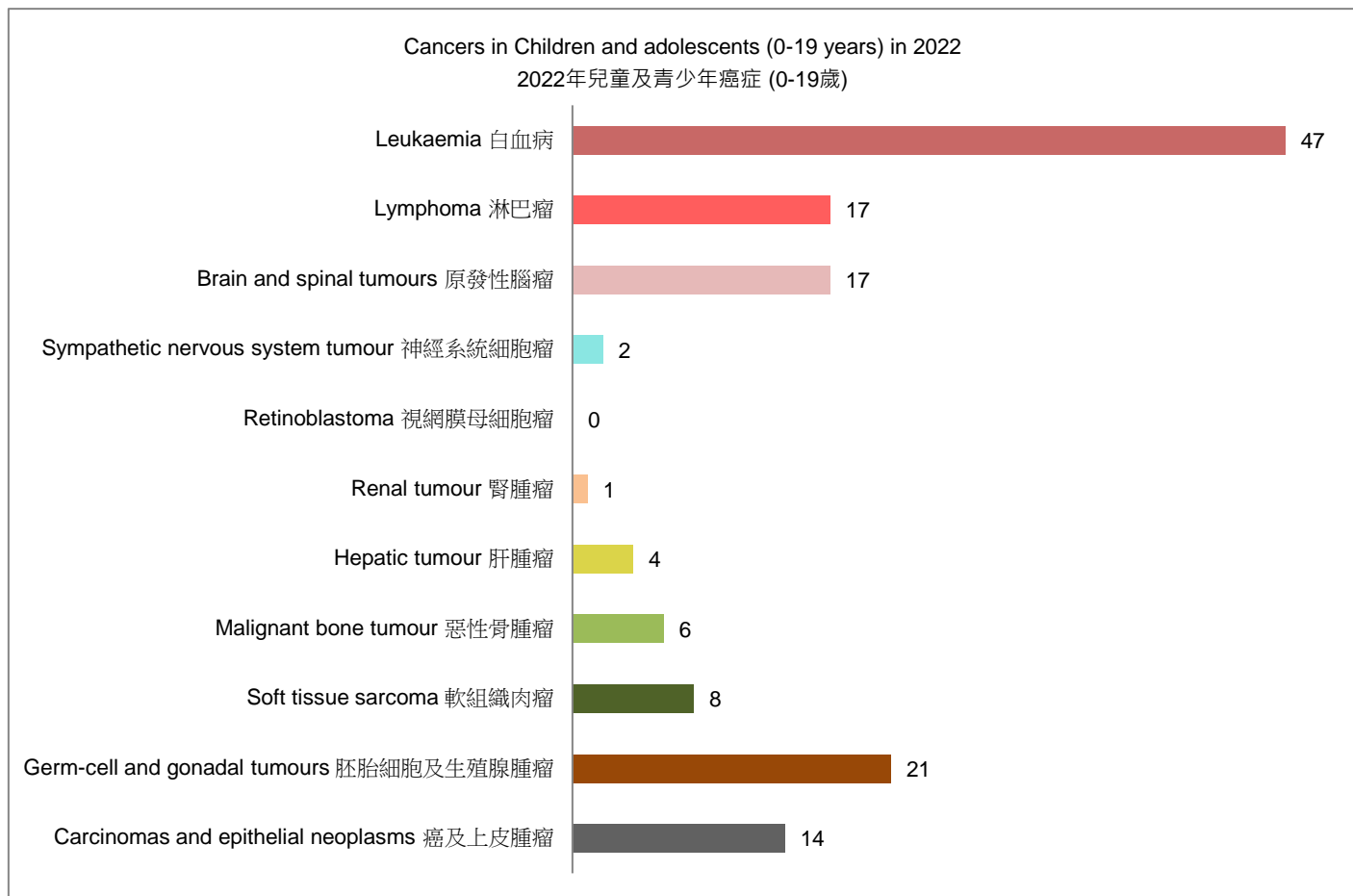


Cancer in Children and Adolescents (0-19 years) in 2022

2022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, Colombet M, Ries LAG, Rous B, Stiller CA. Classification of tumours. In: Steliarova-Foucher E, Colombet M, Ries LAG, Moreno F, Dolya A, Shin HY, Hesselting P, Stiller CA. International Incidence of Childhood Cancer, Volume III. Lyon: International Agency for Research on Cancer, In press

