

AUSTRALIA, Western Australia (1992-2014)

	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	0-19
I LEUKAEMIA	32	208	126	97	102	463	565	28.5	100.0	22.6	100.0	51.5	82.6	39.6	30.0	31.1	51.0	46.6	730	885	99.8	0.2	
a. Lymphoid	12	173	108	64	48	357	405	22.0	77.1	16.2	71.7	19.3	68.7	33.9	19.8	14.6	39.5	33.9	563	636	100.0	0.0	
b. Acute myeloid	12	25	13	23	35	73	108	4.5	15.8	4.3	19.1	19.3	9.9	4.1	7.1	10.7	7.9	8.6	115	168	100.0	0.0	
c. CMD	6	2	3	7	17	18	35	1.1	3.9	1.4	6.2	9.6	0.8	0.9	2.2	5.2	1.9	2.7	28	54	97.1	2.9	
d. MDS & other	0	8	1	3	1	12	13	0.7	2.6	0.5	2.3	-	3.2	0.3	0.9	0.3	1.4	1.1	19	20	100.0	0.0	
e. Unspecified	2	0	1	0	1	3	4	0.2	0.6	0.2	0.7	3.2	-	0.3	-	0.3	0.3	0.3	5	6	100.0	0.0	
II LYMPHOMA & RELATED	12	40	56	80	135	188	323	11.6	100.0	12.9	100.0	19.3	15.9	17.6	24.7	41.2	19.3	24.2	294	500	97.8	0.0	
a. Hodgkin	0	0	15	41	84	56	140	3.5	29.8	5.6	43.3	-	-	4.7	12.7	25.6	5.2	9.8	87	215	100.0	0.0	
b. Non-Hodgkin except BL	3	11	18	24	37	56	93	3.5	29.8	3.7	28.8	4.8	4.4	5.7	7.4	11.3	5.7	7.0	88	144	100.0	0.0	
c. Burkitt (BL)	0	8	17	11	12	36	48	2.2	19.1	1.9	14.9	-	3.2	5.3	3.4	3.7	3.7	3.7	56	75	100.0	0.0	
d. Lymphoreticular	9	20	6	4	0	39	39	2.4	20.7	1.6	12.1	14.5	7.9	1.9	1.2	-	4.5	3.5	62	62	84.6	0.0	
e. Unspecified	0	1	0	0	2	1	3	0.1	0.5	0.1	0.9	-	0.4	-	-	0.6	0.1	0.2	2	5	66.7	0.0	
III CNS NEOPLASMS †	29	107	120	109	90	365	455	22.5	100.0	18.2	100.0	46.6	42.5	37.7	33.7	27.5	38.7	36.2	573	711	83.1	0.0	
a. Ependymoma	4	20	6	6	10	36	46	2.2	9.9	1.8	10.1	6.4	7.9	1.9	1.9	3.1	4.1	3.9	57	72	95.7	0.0	
b. Astrocytoma	8	36	58	47	25	149	174	9.2	40.8	7.0	38.2	12.9	14.3	18.2	14.5	7.6	15.5	13.7	234	272	86.2	0.0	
c. CNS embryonal	7	29	19	11	11	66	77	4.1	18.1	3.1	16.9	11.3	11.5	6.0	3.4	3.4	7.3	6.4	104	121	100.0	0.0	
d. Other gliomas	1	12	17	21	15	51	66	3.1	14.0	2.6	14.5	1.6	4.8	5.3	6.5	4.6	5.2	5.1	80	103	54.5	0.0	
e. Other specified	4	7	16	21	28	48	76	3.0	13.2	3.0	16.7	6.4	2.8	5.0	6.5	8.5	4.9	5.7	75	118	90.8	0.0	
