	0.0
Total/Crude rate	17	0	17	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				1.5	0.0	0.7				0.0	0.0	0.0
Confidence Interval (95%)				0.8 – 2.2	0.0 – 0.0	0.4 – 1.0				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.9	0.0	0.4				0.0	0.0	0.0
Confidence Interval (95%)				0.5 – 1.3	0.0 – 0.0	0.2 – 0.6				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 1085	N/A	1 in 2251				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.3	0.0	0.1				0.0	0.0	0.0
Trend 2017–2021 (per annum)				8.3%	0.0%	8.6%				-20.4%	0.0%	-19.8%

Table A2.30 – Cancer of the Vulva

South Australia Year – 2021	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	3.6	1.8	0	0	0	0.0	0.0	0.0
50–54	0	3	3	0.0	5.2	2.6	0	0	0	0.0	0.0	0.0
55–59	0	3	3	0.0	5.1	2.6	0	1	1	0.0	1.7	0.9
60–64	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
65–69	0	5	5	0.0	9.5	4.9	0	1	1	0.0	1.9	1.0
70–74	0	2	2	0.0	4.1	2.1	0	1	1	0.0	2.1	1.1
75–79	0	3	3	0.0	8.6	4.5	0	2	2	0.0	5.7	3.0
80–84	0	4	4	0.0	16.1	8.9	0	0	0	0.0	0.0	0.0
85+	0	8	8	0.0	27.8	17.0	0	3	3	0.0	10.4	6.4
Total/Crude rate	0	31	31	0.0	3.4	1.7	0	8	8	0.0	0.9	0.4
AS Rate (Aust)				0.0	2.6	1.4				0.0	0.6	0.3
Confidence Interval (95%)				0.0 – 0.0	1.6 – 3.5	0.9 – 1.9				0.0 – 0.0	0.2 – 1.0	0.1 – 0.5
AS Rate (World)				0.0	1.6	0.8				0.0	0.3	0.2
Confidence Interval (95%)				0.0 – 0.0	1.0 – 2.2	0.5 – 1.1				0.0 – 0.0	0.1 – 0.5	0.1 – 0.3
Lifetime Risk				N/A	1 in 686	1 in 1336				N/A	1 in 3,536	1 in 6,831
PYLL										0	28	28
% of all cancers				0.0	0.6	0.3				0.0	0.5	0.2
Trend 2017–2021 (per annum)				0.0%	-5.3%	-5.3%				0.0%	-1.4%	-2.5%

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 A2.31 – Cancer of the Vagina

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	1	1	0.0	1.8	0.9
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
65–69	0	2	2	0.0	3.8	2.0	0	0	0	0.0	0.0	0.0
70–74	0	1	1	0.0	2.1	1.1	0	2	2	0.0	4.1	2.1
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	4.0	2.2	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	2	2	0.0	6.9	4.3
Total/Crude rate	0	6	6	0.0	0.7	0.3	0	5	5	0.0	0.5	0.3
AS Rate (Aust)				0.0	0.5	0.3				0.0	0.4	0.2
Confidence Interval (95%)				0.0 – 0.0	0.1 – 1.0	0.1 – 0.5				0.0 – 0.0	0.0 – 0.7	0.0 – 0.4
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 – 0.3
Lifetime Risk				N/A	1 in 2161	1 in 4199				N/A	1 in 3,394	1 in 6,566
PYLL										0	33	33
% of all cancers				0.0	0.1	0.1				0.0	0.3	0.1
Trend 2017–2021 (per annum)				0.0%	-10.8%	-10.6%				0.0%	13.7%	13.2%

Table A2.32 – Cancer of the Cervix uteri

South Australia Year – 2021	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	8.4	4.1	0	0	0	0.0	0.0	0.0
30–34	0	7	7	0.0	11.5	5.8	0	0	0	0.0	0.0	0.0
35–39	0	11	11	0.0	18.1	9.1	0	3	3	0.0	4.9	2.5
40–44	0	8	8	0.0	14.6	7.4	0	1	1	0.0	1.8	0.9
45–49	0	13	13	0.0	23.3	11.7	0	3	3	0.0	5.4	2.7
50–54	0	6	6	0.0	10.3	5.2	0	5	5	0.0	8.6	4.3
55–59	0	4	4	0.0	6.8	3.5	0	4	4	0.0	6.8	3.5
60–64	0	6	6	0.0	10.3	5.3	0	0	0	0.0	0.0	0.0
65–69	0	4	4	0.0	7.6	4.0	0	0	0	0.0	0.0	0.0
70–74	0	1	1	0.0	2.1	1.1	0	2	2	0.0	4.1	2.1
75–79	0	3	3	0.0	8.6	4.5	0	1	1	0.0	2.9	1.5
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	2	2	0.0	6.9	4.3	0	0	0	0.0	0.0	0.0
Total/Crude rate	0	70	70	0.0	7.7	3.9	0	19	19	0.0	2.1	1.1
AS Rate (Aust)				0.0	7.7	3.9				0.0	2.0	1.0
Confidence Interval (95%)				0.0 – 0.0	5.9 – 9.6	3.0 – 4.9				0.0 – 0.0	1.1 – 3.0	0.6 – 1.5
AS Rate (World)				0.0	6.9	3.5				0.0	1.7	0.9
Confidence Interval (95%)				0.0 – 0.0	5.4 – 8.4	2.7 – 4.3				0.0 – 0.0	1.0 – 2.4	0.5 – 1.2
Lifetime Risk				N/A	1 in 178	1 in 351				N/A	1 in 632	1 in 1,247
PYLL										0	415	415
% of all cancers				0.0	1.4	0.6				0.0	1.2	0.5
Trend 2017–2021 (per annum)				0.0%	1.9%	1.8%				0.0%	-7.2%	-7.6%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	4	4	0.0	6.6	3.3	0	0	0	0.0	0.0	0.0
35–39	0	5	5	0.0	8.2	4.1	0	0	0	0.0	0.0	0.0
40–44	0	6	6	0.0	10.9	5.5	0	0	0	0.0	0.0	0.0
45–49	0	11	11	0.0	19.7	9.9	0	0	0	0.0	0.0	0.0
50–54	0	23	23	0.0	39.6	19.9	0	1	1	0.0	1.7	0.9
55–59	0	37	37	0.0	63.1	32.1	0	2	2	0.0	3.4	1.7
60–64	0	30	30	0.0	51.5	26.6	0	7	7	0.0	12.0	6.2
65–69	0	35	35	0.0	66.5	34.6	0	6	6	0.0	11.4	5.9
70–74	0	37	37	0.0	75.9	39.7	0	3	3	0.0	6.2	3.2
75–79	0	23	23	0.0	66.0	34.9	0	11	11	0.0	31.5	16.7
80–84	0	13	13	0.0	52.2	28.8	0	5	5	0.0	20.1	11.1
85+	0	16	16	0.0	55.6	34.1	0	8	8	0.0	27.8	17.0
Total/Crude rate	0	241	241	0.0	26.4	13.4	0	43	43	0.0	4.7	2.4
AS Rate (Aust)				0.0	21.6	11.2				0.0	3.4	1.8
Confidence Interval (95%)				0.0 – 0.0	18.8 – 24.3	9.8 – 12.6				0.0 – 0.0	2.3 – 4.4	1.3 – 2.4
AS Rate (World)				0.0	15.5	8.0				0.0	2.0	1.1
Confidence Interval (95%)				0.0 – 0.0	13.6 – 17.5	7.0 – 9.0				0.0 – 0.0	1.4 – 2.6	0.8 – 1.4
Lifetime Risk				N/A	1 in 59	1 in 114				N/A	1 in 577	1 in 1,115
PYLL										0	198	198
% of all cancers				0.0	4.8	2.1				0.0	2.6	1.1
Trend 2017–2021 (per annum)				0.0%	-1.1%	-1.3%				0.0%	-6.8%	-7.1%

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 A2.34 – Cancer of the Ovary

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	1	1	0.0	1.9	0.9	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	2	2	0.0	3.7	1.8	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	3	3	0.0	4.9	2.5	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	1.8	0.9
45–49	0	6	6	0.0	10.8	5.4	0	2	2	0.0	3.6	1.8
50–54	0	5	5	0.0	8.6	4.3	0	3	3	0.0	5.2	2.6
55–59	0	11	11	0.0	18.8	9.5	0	3	3	0.0	5.1	2.6
60–64	0	12	12	0.0	20.6	10.6	0	9	9	0.0	15.4	8.0
65–69	0	11	11	0.0	20.9	10.9	0	5	5	0.0	9.5	4.9
70–74	0	10	10	0.0	20.5	10.7	0	10	10	0.0	20.5	10.7
75–79	0	11	11	0.0	31.5	16.7	0	11	11	0.0	31.5	16.7
80–84	0	9	9	0.0	36.1	20.0	0	10	10	0.0	40.2	22.2
85+	0	10	10	0.0	34.7	21.3	0	13	13	0.0	45.2	27.7
Total/Crude rate	0	92	92	0.0	10.1	5.1	0	67	67	0.0	7.3	3.7
AS Rate (Aust)				0.0	8.1	4.3				0.0	5.4	2.9
Confidence Interval (95%)				0.0 – 0.0	6.4 – 9.8	3.4 – 5.1				0.0 – 0.0	4.0 – 6.7	2.2 – 3.6
AS Rate (World)				0.0	5.8	3.0				0.0	3.3	1.7
Confidence Interval (95%)				0.0 – 0.0	4.6 – 7.0	2.4 – 3.6				0.0 – 0.0	2.5 – 4.1	1.3 – 2.1
Lifetime Risk				N/A	1 in 179	1 in 348				N/A	1 in 328	1 in 634
PYLL										0	383	383
% of all cancers				0.0	1.8	0.8				0.0	4.1	1.8
Trend 2017–2021 (per annum)				0.0%	-3.5%	-3.7%				0.0%	-1.2%	-1.3%

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

South Australia Year – 2021	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	2	2	0.0	3.3	1.6	0	1	1	0.0	1.6	0.8
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	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
50–54	0	3	3	0.0	5.2	2.6	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	2	2	0.0	3.4	1.8	0	0	0	0.0	0.0	0.0
65–69	0	1	1	0.0	1.9	1.0	0	1	1	0.0	1.9	1.0
70–74	0	4	4	0.0	8.2	4.3	0	0	0	0.0	0.0	0.0
75–79	0	5	5	0.0	14.3	7.6	0	2	2	0.0	5.7	3.0
80–84	0	5	5	0.0	20.1	11.1	0	2	2	0.0	8.0	4.4
85+	0	5	5	0.0	17.4	10.7	0	4	4	0.0	13.9	8.5
Total/Crude rate	0	30	30	0.0	3.3	1.7	0	11	11	0.0	1.2	0.6
AS Rate (Aust)				0.0	2.5	1.3				0.0	0.9	0.5
Confidence Interval (95%)				0.0 – 0.0	1.6 – 3.5	0.9 – 1.8				0.0 – 0.0	0.3 – 1.4	0.2 – 0.7
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	0.2 – 0.8	0.1 – 0.4
Lifetime Risk				N/A	1 in 733	1 in 1430				N/A	1 in 3,810	1 in 7,464
PYLL										0	68	68
% of all cancers				0.0	0.6	0.3				0.0	0.7	0.3
Trend 2017–2021 (per annum)				0.0%	2.1%	2.6%				0.0%	-1.4%	-1.1%

Table A2.36 – Cancer of the Placenta

South Australia Year – 2021	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 2017–2021 (per annum)				0.0%	-33.3%	-33.3%				0.0%	0.0%	0.0%