Table 1. New Cases of Cancer in Children and Adolescents (0-19 years) in 2022

列表一 2022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	6	6	7	3	24	32.0	44.8	21	42.0	52.6
Lymphoma 淋巴瘤	0	0	2	2	4	8	10.7	14.9	4	8.0	10.0
Brain and spinal tumours 原發性腦瘤	2	2	2	4	2	12	16.0	22.4	10	20.0	25.1
Sympathetic nervous system tumour 神經系統細胞瘤	0	0	0	0	0	0	0	0	0	0	0
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	1.3	1.9	0	0	0
Liver tumour 肝腫瘤	1	1	0	0	1	3	4.0	5.6	2	4.0	5.0
Malignant bone tumour 惡性骨腫瘤	0	0	0	2	2	4	5.3	7.5	2	4.0	5.0
Soft tissue sarcoma 軟組織肉瘤	0	1	0	2	3	6	8.0	11.2	3	6.0	7.5
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	0	0	0	5	2	7	9.3	13.1	5	10.0	12.5
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	0	0	0	2	4	6	8.0	11.2	2	4.0	5.0
Other and unspecified tumours 其他及未分類腫瘤	0	1	0	0	3	4	5.3	7.5	1	2.0	2.5
Total 總計	5	11	10	24	25	75	100	139.8	50	100	125.3

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。

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	2	8	1	4	8	23	34.8	45.4	15	37.5	40.0
Lymphoma 淋巴瘤	1	3	1	0	4	9	13.6	17.8	5	12.5	13.3
Brain and spinal tumours 原發性腦瘤	0	0	2	0	3	5	7.6	9.9	2	5.0	5.3
Sympathetic nervous system tumour 神經系統細胞瘤	0	2	0	0	0	2	3.0	3.9	2	5.0	5.3
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	0	0	0	0	1	1.5	2.0	1	2.5	2.7
Malignant bone tumour 惡性骨腫瘤	0	0	2	0	0	2	3.0	3.9	2	5.0	5.3
Soft tissue sarcoma 軟組織肉瘤	1	0	0	1	0	2	3.0	3.9	2	5.0	5.3
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	1	0	1	4	8	14	21.2	27.6	6	15.0	16.0
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	0	0	2	3	3	8	12.1	15.8	5	12.5	13.3
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	6	13	9	12	26	66	100	130.3	40	100	106.6

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	4	14	7	11	11	47	33.3	45.1	36	40.0	46.5
Lymphoma 淋巴瘤	1	3	3	2	8	17	12.1	16.3	9	10.0	11.6
Brain and spinal tumours 原發性腦瘤	2	2	4	4	5	17	12.1	16.3	12	13.3	15.5
Sympathetic nervous system tumour 神經系統細胞瘤	0	2	0	0	0	2	1.4	1.9	2	2.2	2.6
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	0.7	1.0	0	0	0
Liver tumour 肝腫瘤	2	1	0	0	1	4	2.8	3.8	3	3.3	3.9
Malignant bone tumour 惡性骨腫瘤	0	0	2	2	2	6	4.3	5.8	4	4.4	5.2
Soft tissue sarcoma 軟組織肉瘤	1	1	0	3	3	8	5.7	7.7	5	5.6	6.5
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	1	0	1	9	10	21	14.9	20.1	11	12.2	14.2
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	0	0	2	5	7	14	9.9	13.4	7	7.8	9.0
Other and unspecified tumours 其他及未分類腫瘤	0	1	0	0	3	4	2.8	3.8	1	1.1	1.3
Total 總計	11	24	19	36	51	141	100	135.2	90	100	116.3

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。

Table 2. Trends in New Cases of Cancer among Children and Adolescents (0-19 years), 2018-22

列表二 2018-22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 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
	2018	2019	2020	2021	2022				2018	2019	2020	2021	2022			
Leukaemia 白血病	30	23	33	38	24	30	31.6	52.3	23	16	29	32	21	24	37.5	57.0
Lymphoma 淋巴瘤	17	26	14	13	8	16	16.7	27.6	10	13	9	4	4	8	12.4	18.8
Brain and spinal tumours 原發性腦瘤	5	15	9	8	12	10	10.5	17.3	5	14	7	8	10	9	13.6	20.7
Sympathetic nervous system tumour 神經系統細胞瘤	6	7	7	3	0	5	4.9	8.1	6	7	7	3	0	5	7.1	10.8
Retinoblastoma 視網膜母細胞瘤	0	2	0	3	0	1	1.1	1.8	0	2	0	3	0	1	1.5	2.4
Renal tumour 腎腫瘤	0	3	0	0	1	1	0.9	1.4	0	1	0	0	0	0	0.3	0.5
Liver tumour 肝腫瘤	1	1	3	2	3	2	2.1	3.5	1	1	3	2	2	2	2.8	4.2
Malignant bone tumour 惡性骨腫瘤	6	10	5	6	4	6	6.6	11.0	4	7	3	4	2	4	6.2	9.4
Soft tissue sarcoma 軟組織肉瘤	8	6	2	8	6	6	6.4	10.6	5	3	2	6	3	4	5.9	8.9
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	14	10	13	11	7	11	11.8	19.4	7	6	6	6	5	6	9.3	14.1
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	5	8	6	6	6	6	6.6	11.0	2	3	3	0	2	2	3.1	4.7
Other and unspecified tumours 其他及未分類腫瘤	0	0	0	0	4	1	0.9	1.4	0	0	0	0	1	0	0.3	0.5
Total 總計	92	111	92	98	75	94	100	165.4	63	73	69	68	50	65	100	152.1