f. Unspecified CNS	5	3	4	3	1	15	16	0.9	4.1	0.6	3.5	8.0	1.2	1.3	0.9	0.3	1.7	1.4	24	25	12.5	0.0	
IV NEUROBLASTOMA	37	50	14	1	0	102	102	6.3	100.0	4.1	100.0	59.5	19.8	4.4	0.3	-	12.2	9.5	162	162	99.0	0.0	
a. (Ganglio)neuroblastoma	37	50	14	0	0	101	101	6.2	99.0	4.0	99.0	59.5	19.8	4.4	-	-	12.1	9.4	160	160	99.0	0.0	
b. Peripheral nervous	0	0	0	1	0	1	1	0.1	1.0	0.0	1.0	-	-	-	0.3	-	0.1	0.1	2	2	100.0	0.0	
V RETINOBLASTOMA	14	31	2	0	0	47	47	2.9	100.0	1.9	100.0	22.5	12.3	0.6	-	-	5.7	4.5	75	75	85.1	0.0	
VI RENAL TUMOURS	15	52	20	4	5	91	96	5.6	100.0	3.8	100.0	24.1	20.6	6.3	1.2	1.5	10.6	8.6	144	152	99.0	0.0	
a. Nephroblastoma	15	51	20	3	0	89	89	5.5	97.8	3.6	92.7	24.1	20.2	6.3	0.9	-	10.4	8.1	141	141	98.9	0.0	
b. Renal carcinoma	0	1	0	1	5	2	7	0.1	2.2	0.3	7.3	-	0.4	-	0.3	1.5	0.2	0.5	3	11	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	7	10	1	4	5	22	27	1.4	100.0	1.1	100.0	11.3	4.0	0.3	1.2	1.5	2.6	2.3	35	42	92.6	0.0	
a. Hepatoblastoma	6	10	0	1	1	17	18	1.0	77.3	0.7	66.7	9.6	4.0	-	0.3	0.3	2.1	1.7	27	29	94.4	0.0	
b. Hepatic carcinoma	0	0	1	3	4	4	8	0.2	18.2	0.3	29.6	-	-	0.3	0.9	1.2	0.4	0.6	6	12	100.0	0.0	
c. Unspecified	1	0	0	0	0	1	1	0.1	4.5	0.0	3.7	1.6	-	-	-	-	0.1	0.1	2	2	0.0	0.0	
VIII BONE TUMOURS	2	8	17	37	49	64	113	3.9	100.0	4.5	100.0	3.2	3.2	5.3	11.4	14.9	6.3	8.2	100	175	99.1	0.0	
a. Osteosarcoma	0	1	8	20	30	29	59	1.8	45.3	2.4	52.2	-	0.4	2.5	6.2	9.2	2.7	4.2	45	91	100.0	0.0	
b. Chondrosarcoma	1	0	0	0	1	1	2	0.1	1.6	0.1	1.8	1.6	-	-	-	0.3	0.1	0.2	2	3	100.0	0.0	
c. Ewing & related	1	7	9	16	13	33	46	2.0	51.6	1.8	40.7	1.6	2.8	2.8	4.9	4.0	3.3	3.5	52	71	97.8	0.0	
d. Other specified	0	0	0	1	4	1	5	0.1	1.6	0.2	4.4	-	-	-	0.3	1.2	0.1	0.3	2	8	100.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.0	0.9	-	-	-	-	0.3	-	0.1	-	2	2	100.0	0.0
IX SOFT TISSUE SARCOMA	9	29	19	33	44	90	134	5.5	100.0	5.4	100.0	14.5	11.5	6.0	10.2	13.4	9.6	10.4	141	208	100.0	0.0	
a. Rhabdomyosarcoma	2	18	11	5	7	36	43	2.2	40.0	1.7	32.1	3.2	7.1	3.5	1.5	2.1	4.0	3.6	57	68	100.0	0.0	