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

Table A2.37 – Cancer of the Penis

South Australia Year – 2021	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	0.9	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	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	2	0	2	3.7	0.0	1.8	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	1	0	1	2.1	0.0	1.0
70–74	3	0	3	6.7	0.0	3.2	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	2	0	2	9.9	0.0	4.4	1	0	1	5.0	0.0	2.2
85+	4	0	4	22.0	0.0	8.5	1	0	1	5.5	0.0	2.1
Total/Crude rate	13	0	13	1.5	0.0	0.7	3	0	3	0.3	0.0	0.2
AS Rate (Aust)				1.3	0.0	0.6				0.3	0.0	0.1
Confidence Interval (95%)				0.6 – 1.9	0.0 – 0.0	0.3 – 0.9				0.0 – 0.6	0.0 – 0.0	0.0 – 0.3
AS Rate (World)				0.7	0.0	0.3				0.1	0.0	0.1
Confidence Interval (95%)				0.3 – 1.1	0.0 – 0.0	0.1 – 0.5				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 1424	N/A	1 in 2950				1 in 9,722	N/A	1 in 20,245
PYLL										8	0	8
% of all cancers				0.2	0.0	0.1				0.1	0.0	0.1
Trend 2017–2021 (per annum)				-10.5%	0.0%	-11.5%				-10.7%	0.0%	-11.2%

Table A2.38 – Cancer of the Prostate

South Australia Year – 2021	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	5	0	5	9.4	0.0	4.6	0	0	0	0.0	0.0	0.0
45–49	30	0	30	54.3	0.0	27.0	0	0	0	0.0	0.0	0.0
50–54	67	0	67	117.0	0.0	58.1	1	0	1	1.7	0.0	0.9
55–59	189	0	189	333.7	0.0	164.0	3	0	3	5.3	0.0	2.6
60–64	329	0	329	601.9	0.0	291.3	8	0	8	14.6	0.0	7.1
65–69	516	0	516	1,061.6	0.0	509.8	22	0	22	45.3	0.0	21.7
70–74	527	0	527	1,185.7	0.0	565.4	34	0	34	76.5	0.0	36.5
75–79	354	0	354	1,137.4	0.0	536.4	44	0	44	141.4	0.0	66.7
80–84	176	0	176	871.6	0.0	390.3	48	0	48	237.7	0.0	106.5
85+	107	0	107	589.2	0.0	228.0	130	0	130	715.9	0.0	276.9
Total/Crude rate	2,300	0	2,300	258.0	0.0	127.6	290	0	290	32.5	0.0	16.1
AS Rate (Aust)				205.5	0.0	97.3				26.8	0.0	11.5
Confidence Interval (95%)				197.0 – 214.0	0.0 – 0.0	93.3 – 101.3				23.7 – 29.9	0.0 – 0.0	10.2 – 12.8
AS Rate (World)				134.2	0.0	64.0				12.5	0.0	5.5
Confidence Interval (95%)				128.9 – 139.5	0.0 – 0.0	61.5 – 66.6				11.2 – 13.7	0.0 – 0.0	4.9 – 6.1
Lifetime Risk				1 in 6	N/A	1 in 13				1 in 140	N/A	1 in 291
PYLL										425	0	425
% of all cancers				34.9	0.0	19.8				13.8	0.0	7.7
Trend 2017–2021 (per annum)				5.5%	0.0%	5.6%				-0.3%	0.0%	-0.2%

Table A2.39 – Cancer of the Testis

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	2	0	2	3.8	0.0	2.0	0	0	0	0.0	0.0	0.0
20–24	7	0	7	12.0	0.0	6.2	0	0	0	0.0	0.0	0.0
25–29	9	0	9	14.7	0.0	7.5	0	0	0	0.0	0.0	0.0
30–34	10	0	10	16.5	0.0	8.2	0	0	0	0.0	0.0	0.0
35–39	4	0	4	6.6	0.0	3.3	0	0	0	0.0	0.0	0.0
40–44	7	0	7	13.1	0.0	6.5	0	0	0	0.0	0.0	0.0
45–49	8	0	8	14.5	0.0	7.2	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	3	0	3	5.5	0.0	2.7	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.1	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	0	0	0	0.0	0.0	0.0
Total/Crude rate	52	0	52	5.8	0.0	2.9	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				6.2	0.0	3.1				0.0	0.0	0.0
Confidence Interval (95%)				4.5 – 7.9	0.0 – 0.0	2.3 – 4.0				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				6.3	0.0	3.2				0.0	0.0	0.0
Confidence Interval (95%)				4.7 – 7.9	0.0 – 0.0	2.3 – 4.0				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 221	N/A	1 in 441				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.8	0.0	0.4				0.0	0.0	0.0
Trend 2017–2021 (per annum)				-3.1%	0.0%	-3.1%				-16.1%	0.0%	-16.4%

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 A2.40 – Cancer of Other male genital organs

South Australia Year – 2021	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	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.1	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+	3	0	3	16.5	0.0	6.4	1	0	1	5.5	0.0	2.1
Total/Crude rate	6	0	6	0.7	0.0	0.3	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.6	0.0	0.3				0.1	0.0	0.0
Confidence Interval (95%)				0.1 – 1.1	0.0 – 0.0	0.1 – 0.5				0.0 – 0.3	0.0 – 0.0	0.0 – 0.1
AS Rate (World)				0.3	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.1 – 0.6	0.0 – 0.0	0.0 – 0.3				0.0 – 0.1	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 3539	N/A	1 in 7297				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 2017–2021 (per annum)				4.8%	0.0%	3.8%				undefined	0.0%	undefined

Table A2.41 – Cancer of the Kidney

South Australia Year – 2021	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	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	1	1	2	1.6	1.7	1.7	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	0.8
35–39	4	2	6	6.6	3.3	5.0	0	0	0	0.0	0.0	0.0
40–44	11	2	13	20.6	3.6	12.0	2	0	2	3.7	0.0	1.8
45–49	8	8	16	14.5	14.3	14.4	1	0	1	1.8	0.0	0.9
50–54	23	12	35	40.2	20.6	30.3	2	1	3	3.5	1.7	2.6
55–59	27	11	38	47.7	18.8	33.0	6	2	8	10.6	3.4	6.9
60–64	36	15	51	65.9	25.7	45.2	5	1	6	9.1	1.7	5.3
65–69	44	20	64	90.5	38.0	63.2	8	4	12	16.5	7.6	11.9
70–74	26	14	40	58.5	28.7	42.9	4	5	9	9.0	10.3	9.7
75–79	29	11	40	93.2	31.5	60.6	11	4	15	35.3	11.5	22.7
80–84	11	9	20	54.5	36.1	44.4	5	3	8	24.8	12.0	17.7
85+	10	8	18	55.1	27.8	38.3	9	6	15	49.6	20.8	32.0
Total/Crude rate	230	115	345	25.8	12.6	19.1	54	26	80	6.1	2.9	4.4
AS Rate (Aust)				22.4	10.4	16.1				5.1	2.0	3.4
Confidence Interval (95%)				19.5 – 25.3	8.4 – 12.3	14.4 – 17.9				3.8 – 6.5	1.2 – 2.7	2.7 – 4.2
AS Rate (World)				15.9	7.5	11.5				3.2	1.2	2.2
Confidence Interval (95%)				13.8 – 17.9	6.1 – 8.9	10.3 – 12.7				2.4 – 4.1	0.7 – 1.6	1.7 – 2.6
Lifetime Risk				1 in 58	1 in 126	1 in 81				1 in 358	1 in 810	1 in 501
PYLL										418	113	530
% of all cancers				3.5	2.3	3.0				2.6	1.6	2.1
Trend 2017–2021 (per annum)				-0.3%	4.8%	1.2%				1.8%	-6.0%	-0.8%

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

South Australia Year – 2021	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	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
55–59	2	0	2	3.5	0.0	1.7	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
65–69	6	4	10	12.3	7.6	9.9	1	0	1	2.1	0.0	1.0
70–74	5	2	7	11.2	4.1	7.5	5	2	7	11.2	4.1	7.5
75–79	7	3	10	22.5	8.6	15.2	0	1	1	0.0	2.9	1.5
80–84	7	2	9	34.7	8.0	20.0	4	2	6	19.8	8.0	13.3
85+	3	4	7	16.5	13.9	14.9	2	7	9	11.0	24.3	19.2
Total/Crude rate	31	16	47	3.5	1.8	2.6	12	12	24	1.3	1.3	1.3
AS Rate (Aust)				2.8	1.2	1.9				1.0	0.8	0.9
Confidence Interval (95%)				1.8 – 3.7	0.6 – 1.8	1.4 – 2.5				0.4 – 1.6	0.3 – 1.3	0.6 – 1.3
AS Rate (World)				1.6	0.7	1.1				0.6	0.4	0.5
Confidence Interval (95%)				1.1 – 2.1	0.4 – 1.0	0.8 – 1.4				0.3 – 0.8	0.2 – 0.5	0.3 – 0.6
Lifetime Risk				1 in 693	1 in 1491	1 in 959				1 in 1,504	1 in 4,877	1 in 2,354
PYLL										20	5	25
% of all cancers				0.5	0.3	0.4				0.6	0.7	0.6
Trend 2017–2021 (per annum)				3.9%	-5.8%	-0.5%				-4.6%	-12.7%	-8.1%

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

Table A2.43 – Cancer of the Bladder

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	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	2	3	5	3.6	5.4	4.5	0	0	0	0.0	0.0	0.0
50–54	2	1	3	3.5	1.7	2.6	2	0	2	3.5	0.0	1.7
55–59	10	3	13	17.7	5.1	11.3	1	1	2	1.8	1.7	1.7
60–64	16	4	20	29.3	6.9	17.7	3	1	4	5.5	1.7	3.5
65–69	38	5	43	78.2	9.5	42.5	7	1	8	14.4	1.9	7.9
70–74	36	8	44	81.0	16.4	47.2	8	4	12	18.0	8.2	12.9
75–79	50	17	67	160.7	48.8	101.5	16	9	25	51.4	25.8	37.9
80–84	41	14	55	203.1	56.2	122.0	17	4	21	84.2	16.1	46.6
85+	37	18	55	203.7	62.5	117.2	30	14	44	165.2	48.6	93.7
Total/Crude rate	233	73	306	26.1	8.0	17.0	84	34	118	9.4	3.7	6.5
AS Rate (Aust)				21.0	5.6	12.6				7.8	2.4	4.7
Confidence Interval (95%)				18.2 – 23.7	4.3 – 6.9	11.2 – 14.0				6.1 – 9.5	1.6 – 3.2	3.9 – 5.6
AS Rate (World)				12.0	3.2	7.3				3.8	1.2	2.4
Confidence Interval (95%)				10.6 – 13.4	2.5 – 3.9	6.5 – 8.0				3.1 – 4.5	0.8 – 1.6	2.0 – 2.8
Lifetime Risk				1 in 94	1 in 445	1 in 158				1 in 464	1 in 1,479	1 in 720
PYLL										173	48	220
% of all cancers				3.5	1.4	2.6				4.0	2.1	3.1
Trend 2017–2021 (per annum)				-1.2%	3.3%	-0.1%				-0.2%	1.4%	0.4%

