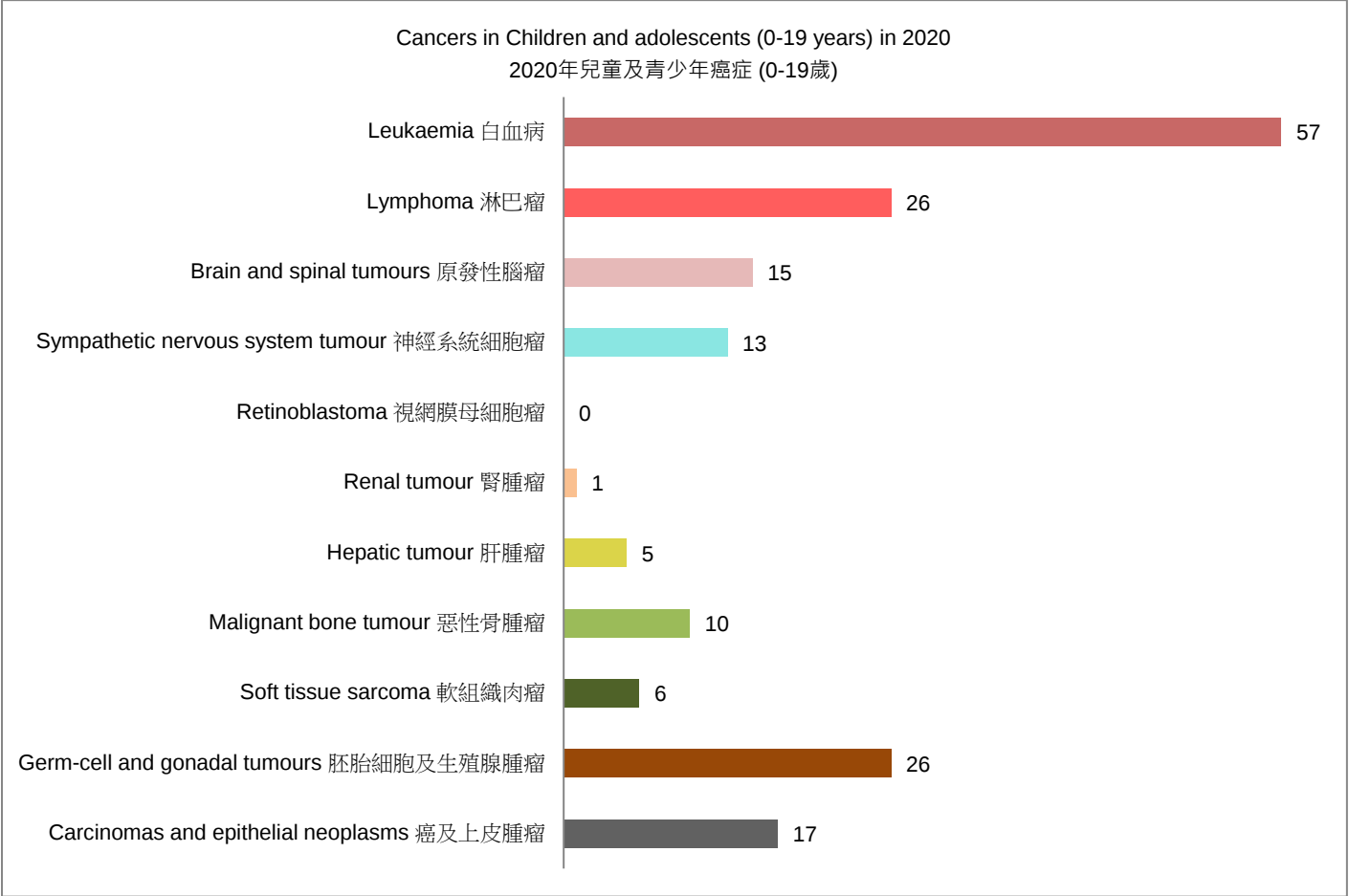


Cancer in Children and Adolescents (0-19 years) in 2020

2020年兒童及青少年癌症 (0-19歲)

Unlike cancers occurring in adults, cancers in children and adolescents are classified by morphology rather than by the site of the tumour. Data are primarily classified into 11 major cancer groups according to the International Classification of Childhood Cancer (ICCC) (Steliarova-Foucher E, Third Edition)¹. Due to the rarity of cancer in children and adolescents, incidence rates are generally expressed per 1,000,000.

