

UK, England and Wales, paediatric (1991-2010)

	Number of cases					Percentage		Incidence rates per million person-years					MV % 0-14	DCO % 0-14	
	Age group					0-14		Age-specific				Cumulative 0-14			
	0	1-4	5-9	10-14	0-14	All	Group	0	1-4	5-9	10-14				0-14
I LEUKAEMIA	514	4142	2331	1731	8718	31.4	100.0	39.5	79.8	35.7	26.2	46.9	668	98.3	0.4
a. Lymphoid	240	3509	1889	1173	6811	24.5	78.1	18.4	67.6	28.9	17.7	36.8	522	99.3	0.1
b. Acute myeloid	184	447	319	397	1347	4.8	15.5	14.1	8.6	4.9	6.0	7.1	103	97.9	0.9
c. CMD	9	25	36	97	167	0.6	1.9	0.7	0.5	0.6	1.5	0.8	13	85.6	0.6
d. MDS & other	66	136	69	46	317	1.1	3.6	5.1	2.6	1.1	0.7	1.7	24	92.1	0.6
e. Unspecified	15	25	18	18	76	0.3	0.9	1.2	0.5	0.3	0.3	0.4	6	73.7	13.2
II LYMPHOMA & RELATED	18	427	873	1464	2782	10.0	100.0	1.4	8.2	13.4	22.1	13.4	212	96.5	0.3
a. Hodgkin	0	79	286	827	1192	4.3	42.8	-	1.5	4.4	12.5	5.5	91	97.7	0.0
b. Non-Hodgkin except BL	11	207	385	467	1070	3.8	38.5	0.8	4.0	5.9	7.1	5.3	82	95.9	0.3
c. Burkitt (BL)	0	118	181	154	453	1.6	16.3	-	2.3	2.8	2.3	2.3	35	99.3	0.0
d. Lymphoreticular	7	17	7	2	33	0.1	1.2	0.5	0.3	0.1	0.0	0.2	3	78.8	3.0
e. Unspecified	0	6	14	14	34	0.1	1.2	-	0.1	0.2	0.2	0.2	3	58.8	11.8
III CNS NEOPLASMS †	485	2077	2383	2104	7049	25.4	100.0	37.3	40.0	36.5	31.8	36.3	539	78.9	0.7
a. Ependymoma	102	295	163	136	696	2.5	9.9	7.8	5.7	2.5	2.1	3.8	53	97.0	0.1
b. Astrocytoma	142	898	1055	917	3012	10.8	42.7	10.9	17.3	16.1	13.9	15.4	230	83.0	0.2
c. CNS embryonal	120	452	462	280	1314	4.7	18.6	9.2	8.7	7.1	4.2	6.9	101	97.0	0.4
d. Other gliomas	22	185	305	214	726	2.6	10.3	1.7	3.6	4.7	3.2	3.7	55	31.4	1.1
e. Other specified	54	166	302	440	962	3.5	13.6	4.1	3.2	4.6	6.7	4.7	73	86.2	0.1
f. Unspecified CNS	45	81	96	117	339	1.2	4.8	3.5	1.6	1.5	1.8	1.7	26	16.8	8.8
IV NEUROBLASTOMA	525	889	188	49	1651	5.9	100.0	40.3	17.1	2.9	0.7	9.6	127	96.4	0.0
a. (Ganglio)neuroblastoma	524	883	183	41	1631	5.9	98.8	40.2	17.0	2.8	0.6	9.5	125	96.4	0.0
b. Peripheral nervous	1	6	5	8	20	0.1	1.2	0.1	0.1	0.1	0.1	0.1	2	95.0	0.0
V RETINOBLASTOMA	333	422	31	7	793	2.9	100.0	25.6	8.1	0.5	0.1	4.7	61	71.5	0.0
VI RENAL TUMOURS	197	958	277	82	1514	5.4	100.0	15.1	18.5	4.2	1.2	8.6	116	97.8	0.3
a. Nephroblastoma	196	956	270	51	1473	5.3	97.3	15.1	18.4	4.1	0.8	8.4	113	98.0	0.3
b. Renal carcinoma	1	2	4	30	37	0.1	2.4	0.1	0.0	0.1	0.5	0.2	3	97.3	2.7
c. Unspecified	0	0	3	1	4	0.0	0.3	-	-	0.0	0.0	0.0	0	0.0	0.0
VII HEPATIC TUMOURS	102	143	29	45	319	1.1	100.0	7.8	2.8	0.4	0.7	1.8	24	94.4	0.3
a. Hepatoblastoma	97	135	17	15	264	0.9	82.8	7.5	2.6	0.3	0.2	1.5	20	95.8	0.0
b. Hepatic carcinoma	1	7	12	30	50	0.2	15.7	0.1	0.1	0.2	0.5	0.2	4	94.0	0.0
c. Unspecified	4	1	0	0	5	0.0	1.6	0.3	0.0	-	-	0.0	0	20.0	20.0
VIII BONE TUMOURS	8	47	306	768	1129	4.1	100.0	0.6	0.9	4.7	11.6	5.2	86	97.3	0.2
a. Osteosarcoma	0	14	165	450	629	2.3	55.7	-	0.3	2.5	6.8	2.9	48	98.4	0.3
b. Chondrosarcoma	1	0	3	22	26	0.1	2.3	0.1	-	0.0	0.3	0.1	2	88.5	0.0
c. Ewing & related	1	31	125	264	421	1.5	37.3	0.1	0.6	1.9	4.0	2.0	32	99.0	0.0
d. Other specified	3	1	6	20	30	0.1	2.7	0.2	0.0	0.1	0.3	0.1	2	96.7	0.0
e. Unspecified	3	1	7	12	23	0.1	2.0	0.2	0.0	0.1	0.2	0.1	2	47.8	0.0
IX SOFT TISSUE SARCOMA	161	564	504	601	1830	6.6	100.0	12.4	10.9	7.7	9.1	9.5	140	97.0	0.2
a. Rhabdomyosarcoma	69	417	282	154	922	3.3	50.4	5.3	8.0	4.3	2.3	5.0	71	98.8	0.0
b. Fibrosarcoma	36	18	25	82	161	0.6	8.8	2.8	0.3	0.4	1.2	0.8	12	92.5	1.2
c. Kaposi sarcoma	0	1	4	4	9	0.0	0.5	-	0.0	0.1	0.1	0.0	1	66.7	0.0
d. Other specified	42	110	165	318	635	2.3	34.7	3.2	2.1	2.5	4.8	3.1	48	96.4	0.0
e. Unspecified	14	18	28	43	103	0.4	5.6	1.1	0.3	0.4	0.7	0.5	8	94.2	1.0
X GERM CELL TUMOURS	183	217	145	397	942	3.4	100.0	14.1	4.2	2.2	6.0	4.8	72	91.5	0.3
a. CNS germ cell ‡	27	36	75	171	309	1.1	32.8	2.1	0.7	1.1	2.6	1.5	24	79.9	0.6
b. Other extragonadal	116	94	11	18	239	0.9	25.4	8.9	1.8	0.2	0.3	1.4	18	96.7	0.4
c. Gonadal germ cell	39	87	54	195	375	1.3	39.8	3.0	1.7	0.8	3.0	1.9	29	98.1	0.0
d. Gonadal carcinoma	0	0	2	8	10	0.0	1.1	-	-	0.0	0.1	0.0	1	100.0	0.0
e. Unspecified gonadal	1	0	3	5	9	0.0	1.0	0.1	-	0.0	0.1	0.0	1	66.7	0.0
XI CARCINOMA & MELANOMA	13	82	203	649	947	3.4	100.0	1.0	1.6	3.1	9.8	4.4	72	87.4	0.2
a. Adrenocortical	4	22	9	6	41	0.1	4.3	0.3	0.4	0.1	0.1	0.2	3	97.6	0.0
b. Thyroid	1	15	39	128	183	0.7	19.3	0.1	0.3	0.6	1.9	0.9	14	97.8	0.0
c. Nasopharyngeal	0	0	4	46	50	0.2	5.3	-	-	0.1	0.7	0.2	4	100.0	0.0
d. Melanoma	7	29	54	143	233	0.8	24.6	0.5	0.6	0.8	2.2	1.1	18	88.8	0.4
e. Skin carcinoma	1	10	54	137	202	0.7	21.3	0.1	0.2	0.8	2.1	0.9	15	78.7	0.0
f. Other & unspecified	0	6	43	189	238	0.9	25.1	-	0.1	0.7	2.9	1.1	18	81.1	0.4
XII OTHER & UNSPECIFIED	20	50	20	35	125	0.4	100.0	1.5	1.0	0.3	0.5	0.7	10	44.8	1.6
a. Other specified	6	17	3	11	37	0.1	29.6	0.5	0.3	0.0	0.2	0.2	3	100.0	0.0
b. Other unspecified	14	33	17	24	88	0.3	70.4	1.1	0.6	0.3	0.4	0.5	7	21.6	2.3
TOTAL	2559	10018	7290	7932	27799	100.0	100.0	196.6	193.0	111.6	120.0	145.8	2127	91.3	0.4