b. Fibrosarcoma	1	3	1	6	5	11	16	0.7	12.2	0.6	11.9	1.6	1.2	0.3	1.9	1.5	1.1	1.2	17	25	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	5	3	6	20	26	34	60	2.1	37.8	2.4	44.8	8.0	1.2	1.9	6.2	7.9	3.4	4.4	53	93	100.0	0.0	
e. Unspecified	1	5	1	2	6	9	15	0.6	10.0	0.6	11.2	1.6	2.0	0.3	0.6	1.8	1.0	1.2	14	23	100.0	0.0	
X GERM CELL TUMOURS	13	17	7	27	81	64	145	3.9	100.0	5.8	100.0	20.9	6.7	2.2	8.4	24.7	6.8	10.9	101	224	94.5	1.4	
a. CNS germ cell ‡	4	2	3	8	8	17	25	1.0	26.6	1.0	17.2	6.4	0.8	0.9	2.5	2.4	1.8	1.9	27	39	80.0	0.0	
b. Other extragonadal	8	7	0	1	5	16	21	1.0	25.0	0.8	14.5	12.9	2.8	-	0.3	1.5	1.9	1.8	25	33	90.5	9.5	
c. Gonadal germ cell	1	8	3	14	64	26	90	1.6	40.6	3.6	62.1	1.6	3.2	0.9	4.3	19.5	2.7	6.5	41	138	100.0	0.0	
d. Gonadal carcinoma	0	0	1	2	3	3	6	0.2	4.7	0.2	4.1	-	-	0.3	0.6	0.9	0.3	0.4	5	9	83.3	0.0	
e. Unspecified gonadal	0	0	0	2	1	2	3	0.1	3.1	0.1	2.1	-	-	-	0.6	0.3	0.2	0.2	3	5	100.0	0.0	
XI CARCINOMA & MELANOMA	0	5	17	94	362	116	478	7.2	100.0	19.1	100.0	-	2.0	5.3	29.1	110.4	10.8	33.2	180	732	100.0	0.0	
a. Adrenocortical	0	1	0	0	0	1	1	0.1	0.9	0.0	0.2	-	0.4	-	-	-	0.1	0.1	2	2	100.0	0.0	
b. Thyroid	0	0	6	9	63	15	78	0.9	12.9	3.1	16.3	-	-	1.9	2.8	19.2	1.4	5.4	23	119	100.0	0.0	
c. Nasopharyngeal	0	0	0	2	1	2	3	0.1	1.7	0.1	0.6	-	-	-	0.6	0.3	0.2	0.2	3	5	100.0	0.0	
d. Melanoma	0	3	1	28	177	32	209	2.0	27.6	8.4	43.7	-	1.2	0.3	8.7	54.0	3.0	14.5	50	320	100.0	0.0	
e. Skin carcinoma	0	0	1	3	4	4	8	0.2	3.4	0.3	1.7	-	-	0.3	0.9	1.2	0.4	0.6	6	12	100.0	0.0	
f. Other & unspecified	0	1	9	52	117	62	179	3.8	53.4	7.2	37.4	-	0.4	2.8	16.1	35.7	5.7	12.5	96	275	100.0	0.0	
XII OTHER & UNSPECIFIED	7	2	1	0	4	10	14	0.6	100.0	0.6	100.0	11.3	0.8	0.3	-	1.2	1.2	1.2	16	22	64.3	7.1	
a. Other specified	5	2	0	0	2	7	9	0.4	70.0	0.4	64.3	8.0	0.8	-	-	0.6	0.9	0.8	11	14	100.0	0.0	
b. Other unspecified	2	0	1	0	2	3	5	0.2	30.0	0.2	35.7	3.2	-	0.3	-	0.6	0.3	0.4	5	8	0.0	20.0	
TOTAL	177	559	400	486	877	1622	2499	100.0	100.0	100.0	100.0	284.6	221.9	125.6	150.3	267.5	174.9	195.7	2551	3889	95.6	0.2	