兒童及青少年所患的癌症與成年人的種類頗為不同，主要依病理形態學，而非腫瘤生長部位作分類。根據國際兒童癌症分類手冊 International Classification of Childhood cancer (ICCC) (Steliarova-Foucher E, Third Edition)¹，數據基本分為十一個癌症類別。由於兒童癌症並不是常見的疾病，因此發病率一般以每百萬表示。



¹ Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer 2005;103:1457-67

Table 1. New Cases of Cancer in Children and Adolescents (0-19 years) in 2020

列表一 2020年兒童及青少年癌症(0-19歲)新症數字

1.1 Male 男性

Cancer Group 癌症類別	Age group (years) 年齡組別 (歲)					0-19 years (0-19歲)			0-14 years (0-14歲)		
	0	1-4	5-9	10-14	15-19	Total 總計	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹	Total 總計	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹
Leukaemia 白血病	2	10	6	11	4	33	35.9	58.1	29	42.0	67.3
Lymphoma 淋巴瘤	1	0	3	5	5	14	15.2	24.6	9	13.0	20.9
Brain and spinal tumours 原發性腦瘤	1	2	3	1	2	9	9.8	15.8	7	10.1	16.3
Sympathetic nervous system tumour 神經系統細胞瘤	1	6	0	0	0	7	7.6	12.3	7	10.1	16.3
Retinoblastoma 視網膜母細胞瘤	0	0	0	0	0	0	0	0	0	0	0
Renal tumour 腎腫瘤	0	0	0	0	0	0	0	0	0	0	0
Liver tumour 肝腫瘤	1	1	1	0	0	3	3.3	5.3	3	4.3	7.0
Malignant bone tumour 惡性骨腫瘤	0	0	0	3	2	5	5.4	8.8	3	4.3	7.0
Soft tissue sarcoma 軟組織肉瘤	1	0	1	0	0	2	2.2	3.5	2	2.9	4.6
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	0	1	0	5	7	13	14.1	22.9	6	8.7	13.9
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	0	0	0	3	3	6	6.5	10.6	3	4.3	7.0
Other and unspecified tumours 其他及未分類腫瘤	0	0	0	0	0	0	0	0	0	0	0
Total 總計	7	20	14	28	23	92	100.0	161.9	69	100.0	160.2

¹ Crude rates are expressed **per million** in this table due to the rarity of cancer in children.

兒童癌症並不是常見的疾病，因此圖表內的粗率以每百萬表示。

1.2 Female 女性

Cancer Group 癌症類別	Age group (years) 年齡組別 (歲)					0-19 years (0-19歲)			0-14 years (0-14歲)		
	0	1-4	5-9	10-14	15-19	Total 總計	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹	Total 總計	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹
Leukaemia 白血病	1	7	6	8	2	24	28.2	44.6	22	37.3	54.3
Lymphoma 淋巴瘤	0	0	0	3	9	12	14.1	22.3	3	5.1	7.4
Brain and spinal tumours 原發性腦瘤	2	1	2	0	1	6	7.1	11.1	5	8.5	12.3
Sympathetic nervous system tumour 神經系統細胞瘤	3	3	0	0	0	6	7.1	11.1	6	10.2	14.8
Retinoblastoma 視網膜母細胞瘤	0	0	0	0	0	0	0	0	0	0	0
Renal tumour 腎腫瘤	0	0	0	0	1	1	1.2	1.9	0	0	0
Liver tumour 肝腫瘤	0	2	0	0	0	2	2.4	3.7	2	3.4	4.9
Malignant bone tumour 惡性骨腫瘤	0	0	0	5	0	5	5.9	9.3	5	8.5	12.3
Soft tissue sarcoma 軟組織肉瘤	0	2	0	0	2	4	4.7	7.4	2	3.4	4.9
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	1	0	1	5	6	13	15.3	24.2	7	11.9	17.3
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	0	0	0	6	5	11	12.9	20.4	6	10.2	14.8
Other and unspecified tumours 其他及未分類腫瘤	1	0	0	0	0	1	1.2	1.9	1	1.7	2.5
Total 總計	8	15	9	27	26	85	100.0	157.9	59	100.0	145.6

¹ Crude rates are expressed **per million** in this table due to the rarity of cancer in children.

