

AUSTRALIA, South Australia (1992-2012)

	Number of cases							Percentage				Incidence rates per million person-years								MV % 0-19	DCO % 0-19	
	Age group							0-14		0-19		Age-specific					Cumulative					
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14	ASR	0-19			0-14
I LEUKAEMIA	16	153	79	63	60	311	371	35.1	100.0	26.7	100.0	40.7	96.2	38.6	29.9	27.9	54.1	48.2	768	908	98.7	0.0
a. Lymphoid	8	140	68	45	30	261	291	29.4	83.9	21.0	78.4	20.4	88.0	33.2	21.4	14.0	45.8	38.6	646	716	98.3	0.0
b. Acute myeloid	5	9	6	14	20	34	54	3.8	10.9	3.9	14.6	12.7	5.7	2.9	6.7	9.3	5.6	6.4	83	130	100.0	0.0
c. CMD	1	1	4	3	9	9	18	1.0	2.9	1.3	4.9	2.5	0.6	2.0	1.4	4.2	1.4	2.1	22	43	100.0	0.0
d. MDS & other	1	2	1	0	1	4	5	0.5	1.3	0.4	1.3	2.5	1.3	0.5	-	0.5	0.7	0.7	10	12	100.0	0.0
e. Unspecified	1	1	0	1	0	3	3	0.3	1.0	0.2	0.8	2.5	0.6	-	0.5	-	0.5	0.4	7	7	100.0	0.0
II LYMPHOMA & RELATED	0	16	35	55	124	106	230	12.0	100.0	16.6	100.0	-	10.1	17.1	26.1	57.7	16.2	25.6	256	545	99.6	0.0
a. Hodgkin	0	2	7	31	78	40	118	4.5	37.7	8.5	51.3	-	1.3	3.4	14.7	36.3	5.8	12.6	96	277	100.0	0.0
b. Non-Hodgkin except BL	0	9	23	15	44	47	91	5.3	44.3	6.6	39.6	-	5.7	11.2	7.1	20.5	7.4	10.4	114	217	100.0	0.0
c. Burkitt (BL)	0	5	5	8	2	18	20	2.0	17.0	1.4	8.7	-	3.1	2.4	3.8	0.9	2.9	2.4	44	48	95.0	0.0
d. Lymphoreticular	0	0	0	1	0	1	1	0.1	0.9	0.1	0.4	-	-	-	0.5	-	0.1	0.1	2	2	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS	10	40	62	40	38	152	190	17.1	100.0	13.7	100.0	25.4	25.1	30.3	19.0	17.7	25.0	23.4	372	461	87.9	0.0
a. Ependymoma	3	6	3	3	2	15	17	1.7	9.9	1.2	8.9	7.6	3.8	1.5	1.4	0.9	2.6	2.3	37	42	94.1	0.0
b. Astrocytoma	2	15	32	20	25	69	94	7.8	45.4	6.8	49.5	5.1	9.4	15.6	9.5	11.6	11.1	11.2	168	227	93.6	0.0
c. CNS embryonal	5	15	20	8	5	48	53	5.4	31.6	3.8	27.9	12.7	9.4	9.8	3.8	2.3	8.2	6.8	118	130	98.1	0.0
d. Other gliomas	0	4	6	7	5	17	22	1.9	11.2	1.6	11.6	-	2.5	2.9	3.3	2.3	2.7	2.6	41	53	40.9	0.0
e. Other specified	0	0	0	1	1	1	2	0.1	0.7	0.1	1.1	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0
f. Unspecified CNS	0	0	1	1	0	2	2	0.2	1.3	0.1	1.1	-	-	0.5	0.5	-	0.3	0.2	5	5	0.0	0.0
IV NEUROBLASTOMA	22	25	8	3	2	58	60	6.5	100.0	4.3	100.0	56.0	15.7	3.9	1.4	0.9	10.8	8.6	145	150	93.3	0.0
a. (Ganglio)neuroblastoma	22	25	8	0	1	55	56	6.2	94.8	4.0	93.3	56.0	15.7	3.9	-	0.5	10.4	8.2	138	140	92.9	0.0
b. Peripheral nervous	0	0	0	3	1	3	4	0.3	5.2	0.3	6.7	-	-	-	1.4	0.5	0.4	0.4	7	9	100.0	0.0
V RETINOBLASTOMA	10	14	0	0	0	24	24	2.7	100.0	1.7	100.0	25.4	8.8	-	-	-	4.7	3.6	60	60	87.5	0.0
VI RENAL TUMOURS	10	27	13	4	4	54	58	6.1	100.0	4.2	100.0	25.4	17.0	6.3	1.9	1.9	9.8	8.0	134	144	98.3	0.0
a. Nephroblastoma	10	27	12	3	1	52	53	5.9	96.3	3.8	91.4	25.4	17.0	5.9	1.4	0.5	9.5	7.5	130	132	98.1	0.0