† includes 193 non-malignant ‡ includes 6 non-malignant

Please consult the quality indicators for this registry

AUSTRALIA, Western Australia (1992-2014)

	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	14	117	72	50	61	253	314	54.4	50.3	1.2	1.3	18	91	54	47	41	210	251	47.5	42.6		
a. Lymphoid	3	91	62	36	32	192	224	41.1	36.1	1.2	1.2	9	82	46	28	16	165	181	37.8	31.5		
b. Acute myeloid	6	18	6	11	19	41	60	8.9	9.4	1.3	1.3	6	7	7	12	16	32	48	7.0	7.7		
c. CMD	3	2	2	2	9	9	18	1.9	2.7	1.0	1.1	3	0	1	5	8	9	17	1.9	2.6		
d. MDS & other	0	6	1	1	0	8	8	1.8	1.4	2.0	1.6	0	2	0	2	1	4	5	0.9	0.8		
e. Unspecified	2	0	1	0	1	3	4	0.7	0.7	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	8	31	40	48	76	127	203	25.7	30.0	2.1	1.7	4	9	16	32	59	61	120	12.5	18.0		
a. Hodgkin	0	0	10	24	39	34	73	6.2	10.0	1.5	1.1	0	0	5	17	45	22	67	4.2	9.6		
b. Non-Hodgkin except BL	3	8	15	12	30	38	68	7.7	10.0	2.1	2.7	0	3	3	12	7	18	25	3.6	3.8		
c. Burkitt (BL)	0	8	13	9	6	30	36	6.1	5.5	5.0	3.0	0	0	4	2	6	6	12	1.2	1.8		
d. Lymphoreticular	5	14	2	3	0	24	24	5.5	4.3	1.6	1.6	4	6	4	1	0	15	15	3.5	2.7		
e. Unspecified	0	1	0	0	1	1	2	0.2	0.3	-	2.0	0	0	0	0	1	0	1	-	0.1		
III CNS NEOPLASMS †	12	67	63	57	49	199	248	41.4	38.6	1.2	1.2	17	40	57	52	41	166	207	35.9	33.6		
a. Ependymoma	3	15	4	4	4	26	30	5.8	5.0	2.6	1.9	1	5	2	2	6	10	16	2.3	2.6		
b. Astrocytoma	3	19	29	25	11	76	87	15.4	13.4	1.0	1.0	5	17	29	22	14	73	87	15.7	14.1		
c. CNS embryonal	3	20	11	4	6	38	44	8.4	7.3	1.4	1.3	4	9	8	7	5	28	33	6.2	5.5		
d. Other gliomas	0	7	9	11	10	27	37	5.4	5.5	1.1	1.3	1	5	8	10	5	24	29	5.0	4.6		
e. Other specified	2	4	9	11	17	26	43	5.1	6.3	1.2	1.3	2	3	7	10	11	22	33	4.6	5.1		
f. Unspecified CNS	1	2	1	2	1	6	7	1.3	1.1	0.7	0.8	4	1	3	1	0	9	9	2.1	1.6		
IV NEUROBLASTOMA	24	23	8	0	0	55	55	12.9	10.0	1.2	1.2	13	27	6	1	0	47	47	11.6	9.0		
a. (Ganglio)neuroblastoma	24	23	8	0	0	55	55	12.9	10.0	1.2	1.2	13	27	6	0	0	46	46	11.4	8.8		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.2	0.1		
V RETINOBLASTOMA	10	19	2	0	0	31	31	7.4	5.7	1.9	1.9	4	12	0	0	0	16	16	4.0	3.1		
VI RENAL TUMOURS	11	25	11	1	3	48	51	11.0	8.9	1.1	1.1	4	27	9	3	2	43	45	10.3	8.2		
a. Nephroblastoma	11	24	11	1	0	47	47	10.8	8.3	1.1	1.1	4	27	9	2	0	42	42	10.1	7.8		
b. Renal carcinoma	0	1	0	0	3	1	4	0.2	0.6	1.0	1.3	0	0	0	1	2	1	3	0.2	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	5	6	1	3	3	15	18	3.4	3.0	2.1	2.0	2	4	0	1	2	7	9	1.7	1.6		
a. Hepatoblastoma	4	6	0	0	1	10	11	2.4	2.0	1.4	1.6	2	4	0	1	0	7	7	1.7	1.3		
b. Hepatic carcinoma	0	0	1	3	2	4	6	0.7	0.8	-	3.0	0	0	0	0	2	0	2	-	0.3		
c. Unspecified	1	0	0	0	0	1	1	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	3	5	20	33	28	61	5.2	8.4	0.8	1.2	2	5	12	17	16	36	52	7.4	8.0		