Table A2.44 – Cancer of the Eye

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	1	1	0.0	1.9	0.9	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	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	2	2	0.0	3.3	1.6	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	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	1	1	2	1.8	1.8	1.8	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	5	1	6	8.8	1.7	5.2	0	0	0	0.0	0.0	0.0
60–64	3	1	4	5.5	1.7	3.5	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	1	0	1	2.1	0.0	1.0
70–74	5	2	7	11.2	4.1	7.5	0	0	0	0.0	0.0	0.0
75–79	1	0	1	3.2	0.0	1.5	0	0	0	0.0	0.0	0.0
80–84	2	1	3	9.9	4.0	6.7	0	1	1	0.0	4.0	2.2
85+	2	2	4	11.0	6.9	8.5	1	0	1	5.5	0.0	2.1
Total/Crude rate	19	13	32	2.1	1.4	1.8	2	1	3	0.2	0.1	0.2
AS Rate (Aust)				1.8	1.2	1.5				0.2	0.1	0.1
Confidence Interval (95%)				1.0 – 2.6	0.5 – 1.9	1.0 – 2.0				0.0 – 0.4	0.0 – 0.2	0.0 – 0.3
AS Rate (World)				1.2	1.0	1.1				0.1	0.0	0.1
Confidence Interval (95%)				0.7 – 1.7	0.4 – 1.6	0.7 – 1.5				0.0 – 0.2	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 731	1 in 1109	1 in 892				1 in 9,722	N/A	1 in 20,245
PYLL										8	0	8
% of all cancers				0.3	0.3	0.3				0.1	0.1	0.1
Trend 2017–2021 (per annum)				1.4%	4.1%	2.6%				15.9%	-11.5%	-2.9%

Table A2.45 – Cancer of the Brain

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	3	3	0.0	6.3	3.1	0	0	0	0.0	0.0	0.0
5–9	4	0	4	7.4	0.0	3.8	0	1	1	0.0	1.9	0.9
10–14	0	1	1	0.0	1.9	0.9	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	3	1	4	5.2	1.8	3.6	0	0	0	0.0	0.0	0.0
25–29	4	1	5	6.5	1.7	4.1	1	0	1	1.6	0.0	0.8
30–34	4	2	6	6.6	3.3	4.9	0	0	0	0.0	0.0	0.0
35–39	1	3	4	1.7	4.9	3.3	1	2	3	1.7	3.3	2.5
40–44	2	3	5	3.7	5.5	4.6	0	0	0	0.0	0.0	0.0
45–49	8	1	9	14.5	1.8	8.1	3	3	6	5.4	5.4	5.4
50–54	4	6	10	7.0	10.3	8.7	3	1	4	5.2	1.7	3.5
55–59	12	4	16	21.2	6.8	13.9	4	6	10	7.1	10.2	8.7
60–64	10	12	22	18.3	20.6	19.5	6	3	9	11.0	5.1	8.0
65–69	12	7	19	24.7	13.3	18.8	11	8	19	22.6	15.2	18.8
70–74	10	5	15	22.5	10.3	16.1	10	5	15	22.5	10.3	16.1
75–79	7	7	14	22.5	20.1	21.2	4	5	9	12.9	14.3	13.6
80–84	5	6	11	24.8	24.1	24.4	9	6	15	44.6	24.1	33.3
85+	3	6	9	16.5	20.8	19.2	5	3	8	27.5	10.4	17.0
Total/Crude rate	89	68	157	10.0	7.5	8.7	57	43	100	6.4	4.7	5.5
AS Rate (Aust)				9.0	6.4	7.7				5.4	3.7	4.5
Confidence Interval (95%)				7.1 – 10.9	4.8 – 7.9	6.5 – 8.9				4.0 – 6.8	2.6 – 4.9	3.6 – 5.4
AS Rate (World)				7.2	5.0	6.1				3.5	2.7	3.1
Confidence Interval (95%)				5.7 – 8.8	3.7 – 6.3	5.1 – 7.1				2.6 – 4.4	1.8 – 3.5	2.4 – 3.7
Lifetime Risk				1 in 144	1 in 227	1 in 177				1 in 260	1 in 377	1 in 310
PYLL										488	463	950
% of all cancers				1.4	1.3	1.4				2.7	2.6	2.7
Trend 2017–2021 (per annum)				-1.2%	1.1%	-0.1%				-2.9%	-2.0%	-2.6%

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

South Australia Year – 2021	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	1	1	0.0	1.9	0.9	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	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	0.8
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	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	3	0	3	5.2	0.0	2.6	1	0	1	1.7	0.0	0.9
55–59	1	1	2	1.8	1.7	1.7	1	0	1	1.8	0.0	0.9
60–64	0	1	1	0.0	1.7	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	0	0	0	0.0	0.0	0.0	0	1	1	0.0	2.1	1.1
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	1	0	1	5.0	0.0	2.2
85+	0	1	1	0.0	3.5	2.1	0	0	0	0.0	0.0	0.0
Total/Crude rate	5	6	11	0.6	0.7	0.6	3	2	5	0.3	0.2	0.3
AS Rate (Aust)				0.6	0.6	0.6				0.3	0.2	0.3
Confidence Interval (95%)				0.1 – 1.1	0.1 – 1.2	0.2 – 1.0				0.0 – 0.7	0.0 – 0.5	0.0 – 0.5
AS Rate (World)				0.5	0.6	0.6				0.2	0.2	0.2
Confidence Interval (95%)				0.1 – 0.9	0.1 – 1.2	0.2 – 0.9				0.0 – 0.4	0.0 – 0.5	0.0 – 0.4
Lifetime Risk				1 in 2308	1 in 2166	1 in 2242				1 in 5,694	1 in 5,351	1 in 5,500
PYLL										40	50	90
% of all cancers				0.1	0.1	0.1				0.1	0.1	0.1
Trend 2017–2021 (per annum)				-5.0%	24.5%	7.1%				4.4%	-15.8%	-7.0%

Table A2.47 – Cancer of the Thyroid gland

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
20–24	3	1	4	5.2	1.8	3.6	0	0	0	0.0	0.0	0.0
25–29	0	9	9	0.0	15.2	7.5	0	0	0	0.0	0.0	0.0
30–34	3	6	9	5.0	9.9	7.4	0	0	0	0.0	0.0	0.0
35–39	2	11	13	3.3	18.1	10.7	0	0	0	0.0	0.0	0.0
40–44	4	12	16	7.5	21.8	14.8	0	0	0	0.0	0.0	0.0
45–49	6	19	25	10.9	34.1	22.5	0	0	0	0.0	0.0	0.0
50–54	6	17	23	10.5	29.2	19.9	1	1	2	1.7	1.7	1.7
55–59	8	21	29	14.1	35.8	25.2	1	0	1	1.8	0.0	0.9
60–64	13	10	23	23.8	17.2	20.4	1	0	1	1.8	0.0	0.9
65–69	7	11	18	14.4	20.9	17.8	1	1	2	2.1	1.9	2.0
70–74	6	8	14	13.5	16.4	15.0	3	0	3	6.7	0.0	3.2
75–79	3	4	7	9.6	11.5	10.6	0	1	1	0.0	2.9	1.5
80–84	3	5	8	14.9	20.1	17.7	0	2	2	0.0	8.0	4.4
85+	0	7	7	0.0	24.3	14.9	0	5	5	0.0	17.4	10.7
Total/Crude rate	64	142	206	7.2	15.6	11.4	7	10	17	0.8	1.1	0.9
AS Rate (Aust)				6.7	14.9	10.9				0.6	0.7	0.7
Confidence Interval (95%)				5.0 – 8.3	12.4 – 17.3	9.3 – 12.4				0.2 – 1.1	0.3 – 1.2	0.4 – 1.1
AS Rate (World)				5.3	12.4	8.9				0.5	0.4	0.4
Confidence Interval (95%)				4.0 – 6.6	10.4 – 14.4	7.7 – 10.1				0.1 – 0.8	0.1 – 0.6	0.2 – 0.6
Lifetime Risk				1 in 186	1 in 90	1 in 121				1 in 1,414	1 in 5,524	1 in 2,304
PYLL										68	30	98
% of all cancers				1.0	2.8	1.8				0.3	0.6	0.5
Trend 2017–2021 (per annum)				1.9%	5.7%	4.5%				1.8%	-5.6%	-1.1%

Table A2.48 – Cancer of Other endocrine glands

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	2.0	0.0	1.0	0	0	0	0.0	0.0	0.0
5–9	0	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	1	1	0.0	1.9	0.9
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	2	2	0.0	3.3	1.6	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	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.7	0.9	0	1	1	0.0	1.7	0.9
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	2.2	0.0	1.1	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	1	2	5.0	4.0	4.4	1	0	1	5.0	0.0	2.2
85+	0	0	0	0.0	0.0	0.0	0	1	1	0.0	3.5	2.1
Total/Crude rate	4	7	11	0.4	0.8	0.6	1	3	4	0.1	0.3	0.2
AS Rate (Aust)				0.4	0.7	0.6				0.1	0.3	0.2
Confidence Interval (95%)				0.0 – 0.8	0.2 – 1.3	0.2 – 0.9				0.0 – 0.3	0.0 – 0.6	0.0 – 0.4
AS Rate (World)				0.4	0.7	0.5				0.0	0.2	0.1
Confidence Interval (95%)				0.0 – 0.8	0.2 – 1.3	0.2 – 0.9				0.0 – 0.1	0.0 – 0.6	0.0 – 0.3
Lifetime Risk				1 in 3333	1 in 1936	1 in 2458				N/A	1 in 5,535	1 in 11,035
PYLL										0	75	75
% of all cancers				0.1	0.1	0.1				0.0	0.2	0.1
Trend 2017–2021 (per annum)				6.4%	-4.2%	-0.1%				-3.1%	173.0%	14.3%

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 A2.49 – Cancer of Other and unspecified sites

South Australia Year – 2021	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	1	0	1	1.7	0.0	0.8	1	0	1	1.7	0.0	0.8
35–39	3	1	4	5.0	1.6	3.3	0	0	0	0.0	0.0	0.0
40–44	2	4	6	3.7	7.3	5.5	0	3	3	0.0	5.5	2.8
45–49	4	5	9	7.2	9.0	8.1	0	4	4	0.0	7.2	3.6
50–54	14	4	18	24.5	6.9	15.6	3	1	4	5.2	1.7	3.5
55–59	16	7	23	28.3	11.9	20.0	8	0	8	14.1	0.0	6.9
60–64	13	10	23	23.8	17.2	20.4	4	8	12	7.3	13.7	10.6
65–69	29	13	42	59.7	24.7	41.5	11	6	17	22.6	11.4	16.8
70–74	33	20	53	74.2	41.0	56.9	17	4	21	38.2	8.2	22.5
75–79	33	16	49	106.0	45.9	74.3	14	9	23	45.0	25.8	34.9
80–84	19	21	40	94.1	84.3	88.7	15	11	26	74.3	44.2	57.7
85+	40	62	102	220.3	215.4	217.3	41	49	90	225.8	170.3	191.7
Total/Crude rate	207	165	372	23.2	18.1	20.6	114	95	209	12.8	10.4	11.6
AS Rate (Aust)				19.3	12.7	15.9				10.6	7.1	8.7
Confidence Interval (95%)				16.7 – 22.0	10.7 – 14.7	14.2 – 17.5				8.6 – 12.6	5.6 – 8.6	7.5 – 9.9
AS Rate (World)				11.8	7.4	9.6				5.5	3.7	4.6
Confidence Interval (95%)				10.3 – 13.4	6.2 – 8.7	8.6 – 10.5				4.6 – 6.5	2.9 – 4.6	3.9 – 5.2
Lifetime Risk				1 in 88	1 in 162	1 in 115				1 in 225	1 in 420	1 in 297
PYLL										425	385	810
% of all cancers				3.1	3.3	3.2				5.4	5.8	5.6
Trend 2017–2021 (per annum)				4.6%	2.1%	3.6%				-1.3%	-4.1%	-2.9%