b. Renal carcinoma	0	0	1	1	3	2	5	0.2	3.7	0.4	8.6	-	-	0.5	0.5	1.4	0.3	0.5	5	12	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	4	4	4	2	1	14	15	1.6	100.0	1.1	100.0	10.2	2.5	2.0	1.0	0.5	2.5	2.0	35	37	93.3	0.0
a. Hepatoblastoma	4	4	4	1	0	13	13	1.5	92.9	0.9	86.7	10.2	2.5	2.0	0.5	-	2.3	1.8	32	32	92.3	0.0
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.1	7.1	0.1	13.3	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	7	8	25	31	40	71	4.5	100.0	5.1	100.0	-	4.4	3.9	11.9	14.4	6.1	8.0	97	169	100.0	0.0
a. Osteosarcoma	0	1	2	16	17	19	36	2.1	47.5	2.6	50.7	-	0.6	1.0	7.6	7.9	2.7	3.9	45	85	100.0	0.0
b. Chondrosarcoma	0	0	0	1	1	1	2	0.1	2.5	0.1	2.8	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0
c. Ewing & related	0	5	5	5	10	15	25	1.7	37.5	1.8	35.2	-	3.1	2.4	2.4	4.7	2.5	2.9	37	60	100.0	0.0
d. Other specified	0	1	1	3	3	5	8	0.6	12.5	0.6	11.3	-	0.6	0.5	1.4	1.4	0.8	0.9	12	19	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	12	14	18	18	31	62	93	7.0	100.0	6.7	100.0	30.5	8.8	8.8	8.6	14.4	10.4	11.3	152	224	100.0	0.0
a. Rhabdomyosarcoma	6	11	12	5	6	34	40	3.8	54.8	2.9	43.0	15.3	6.9	5.9	2.4	2.8	5.9	5.2	84	98	100.0	0.0
b. Fibrosarcoma	2	2	1	1	2	6	8	0.7	9.7	0.6	8.6	5.1	1.3	0.5	0.5	0.9	1.1	1.0	15	20	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	1	3	11	22	18	40	2.0	29.0	2.9	43.0	7.6	0.6	1.5	5.2	10.2	2.8	4.5	44	95	100.0	0.0
e. Unspecified	1	0	2	1	1	4	5	0.5	6.5	0.4	5.4	2.5	-	1.0	0.5	0.5	0.6	0.6	10	12	100.0	0.0
X GERM CELL TUMOURS	3	8	5	17	39	33	72	3.7	100.0	5.2	100.0	7.6	5.0	2.4	8.1	18.1	5.3	8.2	80	171	98.6	0.0
a. CNS germ cell	0	0	2	8	3	10	13	1.1	30.3	0.9	18.1	-	-	1.0	3.8	1.4	1.4	1.4	24	31	92.3	0.0
b. Other extragonadal	1	3	0	5	2	4	6	0.5	12.1	0.4	8.3	2.5	1.9	-	-	0.9	0.8	0.8	10	15	100.0	0.0
c. Gonadal germ cell	2	5	3	7	34	17	51	1.9	51.5	3.7	70.8	5.1	3.1	1.5	3.3	15.8	2.8	5.7	42	121	100.0	0.0
d. Gonadal carcinoma	0	0	0	2	0	2	2	0.2	6.1	0.1	2.8	-	-	-	1.0	-	0.3	0.2	5	5	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	2	2	27	170	31	201	3.5	100.0	14.5	100.0	-	1.3	1.0	12.8	79.1	4.4	21.2	74	470	99.5	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.1	3.2	0.1	0.5	-	0.6	-	-	-	0.2	0.2	3	3	100.0	0.0
b. Thyroid	0	1	0	7	32	8	40	0.9	25.8	2.9	19.9	-	0.6	-	3.3	14.9	1.2	4.2	19	94	100.0	0.0
c. Nasopharyngeal	0	0	0	1	1	1	2	0.1	3.2	0.1	1.0	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0
d. Melanoma	0	0	2	10	104	12	116	1.4	38.7	8.4	57.7	-	-	1.0	4.8	48.4	1.7	12.2	29	271	99.1	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	0	9	33	9	42	1.0	29.0	3.0	20.9	-	-	-	4.3	15.4	1.2	4.4	21	98	100.0	0.0