a. Osteosarcoma	0	1	3	10	20	14	34	2.6	4.7	0.9	1.4	0	0	5	10	10	15	25	2.9	3.6		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.1	0.0	1.0	1	0	0	0	0	1	1	0.3	0.2		
c. Ewing & related	0	2	2	9	8	13	21	2.4	3.0	0.7	0.8	1	5	7	7	5	20	25	4.3	4.0		
d. Other specified	0	0	0	1	3	1	4	0.2	0.5	-	4.0	0	0	0	0	1	0	1	-	0.1		
e. Unspecified	0	0	0	0	1	0	1	-	0.1	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	5	17	14	14	30	50	80	10.5	12.1	1.3	1.5	4	12	5	19	14	40	54	8.6	8.6		
a. Rhabdomyosarcoma	1	10	8	4	4	23	27	4.9	4.3	1.8	1.7	1	8	3	1	3	13	16	3.1	2.8		
b. Fibrosarcoma	1	2	1	4	5	8	13	1.6	1.9	2.7	4.3	0	1	0	2	0	3	3	0.6	0.5		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	2	3	4	6	16	15	31	3.0	4.5	0.8	1.1	3	0	2	14	10	19	29	3.8	4.3		
e. Unspecified	1	2	1	0	5	4	9	0.9	1.4	0.8	1.5	0	3	0	2	1	5	6	1.1	1.0		
X GERM CELL TUMOURS	5	13	2	10	64	30	94	6.5	13.6	0.9	1.8	8	4	5	17	17	34	51	7.2	8.0		
a. CNS germ cell ‡	1	2	2	7	8	12	20	2.3	2.9	2.4	4.0	3	0	1	1	0	5	5	1.2	0.9		
b. Other extragonadal	3	3	0	1	4	7	11	1.6	1.8	0.8	1.1	5	4	0	0	1	9	10	2.3	1.9		
c. Gonadal germ cell	1	8	0	2	51	11	62	2.5	8.8	0.7	2.2	0	0	3	12	13	15	28	2.8	4.0		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	0.2	0	0	1	2	2	3	5	0.6	0.7		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	1	2	3	0.4	0.4		
XI CARCINOMA & MELANOMA	0	2	5	40	167	47	214	8.5	28.9	0.7	0.8	0	3	12	54	195	69	264	13.2	37.8		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.3	0.2		
b. Thyroid	0	0	0	2	22	2	24	0.3	3.2	0.2	0.4	0	0	6	7	41	13	54	2.5	7.8		
c. Nasopharyngeal	0	0	0	1	1	1	2	0.2	0.3	1.0	2.0	0	0	0	1	0	1	1	0.2	0.1		
d. Melanoma	0	2	0	18	95	20	115	3.6	15.5	1.7	1.2	0	1	1	10	82	12	94	2.3	13.4		
e. Skin carcinoma	0	0	1	1	3	2	5	0.4	0.7	1.0	1.7	0	0	0	2	1	2	3	0.4	0.4		
f. Other & unspecified	0	0	4	18	46	22	68	3.9	9.2	0.6	0.6	0	1	5	34	71	40	111	7.6	15.9		
XII OTHER & UNSPECIFIED	4	1	1	0	1	6	7	1.4	1.2	1.5	1.0	3	1	0	0	3	4	7	1.0	1.2		
a. Other specified	3	1	0	0	0	4	4	1.0	0.7	1.3	0.8	2	1	0	0	2	3	5	0.8	0.9		
b. Other unspecified	1	0	1	0	1	2	3	0.4	0.5	2.0	1.5	1	0	0	0	1	1	2	0.3	0.3		
TOTAL	98	324	224	243	487	889	1376	188.1	210.9	1.2	1.2	79	235	176	243	390	733	1123	160.9	179.7		

† includes 104 non-malignant in males and 89 non-malignant in females ‡ includes 2 non-malignant in males and 4 non-malignant in females

Please consult the quality indicators for this registry

AUSTRALIA, Western Australia (1992-2014)

	Age group	Males	Females
Person-years	0	318 781	303 092
	1-4	1 292 548	1 227 079
	5-9	1 633 687	1 551 128
	10-14	1 659 572	1 572 965
	15-19	1 683 987	1 594 044
Total	0-14	4 904 588	4 654 264
	0-19	6 588 575	6 248 308
Average annual population	0-14	213 243	202 359
	0-19	286 460	271 666

Please consult the quality indicators for this registry