Table A2.50 – Non-Hodgkin lymphoma

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	1	1	0.0	1.9	0.9	0	0	0	0.0	0.0	0.0
15–19	2	0	2	3.8	0.0	2.0	0	0	0	0.0	0.0	0.0
20–24	1	2	3	1.7	3.7	2.7	0	0	0	0.0	0.0	0.0
25–29	1	3	4	1.6	5.1	3.3	0	0	0	0.0	0.0	0.0
30–34	3	1	4	5.0	1.6	3.3	0	0	0	0.0	0.0	0.0
35–39	5	2	7	8.3	3.3	5.8	0	0	0	0.0	0.0	0.0
40–44	6	4	10	11.2	7.3	9.2	0	0	0	0.0	0.0	0.0
45–49	6	9	15	10.9	16.1	13.5	0	0	0	0.0	0.0	0.0
50–54	11	10	21	19.2	17.2	18.2	2	1	3	3.5	1.7	2.6
55–59	25	16	41	44.1	27.3	35.6	3	0	3	5.3	0.0	2.6
60–64	29	24	53	53.1	41.2	46.9	5	0	5	9.1	0.0	4.4
65–69	36	31	67	74.1	58.9	66.2	4	2	6	8.2	3.8	5.9
70–74	45	32	77	101.2	65.6	82.6	5	8	13	11.2	16.4	13.9
75–79	48	37	85	154.2	106.1	128.8	8	9	17	25.7	25.8	25.8
80–84	27	14	41	133.7	56.2	90.9	19	15	34	94.1	60.2	75.4
85+	14	21	35	77.1	73.0	74.6	15	16	31	82.6	55.6	66.0
Total/Crude rate	259	207	466	29.1	22.7	25.8	61	51	112	6.8	5.6	6.2
AS Rate (Aust)				24.2	17.5	20.7				5.8	3.7	4.6
Confidence Interval (95%)				21.2 – 27.2	15.1 – 20.0	18.7 – 22.6				4.3 – 7.2	2.6 – 4.7	3.8 – 5.5
AS Rate (World)				16.4	12.1	14.2				3.0	1.8	2.4
Confidence Interval (95%)				14.5 – 18.4	10.4 – 13.8	12.9 – 15.5				2.3 – 3.7	1.4 – 2.2	2.0 – 2.8
Lifetime Risk				1 in 60	1 in 81	1 in 69				1 in 535	1 in 913	1 in 678
PYLL										203	58	260
% of all cancers				3.9	4.1	4.0				2.9	3.1	3.0
Trend 2017–2021 (per annum)				-4.5%	0.3%	-2.6%				-4.7%	-7.8%	-6.2%

Table A2.51 – Hodgkin lymphoma

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
10–14	1	2	3	1.8	3.8	2.8	0	0	0	0.0	0.0	0.0
15–19	1	2	3	1.9	4.1	3.0	0	0	0	0.0	0.0	0.0
20–24	2	3	5	3.4	5.5	4.4	0	0	0	0.0	0.0	0.0
25–29	2	2	4	3.3	3.4	3.3	1	0	1	1.6	0.0	0.8
30–34	3	3	6	5.0	4.9	4.9	0	0	0	0.0	0.0	0.0
35–39	4	1	5	6.6	1.6	4.1	0	0	0	0.0	0.0	0.0
40–44	0	2	2	0.0	3.6	1.8	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	1.7	1.7	1.7	0	1	1	0.0	1.7	0.9
55–59	2	1	3	3.5	1.7	2.6	0	0	0	0.0	0.0	0.0
60–64	1	2	3	1.8	3.4	2.7	0	0	0	0.0	0.0	0.0
65–69	1	1	2	2.1	1.9	2.0	0	0	0	0.0	0.0	0.0
70–74	1	3	4	2.2	6.2	4.3	2	0	2	4.5	0.0	2.1
75–79	5	4	9	16.1	11.5	13.6	0	1	1	0.0	2.9	1.5
80–84	2	2	4	9.9	8.0	8.9	0	1	1	0.0	4.0	2.2
85+	0	0	0	0.0	0.0	0.0	0	1	1	0.0	3.5	2.1
Total/Crude rate	28	29	57	3.1	3.2	3.2	3	4	7	0.3	0.4	0.4
AS Rate (Aust)				3.0	3.0	3.0				0.3	0.3	0.3
Confidence Interval (95%)				1.9 – 4.1	1.9 – 4.1	2.2 – 3.8				0.0 – 0.6	0.0 – 0.7	0.1 – 0.5
AS Rate (World)				2.7	2.9	2.8				0.2	0.2	0.2
Confidence Interval (95%)				1.7 – 3.8	1.7 – 4.0	2.0 – 3.6				0.0 – 0.5	0.0 – 0.4	0.0 – 0.4
Lifetime Risk				1 in 540	1 in 478	1 in 506				1 in 3,263	1 in 11,625	1 in 5,206
PYLL										53	23	75
% of all cancers				0.4	0.6	0.5				0.1	0.2	0.2
Trend 2017–2021 (per annum)				-1.0%	7.2%	2.4%				-16.6%	56.7%	-1.6%

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 – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	1	0	1	1.8	0.0	0.9	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	1	1	2	2.1	1.9	2.0	0	1	1	0.0	1.9	1.0
70–74	0	1	1	0.0	2.1	1.1	0	0	0	0.0	0.0	0.0
75–79	1	1	2	3.2	2.9	3.0	0	1	1	0.0	2.9	1.5
80–84	1	2	3	5.0	8.0	6.7	0	1	1	0.0	4.0	2.2
85+	2	0	2	11.0	0.0	4.3	3	0	3	16.5	0.0	6.4
Total/Crude rate	6	6	12	0.7	0.7	0.7	3	3	6	0.3	0.3	0.3
AS Rate (Aust)				0.6	0.5	0.5				0.3	0.2	0.2
Confidence Interval (95%)				0.1 – 1.1	0.1 – 0.9	0.2 – 0.8				0.0 – 0.6	0.0 – 0.5	0.0 – 0.4
AS Rate (World)				0.3	0.3	0.3				0.1	0.1	0.1
Confidence Interval (95%)				0.1 – 0.6	0.1 – 0.5	0.1 – 0.5				0.0 – 0.2	0.0 – 0.3	0.0 – 0.2
Lifetime Risk				1 in 5173	1 in 3536	1 in 4153				N/A	1 in 10,524	1 in 20,245
PYLL										0	8	8
% of all cancers				0.1	0.1	0.1				0.1	0.2	0.2
Trend 2017–2021 (per annum)				0.0%	-15.4%	-8.6%				-4.7%	-1.5%	-4.0%

Table A2.53 – Mast cell tumours

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	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	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	1	0	1	0.1	0.0	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.1	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.1	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				1 in 12041	N/A	1 in 24223				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 2017–2021 (per annum)				undefined	-17.5%	10.5%				-33.3%	0.0%	-33.3%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	2.0	0.0	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	1	0	1	1.8	0.0	0.9
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	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	1	1	0.0	3.5	2.1	0	0	0	0.0	0.0	0.0
Total/Crude rate	1	2	3	0.1	0.2	0.2	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.1	0.2	0.2				0.1	0.0	0.1
Confidence Interval (95%)				0.0 – 0.4	0.0 – 0.4	0.0 – 0.4				0.0 – 0.3	0.0 – 0.0	0.0 – 0.2
AS Rate (World)				0.2	0.1	0.1				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.3	0.0 – 0.3				0.0 – 0.2	0.0 – 0.0	0.0 – 0.1
Lifetime Risk				1 in 9977	1 in 11625	1 in 10571				1 in 11,327	N/A	1 in 23,056
PYLL										18	0	18
% of all cancers				0.0	0.0	0.0				0.0	0.0	0.0
Trend 2017–2021 (per annum)				-21.1%	-4.2%	-15.5%				undefined	0.0%	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 A2.55 – Multiple myeloma/Plasma cell tumours

South Australia Year – 2021	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	1.6	0.8	0	0	0	0.0	0.0	0.0
35–39	2	1	3	3.3	1.6	2.5	0	0	0	0.0	0.0	0.0
40–44	1	1	2	1.9	1.8	1.8	0	0	0	0.0	0.0	0.0
45–49	4	6	10	7.2	10.8	9.0	0	0	0	0.0	0.0	0.0
50–54	5	3	8	8.7	5.2	6.9	1	0	1	1.7	0.0	0.9
55–59	4	1	5	7.1	1.7	4.3	3	0	3	5.3	0.0	2.6
60–64	7	6	13	12.8	10.3	11.5	5	2	7	9.1	3.4	6.2
65–69	15	3	18	30.9	5.7	17.8	5	5	10	10.3	9.5	9.9
70–74	21	11	32	47.2	22.6	34.3	11	6	17	24.7	12.3	18.2
75–79	12	14	26	38.6	40.2	39.4	10	4	14	32.1	11.5	21.2
80–84	14	12	26	69.3	48.2	57.7	6	9	15	29.7	36.1	33.3
85+	13	14	27	71.6	48.6	57.5	12	10	22	66.1	34.7	46.9
Total/Crude rate	98	73	171	11.0	8.0	9.5	53	36	89	5.9	3.9	4.9
AS Rate (Aust)				9.1	5.9	7.4				4.8	2.6	3.6
Confidence Interval (95%)				7.2 – 10.9	4.5 – 7.3	6.3 – 8.5				3.5 – 6.1	1.8 – 3.5	2.9 – 4.4
AS Rate (World)				5.7	3.7	4.6				2.7	1.4	2.0
Confidence Interval (95%)				4.6 – 6.7	2.9 – 4.6	4.0 – 5.3				2.0 – 3.3	1.0 – 1.8	1.6 – 2.4
Lifetime Risk				1 in 168	1 in 327	1 in 225				1 in 391	1 in 793	1 in 530
PYLL										203	78	280
% of all cancers				1.5	1.4	1.5				2.5	2.2	2.4
Trend 2017–2021 (per annum)				-1.4%	-4.3%	-2.6%				-0.2%	-4.2%	-1.8%

Table A2.56 – Immunoproliferative neoplasms

South Australia Year – 2021	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	2	0	2	3.5	0.0	1.7	0	0	0	0.0	0.0	0.0
60–64	2	2	4	3.7	3.4	3.5	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	2	2	4	4.5	4.1	4.3	0	0	0	0.0	0.0	0.0
75–79	1	0	1	3.2	0.0	1.5	1	0	1	3.2	0.0	1.5
80–84	1	1	2	5.0	4.0	4.4	1	1	2	5.0	4.0	4.4
85+	1	0	1	5.5	0.0	2.1	4	0	4	22.0	0.0	8.5
Total/Crude rate	9	5	14	1.0	0.5	0.8	6	1	7	0.7	0.1	0.4
AS Rate (Aust)				0.8	0.4	0.6				0.6	0.1	0.3
Confidence Interval (95%)				0.3 – 1.4	0.0 – 0.8	0.3 – 0.9				0.1 – 1.0	0.0 – 0.2	0.1 – 0.5
AS Rate (World)				0.5	0.3	0.4				0.2	0.0	0.1
Confidence Interval (95%)				0.2 – 0.8	0.0 – 0.5	0.2 – 0.6				0.1 – 0.4	0.0 – 0.1	0.1 – 0.2
Lifetime Risk				1 in 1711	1 in 2655	1 in 2091				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.1	0.1	0.1				0.3	0.1	0.2
Trend 2017–2021 (per annum)				-0.1%	26.1%	5.9%				256.9%	undefined	580.3%