XII OTHER & UNSPECIFIED	0	2	0	0	1	2	3	0.2	100.0	0.2	100.0	-	1.3	-	-	0.5	0.4	0.4	5	7	100.0	0.0
a. Other specified	0	2	0	0	1	2	3	0.2	100.0	0.2	100.0	-	1.3	-	-	0.5	0.4	0.4	5	7	100.0	0.0
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	87	312	234	254	501	887	1388	100.0	100.0	100.0	100.0	221.4	196.1	114.2	120.7	233.1	149.8	168.5	2180	3346	97.1	0.0

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	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million					0-14	0-19	Number of cases in age groups					ASR per million				
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0			1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	9	77	41	35	39	162	201	54.8	50.4	1.1	1.2	7	76	38	28	21	149	170	53.4	45.9		
a. Lymphoid	2	72	37	24	22	135	157	46.0	40.2	1.1	1.2	6	68	31	21	8	126	134	45.5	37.0		
b. Acute myeloid	4	2	2	7	11	15	26	4.8	6.0	0.8	0.9	1	7	4	7	9	19	28	6.5	6.9		
c. CMD	1	1	1	3	5	6	11	1.9	2.5	2.0	1.6	0	0	3	0	4	3	7	1.0	1.6		
d. MDS & other	1	2	1	0	1	4	5	1.5	1.3	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	1	0	0	1	0	2	2	0.7	0.5	2.0	2.0	0	1	0	0	0	1	1	0.4	0.3		
II LYMPHOMA & RELATED	0	13	22	28	71	63	134	19.3	29.4	1.5	1.4	0	3	13	27	53	43	96	13.0	21.5		
a. Hodgkin	0	2	5	13	40	20	60	5.8	12.7	1.0	1.0	0	0	2	18	38	20	58	5.7	12.6		
b. Non-Hodgkin except BL	0	7	12	8	29	27	56	8.5	12.5	1.4	1.6	0	2	11	7	15	20	35	6.3	8.1		
c. Burkitt (BL)	0	4	5	6	2	15	17	4.7	4.0	5.0	5.7	0	1	0	2	0	3	3	1.0	0.7		
d. Lymphoreticular	0	0	0	1	0	1	1	0.3	0.2	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS	5	14	30	24	21	73	94	22.9	22.1	0.9	1.0	5	26	32	16	17	79	96	27.3	24.8		
a. Ependymoma	1	3	1	1	2	6	8	2.1	2.0	0.7	0.9	2	3	2	2	0	9	9	3.2	2.5		
b. Astrocytoma	2	1	16	10	13	29	42	8.8	9.4	0.7	0.8	0	14	16	10	12	40	52	13.6	13.1		
c. CNS embryonal	2	8	11	6	2	27	29	8.8	7.2	1.3	1.2	3	7	9	2	3	21	24	7.5	6.4		
d. Other gliomas	0	2	2	5	3	9	12	2.7	2.7	1.1	1.2	0	2	4	2	2	8	10	2.7	2.5		
e. Other specified	0	0	0	1	1	1	2	0.3	0.4	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	0	0	0	1	0	1	1	0.3	0.2	1.0	1.0	0	0	1	0	0	1	1	0.3	0.3		
IV NEUROBLASTOMA	15	14	1	2	2	32	34	11.9	9.6	1.2	1.3	7	11	7	1	0	26	26	9.7	7.5		
a. (Ganglio)neuroblastoma	15	14	1	0	1	30	31	11.4	9.0	1.2	1.2	7	11	7	0	0	25	25	9.5	7.3		
b. Peripheral nervous	0	0	0	2	1	2	3	0.5	0.6	2.0	3.0	0	0	0	1	0	1	1	0.3	0.2		
V RETINOBLASTOMA	5	10	0	0	0	15	15	5.7	4.4	1.7	1.7	5	4	0	0	0	9	9	3.6	2.8		
VI RENAL TUMOURS	7	14	5	2	2	28	30	10.1	8.2	1.1	1.1	3	13	8	2	2	26	28	9.5	7.8		
a. Nephroblastoma	7	14	5	2	0	28	28	10.1	7.8	1.2	1.1	3	13	7	1	1	24	25	8.9	7.1		
b. Renal carcinoma	0	0	0	0	2	0	2	-	0.4	0.0	0.7	0	0	1	1	1	2	3	0.6	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	3	2	1	1	7	8	2.4	2.1	1.0	1.1	3	1	2	1	0	7	7	2.5	2.0		