兒童癌症並不是常見的疾病，因此圖表內的粗率以每百萬表示。

1.3 Both Sexes 所有性別

Cancer Group 癌症類別	Age group (years) 年齡組別 (歲)					0-19 years (0-19歲)			0-14 years (0-14歲)		
	0	1-4	5-9	10-14	15-19	Total 總計	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹	Total 總計	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹
Leukaemia 白血病	3	17	12	19	6	57	32.2	51.5	51	39.8	61.0
Lymphoma 淋巴瘤	1	0	3	8	14	26	14.7	23.5	12	9.4	14.4
Brain and spinal tumours 原發性腦瘤	3	3	5	1	3	15	8.5	13.6	12	9.4	14.4
Sympathetic nervous system tumour 神經系統細胞瘤	4	9	0	0	0	13	7.3	11.7	13	10.2	15.6
Retinoblastoma 視網膜母細胞瘤	0	0	0	0	0	0	0	0	0	0	0
Renal tumour 腎腫瘤	0	0	0	0	1	1	0.6	0.9	0	0	0
Liver tumour 肝腫瘤	1	3	1	0	0	5	2.8	4.5	5	3.9	6.0
Malignant bone tumour 惡性骨腫瘤	0	0	0	8	2	10	5.6	9.0	8	6.3	9.6
Soft tissue sarcoma 軟組織肉瘤	1	2	1	0	2	6	3.4	5.4	4	3.1	4.8
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	1	1	1	10	13	26	14.7	23.5	13	10.2	15.6
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	0	0	0	9	8	17	9.6	15.4	9	7.0	10.8
Other and unspecified tumours 其他及未分類腫瘤	1	0	0	0	0	1	0.6	0.9	1	0.8	1.2
Total 總計	15	35	23	55	49	177	100.0	160.0	128	100.0	153.1

¹ Crude rates are expressed **per million** in this table due to the rarity of cancer in children.
兒童癌症並不是常見的疾病，因此圖表內的粗率以每百萬表示。

Table 2. Trends in New Cases of Cancer among Children and Adolescents (0-19 years), 2016-20

列表二 2016-20年兒童及青少年癌症(0-19歲)新症數字的變化

2.1 Male 男性

Cancer Group 癌症類別	0-19 years (0-19歲)								0-14 years (0-14歲)							
	Year / No. (年度 / 數字)					Average per year	Rel. freq. %	Crude rate ¹	Year / No. (年度 / 數字)					Average per year	Rel. freq. %	Crude rate ¹
	2016	2017	2018	2019	2020				2016	2017	2018	2019	2020			
Leukaemia 白血病	28	34	30	23	33	30	29.1	50.3	24	27	23	16	29	24	33.0	54.8
Lymphoma 淋巴瘤	21	21	17	26	14	20	19.5	33.7	10	14	10	13	9	11	15.5	25.8
Brain and spinal tumours 原發性腦瘤	20	22	5	15	9	14	14.0	24.1	19	17	5	14	7	12	17.2	28.6
Sympathetic nervous system tumour 神經系統細胞瘤	5	3	6	7	7	6	5.5	9.5	5	3	6	7	7	6	7.8	12.9
Retinoblastoma 視網膜母細胞瘤	3	2	0	2	0	1	1.4	2.4	3	2	0	2	0	1	1.9	3.2
Renal tumour 腎腫瘤	5	1	0	3	0	2	1.8	3.1	5	1	0	1	0	1	1.9	3.2
Liver tumour 肝腫瘤	1	3	1	1	3	2	1.8	3.1	1	3	1	1	3	2	2.5	4.1
Malignant bone tumour 惡性骨腫瘤	6	5	6	10	5	6	6.3	10.9	2	2	4	7	3	4	5.0	8.3
Soft tissue sarcoma 軟組織肉瘤	7	1	8	6	2	5	4.7	8.2	5	1	5	3	2	3	4.4	7.4
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	9	10	14	10	13	11	11.0	19.0	5	4	7	6	6	6	7.8	12.9
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	3	3	5	8	6	5	4.9	8.5	1	2	2	3	3	2	3.0	5.1
Other and unspecified tumours 其他及未分類腫瘤	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total 總計	108	105	92	111	92	102	100.0	172.7	80	76	63	73	69	72	100.0	166.3

¹ Crude rates are expressed **per million** in this table due to the rarity of cancer in children.