Table A2.57 – All leukaemias

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	7	2	9	14.0	4.2	9.2	1	0	1	2.0	0.0	1.0
5–9	4	4	8	7.4	7.7	7.5	0	0	0	0.0	0.0	0.0
10–14	3	1	4	5.4	1.9	3.7	0	0	0	0.0	0.0	0.0
15–19	2	0	2	3.8	0.0	2.0	1	0	1	1.9	0.0	1.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	2	0	2	3.3	0.0	1.7	1	1	2	1.6	1.7	1.7
30–34	3	1	4	5.0	1.6	3.3	0	0	0	0.0	0.0	0.0
35–39	2	2	4	3.3	3.3	3.3	0	0	0	0.0	0.0	0.0
40–44	2	3	5	3.7	5.5	4.6	1	0	1	1.9	0.0	0.9
45–49	0	4	4	0.0	7.2	3.6	0	1	1	0.0	1.8	0.9
50–54	7	5	12	12.2	8.6	10.4	1	1	2	1.7	1.7	1.7
55–59	9	3	12	15.9	5.1	10.4	1	1	2	1.8	1.7	1.7
60–64	8	4	12	14.6	6.9	10.6	6	0	6	11.0	0.0	5.3
65–69	18	7	25	37.0	13.3	24.7	5	5	10	10.3	9.5	9.9
70–74	21	8	29	47.2	16.4	31.1	17	4	21	38.2	8.2	22.5
75–79	15	10	25	48.2	28.7	37.9	10	9	19	32.1	25.8	28.8
80–84	23	9	32	113.9	36.1	71.0	9	6	15	44.6	24.1	33.3
85+	17	16	33	93.6	55.6	70.3	20	21	41	110.1	73.0	87.3
Total/Crude rate	143	79	222	16.0	8.7	12.3	73	49	122	8.2	5.4	6.8
AS Rate (Aust)				13.9	6.9	10.2				6.7	3.6	5.0
Confidence Interval (95%)				11.6 – 16.2	5.3 – 8.5	8.8 – 11.5				5.1 – 8.2	2.6 – 4.6	4.1 – 5.9
AS Rate (World)				10.2	5.2	7.6				3.9	1.9	2.8
Confidence Interval (95%)				8.3 – 12.0	3.8 – 6.5	6.4 – 8.7				2.9 – 4.8	1.4 – 2.5	2.3 – 3.4
Lifetime Risk				1 in 116	1 in 245	1 in 159				1 in 284	1 in 813	1 in 429
PYLL										405	163	568
% of all cancers				2.2	1.6	1.9				3.5	3.0	3.3
Trend 2017–2021 (per annum)				-6.5%	-5.8%	-6.3%				-7.2%	-3.9%	-5.8%

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

Table A2.58 – Polycythaemia vera

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	1	2	1.7	1.6	1.7	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	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	5.2	1.7	3.5	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	2	0	2	3.7	0.0	1.8	0	0	0	0.0	0.0	0.0
65–69	2	2	4	4.1	3.8	4.0	0	0	0	0.0	0.0	0.0
70–74	2	1	3	4.5	2.1	3.2	0	1	1	0.0	2.1	1.1
75–79	3	2	5	9.6	5.7	7.6	0	0	0	0.0	0.0	0.0
80–84	0	1	1	0.0	4.0	2.2	2	0	2	9.9	0.0	4.4
85+	1	2	3	5.5	6.9	6.4	0	1	1	0.0	3.5	2.1
Total/Crude rate	16	14	30	1.8	1.5	1.7	2	2	4	0.2	0.2	0.2
AS Rate (Aust)				1.6	1.2	1.4				0.2	0.1	0.2
Confidence Interval (95%)				0.8 – 2.4	0.6 – 1.9	0.9 – 1.9				0.0 – 0.5	0.0 – 0.3	0.0 – 0.3
AS Rate (World)				1.2	0.9	1.0				0.1	0.1	0.1
Confidence Interval (95%)				0.6 – 1.8	0.4 – 1.3	0.7 – 1.4				0.0 – 0.2	0.0 – 0.2	0.0 – 0.1
Lifetime Risk				1 in 881	1 in 1239	1 in 1033				N/A	1 in 9,754	1 in 18,644
PYLL										0	3	3
% of all cancers				0.2	0.3	0.3				0.1	0.1	0.1
Trend 2017–2021 (per annum)				5.2%	-4.8%	0.7%				-2.3%	8.6%	2.7%

Table A2.59 – Myelodysplastic syndromes

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	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	1	3	3.5	1.7	2.6	0	0	0	0.0	0.0	0.0
55–59	0	2	2	0.0	3.4	1.7	1	0	1	1.8	0.0	0.9
60–64	3	2	5	5.5	3.4	4.4	1	0	1	1.8	0.0	0.9
65–69	3	4	7	6.2	7.6	6.9	2	1	3	4.1	1.9	3.0
70–74	7	1	8	15.7	2.1	8.6	1	1	2	2.2	2.1	2.1
75–79	12	9	21	38.6	25.8	31.8	1	4	5	3.2	11.5	7.6
80–84	10	5	15	49.5	20.1	33.3	10	3	13	49.5	12.0	28.8
85+	14	9	23	77.1	31.3	49.0	12	11	23	66.1	38.2	49.0
Total/Crude rate	51	34	85	5.7	3.7	4.7	28	20	48	3.1	2.2	2.7
AS Rate (Aust)				4.7	2.6	3.5				2.7	1.4	1.9
Confidence Interval (95%)				3.4 – 5.9	1.7 – 3.5	2.7 – 4.3				1.7 – 3.7	0.8 – 2.0	1.4 – 2.5
AS Rate (World)				2.4	1.6	1.9				1.2	0.6	0.9
Confidence Interval (95%)				1.8 – 3.0	1.0 – 2.1	1.5 – 2.3				0.8 – 1.6	0.4 – 0.8	0.7 – 1.1
Lifetime Risk				1 in 648	1 in 997	1 in 796				1 in 2,009	1 in 5,062	1 in 2,915
PYLL										48	10	58
% of all cancers				0.8	0.7	0.7				1.3	1.2	1.3
Trend 2017–2021 (per annum)				-5.8%	-4.3%	-5.3%				-5.4%	-8.1%	-6.3%

Table A2.60 – Other chronic myeloproliferative and haematological disorders

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	2.0	0.0	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	1	2	1.7	1.6	1.7	0	0	0	0.0	0.0	0.0
40–44	2	1	3	3.7	1.8	2.8	0	0	0	0.0	0.0	0.0
45–49	0	2	2	0.0	3.6	1.8	0	0	0	0.0	0.0	0.0
50–54	3	0	3	5.2	0.0	2.6	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	3	3	6	5.5	5.1	5.3	1	0	1	1.8	0.0	0.9
65–69	3	0	3	6.2	0.0	3.0	0	0	0	0.0	0.0	0.0
70–74	3	1	4	6.7	2.1	4.3	0	0	0	0.0	0.0	0.0
75–79	2	3	5	6.4	8.6	7.6	2	0	2	6.4	0.0	3.0
80–84	3	2	5	14.9	8.0	11.1	2	1	3	9.9	4.0	6.7
85+	5	4	9	27.5	13.9	19.2	2	2	4	11.0	6.9	8.5
Total/Crude rate	27	20	47	3.0	2.2	2.6	7	3	10	0.8	0.3	0.6
AS Rate (Aust)				2.7	1.8	2.2				0.7	0.2	0.4
Confidence Interval (95%)				1.7 – 3.7	1.0 – 2.6	1.6 – 2.9				0.2 – 1.1	0.0 – 0.4	0.2 – 0.7
AS Rate (World)				1.8	1.3	1.5				0.3	0.1	0.2
Confidence Interval (95%)				1.1 – 2.6	0.7 – 1.9	1.1 – 2.0				0.1 – 0.5	0.0 – 0.1	0.1 – 0.3
Lifetime Risk				1 in 610	1 in 1034	1 in 774				1 in 10,932	N/A	1 in 22,585
PYLL										13	0	13
% of all cancers				0.4	0.4	0.4				0.3	0.2	0.3
Trend 2017–2021 (per annum)				-4.1%	-6.9%	-5.3%				-2.7%	-12.1%	-7.1%

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 A2.61 – All cancers

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	15	10	25	30.1	21.0	25.6	1	0	1	2.0	0.0	1.0
5–9	10	8	18	18.4	15.5	17.0	0	1	1	0.0	1.9	0.9
10–14	9	10	19	16.3	19.0	17.6	0	1	1	0.0	1.9	0.9
15–19	8	13	21	15.4	26.6	20.8	2	2	4	3.8	4.1	4.0
20–24	25	17	42	42.9	31.4	37.4	1	0	1	1.7	0.0	0.9
25–29	30	47	77	48.9	79.3	63.9	5	2	7	8.2	3.4	5.8
30–34	44	60	104	72.7	98.7	85.7	4	7	11	6.6	11.5	9.1
35–39	67	109	176	111.3	179.0	145.3	9	11	20	14.9	18.1	16.5
40–44	81	157	238	151.7	285.7	219.6	13	17	30	24.3	30.9	27.7
45–49	159	276	435	287.7	494.8	391.7	16	35	51	29.0	62.7	45.9
50–54	292	349	641	510.1	600.5	555.6	61	52	113	106.6	89.5	98.0
55–59	537	447	984	948.2	762.2	853.6	102	74	176	180.1	126.2	152.7
60–64	801	609	1,410	1,465.5	1,045.2	1,248.6	165	120	285	301.9	205.9	252.4
65–69	1,107	637	1,744	2,277.5	1,210.7	1,722.9	231	162	393	475.2	307.9	388.3
70–74	1,213	690	1,903	2,729.0	1,414.9	2,041.5	303	189	492	681.7	387.6	527.8
75–79	946	544	1,490	3,039.6	1,560.2	2,257.9	329	253	582	1,057.1	725.6	882.0
80–84	659	451	1,110	3,263.7	1,811.3	2,461.7	337	257	594	1,669.0	1,032.2	1,317.3
85+	583	605	1,188	3,210.4	2,102.2	2,530.9	521	469	990	2,868.9	1,629.6	2,109.1
Total/Crude rate	6,586	5,039	11,625	738.9	552.6	644.7	2,100	1,652	3,752	235.6	181.2	208.1
AS Rate (Aust)				611.5	441.4	519.4				194.7	128.0	157.5
Confidence Interval (95%)				596.6 – 626.5	428.9 – 453.9	509.8 – 529.0				186.3 – 203.1	21.7 – 134.4	52.4 – 162.6
AS Rate (World)				403.1	310.8	353.4				108.8	74.9	90.2
Confidence Interval (95%)				393.5 – 412.7	301.8 – 319.7	346.9 – 359.9				104.4 – 113.1	71.2 – 78.6	87.4 – 93.1
Lifetime Risk				1 in 3	1 in 4	1 in 3				1 in 11	1 in 16	1 in 14
PYLL										9,558	8,218	17,775
% of all cancers				100.0	100.0	100.0				100.0	100.0	100.0
Trend 2017–2021 (per annum)				0.2%	-1.0%	-0.3%				-1.8%	-2.4%	-2.0%