a. Hepatoblastoma	1	3	2	1	0	7	7	2.4	1.9	1.2	1.2	3	1	2	0	0	6	6	2.2	1.7		
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.2	0.0	1.0	0	0	0	1	0	1	1	0.3	0.2		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	3	4	12	21	19	40	5.6	8.6	0.9	1.3	0	4	4	13	10	21	31	6.6	7.2		
a. Osteosarcoma	0	1	1	6	12	8	20	2.3	4.2	0.7	1.3	0	0	1	10	5	11	16	3.2	3.5		
b. Chondrosarcoma	0	0	0	1	0	1	1	0.3	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2		
c. Ewing & related	0	2	2	3	7	7	14	2.2	3.1	0.9	1.3	0	3	3	2	3	8	11	2.7	2.8		
d. Other specified	0	0	1	2	2	3	5	0.8	1.1	1.5	1.7	0	1	0	1	1	2	3	0.7	0.7		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	9	8	10	9	16	36	52	12.0	12.6	1.4	1.3	3	6	8	9	15	26	41	8.7	10.0		
a. Rhabdomyosarcoma	5	6	7	2	5	20	25	6.9	6.4	1.4	1.7	1	5	5	3	1	14	15	4.9	4.0		
b. Fibrosarcoma	1	1	1	1	0	4	4	1.3	1.0	2.0	1.0	1	1	0	0	2	2	4	0.8	1.0		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	2	1	1	6	10	10	20	3.1	4.4	1.3	1.0	1	0	2	5	12	8	20	2.5	4.5		
e. Unspecified	1	0	1	0	1	2	3	0.7	0.7	1.0	1.5	0	0	1	1	0	2	2	0.6	0.5		
X GERM CELL TUMOURS	2	4	1	7	32	14	46	4.5	10.0	0.7	1.8	1	4	4	10	7	19	26	6.1	6.2		
a. CNS germ cell	0	0	1	5	3	6	9	1.7	1.9	1.5	2.3	0	0	1	3	0	4	4	1.2	0.9		
b. Other extragonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	1	3	0	0	2	4	6	1.6	1.7		
c. Gonadal germ cell	2	4	0	2	29	8	37	2.8	8.1	0.9	2.6	0	1	3	5	5	9	14	2.8	3.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	0	2	2	0.6	0.4		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	2	1	9	79	12	91	3.5	18.8	0.6	0.8	0	0	1	18	91	19	110	5.4	23.7		
a. Adrenocortical	0	1	0	0	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	1	0	3	6	4	10	1.2	2.1	1.0	0.3	0	0	0	4	26	4	30	1.1	6.5		
c. Nasopharyngeal	0	0	0	1	1	1	2	0.3	0.4	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	1	3	54	4	58	1.1	11.9	0.5	1.0	0	0	1	7	50	8	58	2.3	12.5		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	2	18	2	20	0.5	4.1	0.3	0.9	0	0	0	7	15	7	22	2.0	4.8		
XII OTHER & UNSPECIFIED	0	2	0	0	1	2	3	0.8	0.8	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	2	0	0	1	2	3	0.8	0.8	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	53	164	117	129	285	463	748	153.4	177.1	1.1	1.2	34	148	117	125	216	424	640	145.9	159.4		

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	Age group	Males	Females
Person-years	0	201 141	191 862
	1-4	814 192	776 696
	5-9	1 049 595	999 132
	10-14	1 078 119	1 025 601
	15-19	1 101 479	1 048 157
Total	0-14	3 143 047	2 993 291
	0-19	4 244 526	4 041 448
Average annual population	0-14	149 669	142 538
	0-19	202 120	192 450

Please consult the quality indicators for this registry