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。

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 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
	2018	2019	2020	2021	2022				2018	2019	2020	2021	2022			
Leukaemia 白血病	33	25	24	20	23	25	30.3	46.8	31	23	22	15	15	21	35.9	53.2
Lymphoma 淋巴瘤	13	12	12	7	9	11	12.8	19.9	6	9	3	5	5	6	9.5	14.0
Brain and spinal tumours 原發性腦瘤	13	10	6	12	5	9	11.1	17.2	11	9	5	10	2	7	12.5	18.6
Sympathetic nervous system tumour 神經系統細胞瘤	5	7	6	2	2	4	5.3	8.2	5	7	6	2	2	4	7.5	11.0
Retinoblastoma 視網膜母細胞瘤	1	0	0	2	0	1	0.7	1.1	1	0	0	2	0	1	1.0	1.5
Renal tumour 腎腫瘤	3	1	1	0	0	1	1.2	1.9	3	1	0	0	0	1	1.4	2.0
Liver tumour 肝腫瘤	2	1	2	4	1	2	2.4	3.7	2	1	2	4	1	2	3.4	5.0
Malignant bone tumour 惡性骨腫瘤	5	5	5	4	2	4	5.1	7.9	3	4	5	4	2	4	6.1	9.0
Soft tissue sarcoma 軟組織肉瘤	6	3	4	7	2	4	5.3	8.2	5	3	2	6	2	4	6.1	9.0
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	9	11	13	7	14	11	13.1	20.2	2	5	7	3	6	5	7.8	11.5
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	7	10	11	12	8	10	11.6	18.0	3	3	6	5	5	4	7.5	11.0
Other and unspecified tumours 其他及未分類腫瘤	0	0	1	3	0	1	1.0	1.5	0	0	1	3	0	1	1.4	2.0
Total 總計	97	85	85	80	66	83	100	154.7	72	65	59	59	40	59	100	148.0

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

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 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
	2018	2019	2020	2021	2022				2018	2019	2020	2021	2022			
Leukaemia 白血病	63	48	57	58	47	55	31.0	49.6	54	39	51	47	36	45	36.7	55.1
Lymphoma 淋巴瘤	30	38	26	20	17	26	14.9	23.8	16	22	12	9	9	14	11.0	16.5
Brain and spinal tumours 原發性腦瘤	18	25	15	20	17	19	10.8	17.3	16	23	12	18	12	16	13.1	19.7
Sympathetic nervous system tumour 神經系統細胞瘤	11	14	13	5	2	9	5.1	8.2	11	14	13	5	2	9	7.3	10.9
Retinoblastoma 視網膜母細胞瘤	1	2	0	5	0	2	0.9	1.5	1	2	0	5	0	2	1.3	1.9
Renal tumour 腎腫瘤	3	4	1	0	1	2	1.0	1.6	3	2	0	0	0	1	0.8	1.2
Liver tumour 肝腫瘤	3	2	5	6	4	4	2.3	3.6	3	2	5	6	3	4	3.1	4.6
Malignant bone tumour 惡性骨腫瘤	11	15	10	10	6	10	5.9	9.5	7	11	8	8	4	8	6.1	9.2
Soft tissue sarcoma 軟組織肉瘤	14	9	6	15	8	10	5.9	9.5	10	6	4	12	5	7	6.0	9.0
Germ-cell and gonadal tumours 胚胎細胞及生殖腺腫瘤	23	21	26	18	21	22	12.4	19.8	9	11	13	9	11	11	8.6	12.9
Carcinomas and epithelial neoplasms 癌及上皮腫瘤	12	18	17	18	14	16	9.0	14.4	5	6	9	5	7	6	5.2	7.8
Other and unspecified tumours 其他及未分類腫瘤	0	0	1	3	4	2	0.9	1.5	0	0	1	3	1	1	0.8	1.2
Total 總計	189	196	177	178	141	176	100	160.2	135	138	128	127	90	124	100	150.1

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。