Table A2.62 – Mesothelioma

South Australia Year – 2021	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	1.6	0.8	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	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	2	0	2	3.5	0.0	1.7
60–64	2	0	2	3.7	0.0	1.8	2	0	2	3.7	0.0	1.8
65–69	5	1	6	10.3	1.9	5.9	1	1	2	2.1	1.9	2.0
70–74	6	3	9	13.5	6.2	9.7	9	4	13	20.2	8.2	13.9
75–79	6	0	6	19.3	0.0	9.1	12	2	14	38.6	5.7	21.2
80–84	12	2	14	59.4	8.0	31.0	13	6	19	64.4	24.1	42.1
85+	12	3	15	66.1	10.4	32.0	5	3	8	27.5	10.4	17.0
Total/Crude rate	43	10	53	4.8	1.1	2.9	44	16	60	4.9	1.8	3.3
AS Rate (Aust)				3.9	0.7	2.1				3.9	1.2	2.4
Confidence Interval (95%)				2.8 – 5.1	0.3 – 1.2	1.6 – 2.7				2.7 – 5.1	0.6 – 1.7	1.8 – 3.0
AS Rate (World)				2.0	0.4	1.1				2.1	0.6	1.3
Confidence Interval (95%)				1.5 – 2.5	0.2 – 0.7	0.9 – 1.4				1.6 – 2.6	0.4 – 0.8	1.0 – 1.6
Lifetime Risk				1 in 729	1 in 2064	1 in 1101				1 in 679	1 in 1,980	1 in 1,030
PYLL										90	18	108
% of all cancers				0.7	0.2	0.5				2.1	1.0	1.6
Trend 2017–2021 (per annum)				-6.5%	-8.4%	-7.1%				-5.3%	2.4%	-3.3%

Table A2.63 – Kaposi sarcoma

South Australia Year – 2021	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	2	0	2	6.4	0.0	3.0	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	5.5	0.0	2.1	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 – 0.2				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 – 0.2	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 2017–2021 (per annum)				-1.0%	-18.6%	-7.5%				-25.0%	0.0%	-16.6%

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 A2.64 – Acute lymphocytic leukaemia

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	3	1	4	6.0	2.1	4.1	0	0	0	0.0	0.0	0.0
5–9	2	2	4	3.7	3.9	3.8	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	0	1	1.9	0.0	1.0	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	1	0	1	1.6	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	2	0	2	3.3	0.0	1.6	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	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.1	0.0	1.0	0	0	0	0.0	0.0	0.0
70–74	0	0	0	0.0	0.0	0.0	1	0	1	2.2	0.0	1.1
75–79	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
Total/Crude rate	10	6	16	1.1	0.7	0.9	2	0	2	0.2	0.0	0.1
AS Rate (Aust)				1.2	0.7	1.0				0.2	0.0	0.1
Confidence Interval (95%)				0.4 – 1.9	0.1 – 1.3	0.5 – 1.4				0.0 – 0.5	0.0 – 0.0	0.0 – 0.2
AS Rate (World)				1.5	0.8	1.1				0.2	0.0	0.1
Confidence Interval (95%)				0.5 – 2.4	0.1 – 1.5	0.5 – 1.7				0.0 – 0.6	0.0 – 0.0	0.0 – 0.3
Lifetime Risk				1 in 1075	1 in 1784	1 in 1335				1 in 4,792	N/A	1 in 9,692
PYLL										60	0	60
% of all cancers				0.2	0.1	0.1				0.1	0.0	0.1
Trend 2017–2021 (per annum)				-1.2%	-8.9%	-5.0%				-1.8%	-13.6%	-8.5%

Table A2.65 – Chronic lymphocytic leukaemia

South Australia Year – 2021	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	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
55–59	4	1	5	7.1	1.7	4.3	0	0	0	0.0	0.0	0.0
60–64	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
65–69	6	1	7	12.3	1.9	6.9	0	1	1	0.0	1.9	1.0
70–74	4	5	9	9.0	10.3	9.7	2	0	2	4.5	0.0	2.1
75–79	3	3	6	9.6	8.6	9.1	0	2	2	0.0	5.7	3.0
80–84	11	5	16	54.5	20.1	35.5	3	1	4	14.9	4.0	8.9
85+	4	1	5	22.0	3.5	10.7	9	8	17	49.6	27.8	36.2
Total/Crude rate	33	17	50	3.7	1.9	2.8	14	12	26	1.6	1.3	1.4
AS Rate (Aust)				3.1	1.3	2.1				1.3	0.8	1.0
Confidence Interval (95%)				2.0 – 4.1	0.7 – 1.9	1.5 – 2.7				0.6 – 2.0	0.3 – 1.3	0.6 – 1.4
AS Rate (World)				1.8	0.8	1.2				0.5	0.3	0.4
Confidence Interval (95%)				1.2 – 2.3	0.4 – 1.1	0.9 – 1.5				0.3 – 0.8	0.2 – 0.5	0.3 – 0.6
Lifetime Risk				1 in 664	1 in 1285	1 in 883				1 in 4,445	1 in 10,524	1 in 6,383
PYLL										5	8	13
% of all cancers				0.5	0.3	0.4				0.7	0.7	0.7
Trend 2017–2021 (per annum)				-17.1%	-18.2%	-17.8%				-10.2%	-12.0%	-11.3%

Table A2.66 – Other and unspecified lymphoid leukaemia

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	3	1	4	6.0	2.1	4.1	0	0	0	0.0	0.0	0.0
5–9	2	2	4	3.7	3.9	3.8	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	0	1	1.9	0.0	1.0	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	1	0	1	1.6	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	2	0	2	3.3	0.0	1.6	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	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	0	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	1	2	3	2.1	3.8	3.0	0	0	0	0.0	0.0	0.0
70–74	2	0	2	4.5	0.0	2.1	2	0	2	4.5	0.0	2.1
75–79	1	0	1	3.2	0.0	1.5	1	0	1	3.2	0.0	1.5
80–84	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
85+	2	1	3	11.0	3.5	6.4	0	1	1	0.0	3.5	2.1
Total/Crude rate	15	9	24	1.7	1.0	1.3	4	1	5	0.4	0.1	0.3
AS Rate (Aust)				1.6	0.9	1.3				0.4	0.1	0.2
Confidence Interval (95%)				0.8 – 2.4	0.3 – 1.6	0.7 – 1.8				0.0 – 0.7	0.0 – 0.2	0.0 – 0.4
AS Rate (World)				1.7	0.9	1.3				0.3	0.0	0.2
Confidence Interval (95%)				0.7 – 2.6	0.2 – 1.7	0.7 – 1.9				0.0 – 0.7	0.0 – 0.1	0.0 – 0.4
Lifetime Risk				1 in 866	1 in 1332	1 in 1047				1 in 3,114	N/A	1 in 6,377
PYLL										63	0	63
% of all cancers				0.2	0.2	0.2				0.2	0.1	0.1
Trend 2017–2021 (per annum)				-2.4%	-9.2%	-5.8%				2.8%	-17.5%	-9.9%

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 A2.67 – Acute myeloid leukaemia

South Australia Year – 2021	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	1	0	1	2.0	0.0	1.0
5–9	1	1	2	1.8	1.9	1.9	0	0	0	0.0	0.0	0.0
10–14	1	1	2	1.8	1.9	1.9	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	1	1	2	1.6	1.7	1.7
30–34	1	1	2	1.7	1.6	1.6	0	0	0	0.0	0.0	0.0
35–39	1	1	2	1.7	1.6	1.7	0	0	0	0.0	0.0	0.0
40–44	2	0	2	3.7	0.0	1.8	1	0	1	1.9	0.0	0.9
45–49	0	3	3	0.0	5.4	2.7	0	1	1	0.0	1.8	0.9
50–54	3	3	6	5.2	5.2	5.2	0	1	1	0.0	1.7	0.9
55–59	2	1	3	3.5	1.7	2.6	0	1	1	0.0	1.7	0.9
60–64	7	2	9	12.8	3.4	8.0	6	0	6	11.0	0.0	5.3
65–69	7	1	8	14.4	1.9	7.9	4	3	7	8.2	5.7	6.9
70–74	7	1	8	15.7	2.1	8.6	13	3	16	29.2	6.2	17.2
75–79	7	4	11	22.5	11.5	16.7	7	6	13	22.5	17.2	19.7
80–84	7	3	10	34.7	12.0	22.2	3	5	8	14.9	20.1	17.7
85+	5	9	14	27.5	31.3	29.8	7	8	15	38.5	27.8	32.0
Total/Crude rate	51	31	82	5.7	3.4	4.5	43	29	72	4.8	3.2	4.0
AS Rate (Aust)				4.9	2.7	3.7				3.8	2.2	3.0
Confidence Interval (95%)				3.5 – 6.2	1.7 – 3.7	2.9 – 4.6				2.7 – 5.0	1.4 – 3.1	2.3 – 3.7
AS Rate (World)				3.3	2.0	2.6				2.4	1.3	1.9
Confidence Interval (95%)				2.4 – 4.3	1.1 – 2.8	2.0 – 3.2				1.7 – 3.2	0.8 – 1.8	1.4 – 2.3
Lifetime Risk				1 in 321	1 in 748	1 in 457				1 in 371	1 in 1,067	1 in 562
PYLL										290	145	435
% of all cancers				0.8	0.6	0.7				2.0	1.8	1.9
Trend 2017–2021 (per annum)				-0.7%	2.3%	0.7%				-7.5%	1.0%	-4.1%

Table A2.68 – Chronic myeloid leukaemia

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	1	0	1	1.9	0.0	1.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.6	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
50–54	3	1	4	5.2	1.7	3.5	1	0	1	1.7	0.0	0.9
55–59	0	0	0	0.0	0.0	0.0	1	0	1	1.8	0.0	0.9
60–64	1	1	2	1.8	1.7	1.8	0	0	0	0.0	0.0	0.0
65–69	3	2	5	6.2	3.8	4.9	0	0	0	0.0	0.0	0.0
70–74	2	1	3	4.5	2.1	3.2	0	0	0	0.0	0.0	0.0
75–79	1	2	3	3.2	5.7	4.5	0	0	0	0.0	0.0	0.0
80–84	1	0	1	5.0	0.0	2.2	0	0	0	0.0	0.0	0.0
85+	2	2	4	11.0	6.9	8.5	1	1	2	5.5	3.5	4.3
Total/Crude rate	16	11	27	1.8	1.2	1.5	3	1	4	0.3	0.1	0.2
AS Rate (Aust)				1.6	1.0	1.3				0.3	0.1	0.2
Confidence Interval (95%)				0.8 – 2.4	0.4 – 1.5	0.8 – 1.8				0.0 – 0.7	0.0 – 0.2	0.0 – 0.4
AS Rate (World)				1.2	0.7	0.9				0.2	0.0	0.1
Confidence Interval (95%)				0.6 – 1.8	0.3 – 1.1	0.6 – 1.3				0.0 – 0.4	0.0 – 0.1	0.0 – 0.2
Lifetime Risk				1 in 872	1 in 1551	1 in 1120				1 in 5,694	N/A	1 in 11,533
PYLL										40	0	40
% of all cancers				0.2	0.2	0.2				0.1	0.1	0.1
Trend 2017–2021 (per annum)				2.0%	-0.2%	1.4%				15.1%	40.0%	22.3%

Table A2.69 – Other and unspecified myeloid leukaemia

South Australia Year – 2021	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	1	0	1	5.0	0.0	2.2	0	0	0	0.0	0.0	0.0
85+	1	0	1	5.5	0.0	2.1	1	0	1	5.5	0.0	2.1
Total/Crude rate	2	0	2	0.2	0.0	0.1	1	0	1	0.1	0.0	0.1
AS Rate (Aust)				0.2	0.0	0.1				0.1	0.0	0.0
Confidence Interval (95%)				0.0 – 0.5	0.0 – 0.0	0.0 – 0.2				0.0 – 0.3	0.0 – 0.0	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 – 0.1	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 2017–2021 (per annum)				31.6%	-17.0%	11.0%				-2.2%	-33.3%	-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 A2.70 – Other specified leukaemias