兒童癌症並不是常見的疾病，因此圖表內的粗率以每百萬表示。

2.2 Female 女性

Cancer Group 癌症類別	0-19 years (0-19歲)								0-14 years (0-14歲)							
	Year / No. (年度 / 數字)					Average per year	Rel. freq. %	Crude rate ¹	Year / No. (年度 / 數字)					Average per year	Rel. freq. %	Crude rate ¹
	2016	2017	2018	2019	2020				2016	2017	2018	2019	2020			
Leukaemia 白血病	31	19	33	25	24	26	31.7	47.8	27	17	31	23	22	24	40.3	59.0
Lymphoma 淋巴瘤	7	9	13	12	12	11	12.7	19.2	3	3	6	9	3	5	8.1	11.8
Brain and spinal tumours 原發性腦瘤	9	9	13	10	6	9	11.3	17.0	6	8	11	9	5	8	13.1	19.2
Sympathetic nervous system tumour 神經系統細胞瘤	1	1	5	7	6	4	4.8	7.2	1	1	5	7	6	4	6.7	9.8
Retinoblastoma 視網膜母細胞瘤	0	0	1	0	0	0	0.2	0.4	0	0	1	0	0	0	0.3	0.5
Renal tumour 腎腫瘤	1	1	3	1	1	1	1.7	2.5	0	1	3	1	0	1	1.7	2.5
Liver tumour 肝腫瘤	2	3	2	1	2	2	2.4	3.6	2	3	2	1	2	2	3.4	4.9
Malignant bone tumour 惡性骨腫瘤	3	5	5	5	5	5	5.5	8.3	3	4	3	4	5	4	6.4	9.3
Soft tissue sarcoma 軟組織肉瘤	3	3	6	3	4	4	4.6	6.9	1	2	5	3	2	3	4.4	6.4
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	10	12	9	11	13	11	13.2	19.9	7	8	2	5	7	6	9.7	14.3
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	8	13	7	10	11	10	11.8	17.7	2	3	3	3	6	3	5.7	8.4
Other and unspecified tumours 其他及未分類腫瘤	0	0	0	0	1	0	0.2	0.4	0	0	0	0	1	0	0.3	0.5
Total 總計	75	75	97	85	85	83	100.0	150.9	52	50	72	65	59	60	100.0	146.5

¹ Crude rates are expressed **per million** in this table due to the rarity of cancer in children.

兒童癌症並不是常見的疾病，因此圖表內的粗率以每百萬表示。

2.3 Both Sexes 所有性別

	0-19 years (0-19歲)								0-14 years (0-14歲)							
Cancer Group 癌症類別	Year / No. (年度 / 數字)					Average per year 年均數	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹	Year / No. (年度 / 數字)					Average per year 年均數	Rel. freq. % 分佈 %	Crude rate ¹ 粗率 ¹
	2016	2017	2018	2019	2020				2016	2017	2018	2019	2020			
Leukaemia 白血病	59	53	63	48	57	56	30.3	49.1	51	44	54	39	51	48	36.3	56.8
Lymphoma 淋巴瘤	28	30	30	38	26	30	16.4	26.6	13	17	16	22	12	16	12.1	19.0
Brain and spinal tumours 原發性腦瘤	29	31	18	25	15	24	12.8	20.7	25	25	16	23	12	20	15.3	24.0
Sympathetic nervous system tumour 神經系統細胞瘤	6	4	11	14	13	10	5.2	8.4	6	4	11	14	13	10	7.3	11.4
Retinoblastoma 視網膜母細胞瘤	3	2	1	2	0	2	0.9	1.4	3	2	1	2	0	2	1.2	1.9
Renal tumour 腎腫瘤	6	2	3	4	1	3	1.7	2.8	5	2	3	2	0	2	1.8	2.9
Liver tumour 肝腫瘤	3	6	3	2	5	4	2.1	3.3	3	6	3	2	5	4	2.9	4.5
Malignant bone tumour 惡性骨腫瘤	9	10	11	15	10	11	5.9	9.6	5	6	7	11	8	7	5.6	8.8
Soft tissue sarcoma 軟組織肉瘤	10	4	14	9	6	9	4.6	7.5	6	3	10	6	4	6	4.4	6.9
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	19	22	23	21	26	22	12.0	19.5	12	12	9	11	13	11	8.6	13.6
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	11	16	12	18	17	15	8.0	13.0	3	5	5	6	9	6	4.2	6.7
Other and unspecified tumours 其他及未分類腫瘤	0	0	0	0	1	0	0.1	0.2	0	0	0	0	1	0	0.2	0.2
Total 總計	183	180	189	196	177	185	100.0	162.1	132	126	135	138	128	132	100.0	156.7

¹ Crude rates are expressed **per million** in this table due to the rarity of cancer in children.

兒童癌症並不是常見的疾病，因此圖表內的粗率以每百萬表示。