South Australia Year – 2021	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	1.8	0.9	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	3	0	3	5.3	0.0	2.6	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	1.9	1.0	0	1	1	0.0	1.9	1.0
70–74	6	1	7	13.5	2.1	7.5	0	0	0	0.0	0.0	0.0
75–79	3	1	4	9.6	2.9	6.1	2	1	3	6.4	2.9	4.5
80–84	3	1	4	14.9	4.0	8.9	3	0	3	14.9	0.0	6.7
85+	2	2	4	11.0	6.9	8.5	1	2	3	5.5	6.9	6.4
Total/Crude rate	17	7	24	1.9	0.8	1.3	6	4	10	0.7	0.4	0.6
AS Rate (Aust)				1.5	0.6	1.0				0.6	0.3	0.4
Confidence Interval (95%)				0.8 – 2.2	0.1 – 1.0	0.6 – 1.4				0.1 – 1.0	0.0 – 0.6	0.2 – 0.7
AS Rate (World)				0.9	0.3	0.6				0.3	0.1	0.2
Confidence Interval (95%)				0.5 – 1.2	0.1 – 0.6	0.4 – 0.8				0.1 – 0.4	0.0 – 0.3	0.1 – 0.3
Lifetime Risk				1 in 1065	1 in 3466	1 in 1664				N/A	1 in 10,524	1 in 20,245
PYLL										0	8	8
% of all cancers				0.3	0.1	0.2				0.3	0.2	0.3
Trend 2017–2021 (per annum)				-1.9%	13.3%	2.0%				-10.3%	38.5%	-0.4%

Table A2.71 – Leukaemias NOS

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	1	0	1	2.0	0.0	1.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
40–44	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
45–49	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
50–54	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	1	0	1	2.1	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+	1	1	2	5.5	3.5	4.3	1	1	2	5.5	3.5	4.3
Total/Crude rate	3	1	4	0.3	0.1	0.2	1	1	2	0.1	0.1	0.1
AS Rate (Aust)				0.3	0.1	0.2				0.1	0.1	0.1
Confidence Interval (95%)				0.0 – 0.7	0.0 – 0.2	0.0 – 0.4				0.0 – 0.3	0.0 – 0.2	0.0 – 0.2
AS Rate (World)				0.3	0.0	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.6	0.0 – 0.1	0.0 – 0.3				0.0 – 0.1	0.0 – 0.1	0.0 – 0.1
Lifetime Risk				1 in 4924	N/A	1 in 9935				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.0	0.0				0.0	0.1	0.1
Trend 2017–2021 (per annum)				-11.1%	-6.7%	-10.4%				-20.8%	-15.4%	-19.1%

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	2	1	3	3.7	1.8	2.8	0	0	0	0.0	0.0	0.0
45–49	6	1	7	10.9	1.8	6.3	0	0	0	0.0	0.0	0.0
50–54	4	2	6	7.0	3.4	5.2	0	0	0	0.0	0.0	0.0
55–59	8	5	13	14.1	8.5	11.3	0	0	0	0.0	0.0	0.0
60–64	5	6	11	9.1	10.3	9.7	0	0	0	0.0	0.0	0.0
65–69	5	8	13	10.3	15.2	12.8	0	0	0	0.0	0.0	0.0
70–74	10	4	14	22.5	8.2	15.0	2	0	2	4.5	0.0	2.1
75–79	5	7	12	16.1	20.1	18.2	1	0	1	3.2	0.0	1.5
80–84	7	1	8	34.7	4.0	17.7	0	0	0	0.0	0.0	0.0
85+	5	6	11	27.5	20.8	23.4	0	1	1	0.0	3.5	2.1
Total/Crude rate	58	41	99	6.5	4.5	5.5	3	1	4	0.3	0.1	0.2
AS Rate (Aust)				5.7	3.4	4.5				0.2	0.1	0.1
Confidence Interval (95%)				4.2 – 7.2	2.4 – 4.5	3.6 – 5.4				0.0 – 0.5	0.0 – 0.2	0.0 – 0.3
AS Rate (World)				3.9	2.3	3.1				0.1	0.0	0.1
Confidence Interval (95%)				2.9 – 4.9	1.6 – 3.0	2.5 – 3.7				0.0 – 0.3	0.0 – 0.1	0.0 – 0.2
Lifetime Risk				1 in 253	1 in 406	1 in 313				1 in 4,445	N/A	1 in 9,322
PYLL										5	0	5
% of all cancers				0.9	0.8	0.9				0.1	0.1	0.1
Trend 2017–2021 (per annum)				-8.0%	5.5%	-4.9%				14.5%	-20.9%	-6.7%

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 A2.73 – Melanoma of lip

South Australia Year – 2021	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	1	1	0.0	3.5	2.1	0	0	0	0.0	0.0	0.0
Total/Crude rate	0	1	1	0.0	0.1	0.1	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.0	0.1	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.2	0.0 – 0.1				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.0	0.0	0.0				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.1	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 2017–2021 (per annum)				-14.0%	undefined	3.5%				0.0%	0.0%	0.0%

Table A2.74 – Melanoma of eyelid, including canthus

South Australia Year – 2021	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	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
60–64	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
65–69	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
70–74	0	1	1	0.0	2.1	1.1	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	4.0	2.2	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	0	3	3	0.0	0.3	0.2	0	0	0	0.0	0.0	0.0
AS Rate (Aust)				0.0	0.3	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.6	0.0 – 0.3				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
AS Rate (World)				0.0	0.2	0.1				0.0	0.0	0.0
Confidence Interval (95%)				0.0 – 0.0	0.0 – 0.4	0.0 – 0.2				0.0 – 0.0	0.0 – 0.0	0.0 – 0.0
Lifetime Risk				N/A	1 in 5304	1 in 10312				N/A	N/A	N/A
PYLL										0	0	0
% of all cancers				0.0	0.1	0.0				0.0	0.0	0.0
Trend 2017–2021 (per annum)				-11.6%	14.9%	0.1%				0.0%	-33.3%	-33.3%

Table A2.75 – Melanoma of ear

South Australia Year – 2021	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	3.3	1.7	0	0	0	0.0	0.0	0.0
40–44	2	0	2	3.7	0.0	1.8	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	1	1	0.0	1.7	0.9	0	0	0	0.0	0.0	0.0
55–59	1	0	1	1.8	0.0	0.9	0	1	1	0.0	1.7	0.9
60–64	2	0	2	3.7	0.0	1.8	0	0	0	0.0	0.0	0.0
65–69	2	1	3	4.1	1.9	3.0	1	0	1	2.1	0.0	1.0
70–74	7	0	7	15.7	0.0	7.5	0	0	0	0.0	0.0	0.0
75–79	3	0	3	9.6	0.0	4.5	0	0	0	0.0	0.0	0.0
80–84	4	2	6	19.8	8.0	13.3	0	0	0	0.0	0.0	0.0
85+	4	2	6	22.0	6.9	12.8	1	0	1	5.5	0.0	2.1
Total/Crude rate	26	8	34	2.9	0.9	1.9	2	1	3	0.2	0.1	0.2
AS Rate (Aust)				2.4	0.7	1.5				0.2	0.1	0.1
Confidence Interval (95%)				1.5 – 3.4	0.2 – 1.2	1.0 – 2.0				0.0 – 0.4	0.0 – 0.3	0.0 – 0.3
AS Rate (World)				1.5	0.5	1.0				0.1	0.1	0.1
Confidence Interval (95%)				0.9 – 2.1	0.2 – 0.8	0.6 – 1.3				0.0 – 0.2	0.0 – 0.2	0.0 – 0.2
Lifetime Risk				1 in 649	1 in 2897	1 in 1089				1 in 9,722	1 in 11,730	1 in 10,780
PYLL										8	18	25
% of all cancers				0.4	0.2	0.3				0.1	0.1	0.1
Trend 2017–2021 (per annum)				11.1%	15.6%	11.9%				-5.1%	-6.6%	-7.5%

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

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
25–29	0	1	1	0.0	1.7	0.8	0	0	0	0.0	0.0	0.0
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
35–39	1	0	1	1.7	0.0	0.8	0	0	0	0.0	0.0	0.0
40–44	1	0	1	1.9	0.0	0.9	0	0	0	0.0	0.0	0.0
45–49	0	2	2	0.0	3.6	1.8	0	0	0	0.0	0.0	0.0
50–54	1	2	3	1.7	3.4	2.6	0	0	0	0.0	0.0	0.0
55–59	5	1	6	8.8	1.7	5.2	0	0	0	0.0	0.0	0.0
60–64	5	1	6	9.1	1.7	5.3	0	0	0	0.0	0.0	0.0
65–69	9	6	15	18.5	11.4	14.8	0	0	0	0.0	0.0	0.0
70–74	17	1	18	38.2	2.1	19.3	1	0	1	2.2	0.0	1.1
75–79	5	2	7	16.1	5.7	10.6	0	0	0	0.0	0.0	0.0
80–84	6	3	9	29.7	12.0	20.0	1	1	2	5.0	4.0	4.4
85+	2	18	20	11.0	62.5	42.6	4	2	6	22.0	6.9	12.8
Total/Crude rate	52	37	89	5.8	4.1	4.9	6	3	9	0.7	0.3	0.5
AS Rate (Aust)				4.6	2.9	3.8				0.6	0.2	0.4
Confidence Interval (95%)				3.3 – 5.9	1.9 – 3.8	3.0 – 4.6				0.1 – 1.0	0.0 – 0.4	0.1 – 0.6
AS Rate (World)				3.1	1.6	2.3				0.2	0.1	0.1
Confidence Interval (95%)				2.3 – 3.8	1.0 – 2.2	1.8 – 2.8				0.1 – 0.4	0.0 – 0.1	0.1 – 0.2
Lifetime Risk				1 in 250	1 in 782	1 in 388				1 in 8,890	N/A	1 in 18,644
PYLL										3	0	3
% of all cancers				0.8	0.7	0.8				0.3	0.2	0.2
Trend 2017–2021 (per annum)				-3.1%	-4.1%	-2.9%				2.9%	47.7%	8.8%

Table A2.77 – Melanoma of scalp and neck

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	1	0	1	1.6	0.0	0.8	0	0	0	0.0	0.0	0.0
30–34	1	1	2	1.7	1.6	1.6	0	0	0	0.0	0.0	0.0
35–39	1	1	2	1.7	1.6	1.7	0	0	0	0.0	0.0	0.0
40–44	0	2	2	0.0	3.6	1.8	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	0	3	5.2	0.0	2.6	0	0	0	0.0	0.0	0.0
55–59	3	2	5	5.3	3.4	4.3	0	0	0	0.0	0.0	0.0
60–64	1	1	2	1.8	1.7	1.8	0	0	0	0.0	0.0	0.0
65–69	7	3	10	14.4	5.7	9.9	0	0	0	0.0	0.0	0.0
70–74	7	3	10	15.7	6.2	10.7	3	0	3	6.7	0.0	3.2
75–79	4	1	5	12.9	2.9	7.6	4	0	4	12.9	0.0	6.1
80–84	10	3	13	49.5	12.0	28.8	3	1	4	14.9	4.0	8.9
85+	12	5	17	66.1	17.4	36.2	2	0	2	11.0	0.0	4.3
Total/Crude rate	52	22	74	5.8	2.4	4.1	12	1	13	1.3	0.1	0.7
AS Rate (Aust)				5.0	1.9	3.3				1.0	0.1	0.5
Confidence Interval (95%)				3.6 – 6.4	1.1 – 2.7	2.5 – 4.0				0.4 – 1.6	0.0 – 0.2	0.2 – 0.8
AS Rate (World)				3.0	1.3	2.1				0.5	0.0	0.3
Confidence Interval (95%)				2.2 – 3.8	0.7 – 1.8	1.6 – 2.6				0.3 – 0.8	0.0 – 0.1	0.2 – 0.4
Lifetime Risk				1 in 393	1 in 837	1 in 540				1 in 2,964	N/A	1 in 6,215
PYLL										8	0	8
% of all cancers				0.8	0.4	0.6				0.6	0.1	0.3
Trend 2017–2021 (per annum)				1.0%	10.4%	3.2%				5.4%	-2.1%	3.9%

Table A2.78 – Melanoma of trunk

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	1	1	0.0	2.0	1.0	0	0	0	0.0	0.0	0.0
20–24	1	0	1	1.7	0.0	0.9	0	0	0	0.0	0.0	0.0
25–29	0	3	3	0.0	5.1	2.5	0	0	0	0.0	0.0	0.0
30–34	3	0	3	5.0	0.0	2.5	0	0	0	0.0	0.0	0.0
35–39	3	2	5	5.0	3.3	4.1	2	0	2	3.3	0.0	1.7
40–44	9	6	15	16.9	10.9	13.8	0	0	0	0.0	0.0	0.0
45–49	3	6	9	5.4	10.8	8.1	0	0	0	0.0	0.0	0.0
50–54	4	8	12	7.0	13.8	10.4	0	0	0	0.0	0.0	0.0
55–59	17	6	23	30.0	10.2	20.0	0	1	1	0.0	1.7	0.9
60–64	27	16	43	49.4	27.5	38.1	0	0	0	0.0	0.0	0.0
65–69	34	16	50	70.0	30.4	49.4	1	0	1	2.1	0.0	1.0
70–74	26	7	33	58.5	14.4	35.4	3	1	4	6.7	2.1	4.3
75–79	15	11	26	48.2	31.5	39.4	0	0	0	0.0	0.0	0.0
80–84	15	2	17	74.3	8.0	37.7	1	1	2	5.0	4.0	4.4
85+	11	3	14	60.6	10.4	29.8	1	1	2	5.5	3.5	4.3
Total/Crude rate	168	87	255	18.8	9.5	14.1	8	4	12	0.9	0.4	0.7
AS Rate (Aust)				16.0	8.2	11.8				0.7	0.3	0.5
Confidence Interval (95%)				13.6 – 18.5	6.4 – 10.0	10.4 – 13.3				0.2 – 1.3	0.0 – 0.6	0.2 – 0.8
AS Rate (World)				11.0	6.2	8.5				0.5	0.2	0.3
Confidence Interval (95%)				9.4 – 12.7	4.9 – 7.6	7.4 – 9.6				0.2 – 0.9	0.0 – 0.3	0.2 – 0.5
Lifetime Risk				1 in 81	1 in 156	1 in 108				1 in 1,649	1 in 5,326	1 in 2,565
PYLL										90	20	110
% of all cancers				2.6	1.7	2.2				0.4	0.2	0.3
Trend 2017–2021 (per annum)				0.3%	4.3%	1.3%				-7.5%	53.9%	-2.9%

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

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

South Australia Year – 2021	Incidence						Mortality					
	New cases			Rates			Deaths			Rates		
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
20–24	0	1	1	0.0	1.8	0.9	0	0	0	0.0	0.0	0.0
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0
30–34	2	1	3	3.3	1.6	2.5	0	0	0	0.0	0.0	0.0
35–39	2	4	6	3.3	6.6	5.0	0	0	0	0.0	0.0	0.0
40–44	2	5	7	3.7	9.1	6.5	0	0	0	0.0	0.0	0.0
45–49	2	11	13	3.6	19.7	11.7	0	0	0	0.0	0.0	0.0
50–54	4	6	10	7.0	10.3	8.7	0	0	0	0.0	0.0	0.0
55–59	7	9	16	12.4	15.3	13.9	0	0	0	0.0	0.0	0.0
60–64	13	14	27	23.9	24.0	23.9	0	0	0	0.0	0.0	0.0
65–69	10	11	21	20.6	20.9	20.7	0	1	1	0.0	1.9	1.0
70–74	15	20	35	33.7	41.0	37.5	0	0	0	0.0	0.0	0.0
75–79	13	12	25	41.8	34.4	37.9	2	0	2	6.4	0.0	3.0
80–84	13	8	21	64.4	32.1	46.6	1	0	1	5.0	0.0	2.2
85+	9	11	20	49.6	38.2	42.6	2	3	5	11.0	10.4	10.7
Total/Crude rate	92	113	205	10.3	12.4	11.4	5	4	9	0.6	0.4	0.5
AS Rate (Aust)				8.7	10.1	9.3				0.5	0.3	0.4
Confidence Interval (95%)				6.9 – 10.5	8.2 – 12.0	8.0 – 10.6				0.1 – 0.9	0.0 – 0.5	0.1 – 0.6
AS Rate (World)				5.6	7.2	6.4				0.2	0.1	0.2
Confidence Interval (95%)				4.5 – 6.8	5.9 – 8.6	5.5 – 7.3				0.1 – 0.3	0.0 – 0.2	0.1 – 0.2
Lifetime Risk				1 in 180	1 in 133	1 in 153				N/A	1 in 10,524	1 in 20,245
PYLL										0	8	8
% of all cancers				1.4	2.2	1.8				0.2	0.2	0.2
Trend 2017–2021 (per annum)				-4.5%	2.8%	-1.1%				-1.7%	30.4%	6.5%

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

South Australia Year – 2021	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	1	2	3	1.6	3.4	2.5	0	0	0	0.0	0.0	0.0
30–34	0	2	2	0.0	3.3	1.6	0	0	0	0.0	0.0	0.0
35–39	1	2	3	1.7	3.3	2.5	0	0	0	0.0	0.0	0.0
40–44	0	4	4	0.0	7.3	3.7	0	0	0	0.0	0.0	0.0
45–49	5	10	15	9.0	17.9	13.5	0	0	0	0.0	0.0	0.0
50–54	8	8	16	14.0	13.8	13.9	0	0	0	0.0	0.0	0.0
55–59	7	15	22	12.4	25.6	19.1	0	0	0	0.0	0.0	0.0
60–64	9	6	15	16.5	10.3	13.3	0	0	0	0.0	0.0	0.0
65–69	10	10	20	20.6	19.0	19.8	0	1	1	0.0	1.9	1.0
70–74	10	6	16	22.5	12.3	17.2	0	0	0	0.0	0.0	0.0
75–79	7	16	23	22.5	45.9	34.9	0	1	1	0.0	2.9	1.5
80–84	1	6	7	5.0	24.1	15.5	0	2	2	0.0	8.0	4.4
85+	5	9	14	27.5	31.3	29.8	0	5	5	0.0	17.4	10.7
Total/Crude rate	64	97	161	7.2	10.6	8.9	0	9	9	0.0	1.0	0.5
AS Rate (Aust)				6.2	9.0	7.7				0.0	0.6	0.4
Confidence Interval (95%)				4.7 – 7.8	7.2 – 10.9	6.5 – 8.9				0.0 – 0.0	0.2 – 1.0	0.1 – 0.6
AS Rate (World)				4.4	6.7	5.6				0.0	0.3	0.2
Confidence Interval (95%)				3.3 – 5.5	5.3 – 8.1	4.7 – 6.4				0.0 – 0.0	0.1 – 0.4	0.1 – 0.2
Lifetime Risk				1 in 204	1 in 170	1 in 186				N/A	1 in 10,524	1 in 20,245
PYLL										0	8	8
% of all cancers				1.0	1.9	1.4				0.0	0.5	0.2
Trend 2017–2021 (per annum)				5.0%	2.1%	3.3%				-19.8%	10.7%	-5.2%

Table A2.81 – Melanoma of other site

South Australia Year – 2021	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 2017–2021 (per annum)				-16.1%	0.0%	-17.6%				0.0%	0.0%	0.0%

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

Table A2.82 – Melanoma, site unspecified

South Australia Year – 2021	Incidence									Mortality					
	New cases			Rates			Deaths			Rates					
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons			
0–4	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0			
5–9	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0			
10–14	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0			
15–19	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0			
20–24	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0			
25–29	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0			
30–34	0	0	0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0			
35–39	1	0	1	1.7	0.0	0.8	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	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	2	0	2	4.1	0.0	2.0	0	0	0	0.0	0.0	0.0			
70–74	1	0	1	2.2	0.0	1.1	0	0	0	0.0	0.0	0.0			
75–79	2	0	2	6.4	0.0	3.0	0	0	0	0.0	0.0	0.0			
80–84	1	1	2	5.0	4.0	4.4	1	1	2	5.0	4.0	4.4			
85+	0	1	1	0.0	3.5	2.1	0	2	2	0.0	6.9	4.3			
Total/Crude rate	7	2	9	0.8	0.2	0.5	1	3	4	0.1	0.3	0.2			
AS Rate (Aust)				0.6	0.1	0.4				0.1	0.2	0.2			
Confidence Interval (95%)				0.2 – 1.1	0.0 – 0.3	0.1 – 0.6				0.0 – 0.3	0.0 – 0.4	0.0 – 0.3			
AS Rate (World)				0.4	0.1	0.2				0.0	0.1	0.1			
Confidence Interval (95%)				0.1 – 0.7	0.0 – 0.1	0.1 – 0.4				0.0 – 0.1	0.0 – 0.1	0.0 – 0.1			
Lifetime Risk				1 in 2493	N/A	1 in 5163				N/A	N/A	N/A			
PYLL										0	0	0			
% of all cancers				0.1	0.0	0.1				0.0	0.2	0.1			
Trend 2017–2021 (per annum)				39.8%	-18.1%	2.4%				-25.0%	undefined	-1.9%			

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)

Appendix 3 – Quality Measures

Table A3.1 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 – cancers, 2021

MALES							
ICD-O-3	Site	Inc	Mort	M/I%	HV%	MV%	DCO%
C00	Lip	48	2	4	94	96	0.0
C01 C02	Tongue	65	22	34	97	97	0.0
C09 C10	Oropharynx	66	16	24	98	98	0.0
C16	Stomach	159	88	55	97	97	0.0
C18-C20	Colon and rectum	1173	408	35	93	93	1.5
C22	Liver and intrahepatic bile ducts	192	137	71	45	47	1.5
C23 C24	Gallbladder and bile ducts	103	78	76	72	78	1.3
C25	Pancreas	348	286	82	78	84	1.7
C33 C34	Trachea, bronchus and lung	981	710	72	78	86	1.4
C38	Heart, mediastinum and pleura	52	56	108	87	94	0.0
C44._ + M872-879	Melanoma of skin	831	59	7	99	100	0.0
C50	Female breast	1482	213	14	99	99	2.3
C51	Vulva	31	8	26	100	100	0.0
C53	Cervix uteri	70	19	27	99	99	0.0
C54 C55	Body of the uterus	241	43	18	99	99	2.3
C56.9	Ovary	92	67	73	83	90	0.0
C61.9	Prostate	2300	290	13	98	98	0.3
C62	Testis	52	0	0	100	100	0.0
C64	Kidney	345	80	23	92	92	7.5
C67	Bladder	306	118	39	92	93	2.5
C71	Brain	157	100	64	85	85	1.0
C73	Thyroid gland	206	17	8	96	98	0.0
C26 C39 C42 C76 C77 C80	Other and unspecified primary	372	209	56	65	74	6.7
M9591 9597 967-972 9735 9737 9738	Non-Hodgkin lymphoma	466	112	24	98	99	0.9
M965-966	Hodgkin lymphoma	57	7	12	100	100	0.0
M9731-9734	Multiple myeloma/Plasma cell tumours	171	89	52	92	92	3.4
M980-994	All leukaemias	222	122	55	82	89	0.0
M998 999	Myelodysplastic syndromes	85	48	56	79	92	0.0
All cancers		11625	3752	32	91	93	1.6

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 32% 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 1.2% and for females was 2.1%.

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 both males and females was 93%.

Histologic Verification (HV%)

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

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

For more information

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