† includes 2767 non-malignant ‡ includes 62 non-malignant

Please consult the quality indicators for this registry

UK, England and Wales, paediatric (1991-2010)

	Males						M/F ratio	Females					
	Number of cases in age groups					ASR per million 0-14		0-14	Number of cases in age groups				ASR per million 0-14
	0	1-4	5-9	10-14	0-14				0	1-4	5-9	10-14	
I LEUKAEMIA	257	2286	1353	975	4871	51.0	1.3	257	1856	978	756	3847	42.5
a. Lymphoid	106	1956	1094	675	3831	40.4	1.3	134	1553	795	498	2980	33.1
b. Acute myeloid	106	226	183	212	727	7.5	1.2	78	221	136	185	620	6.7
c. CMD	3	14	23	52	92	0.9	1.2	6	11	13	45	75	0.7
d. MDS & other	36	80	44	23	183	2.0	1.4	30	56	25	23	134	1.5
e. Unspecified	6	10	9	13	38	0.4	1.0	9	15	9	5	38	0.4
II LYMPHOMA & RELATED	13	300	658	930	1901	18.0	2.2	5	127	215	534	881	8.6
a. Hodgkin	0	65	211	486	762	7.0	1.8	0	14	75	341	430	4.0
b. Non-Hodgkin except BL	8	127	280	305	720	6.9	2.1	3	80	105	162	350	3.5
c. Burkitt (BL)	0	93	151	124	368	3.6	4.3	0	25	30	30	85	0.9
d. Lymphoreticular	5	11	6	2	24	0.3	2.7	2	6	1	0	9	0.1
e. Unspecified	0	4	10	13	27	0.3	3.9	0	2	4	1	7	0.1
III CNS NEOPLASMS †	264	1089	1292	1122	3767	37.9	1.1	221	988	1091	982	3282	34.6
a. Ependymoma	57	183	83	71	394	4.2	1.3	45	112	80	65	302	3.3
b. Astrocytoma	73	417	550	461	1501	15.0	1.0	69	481	505	456	1511	15.9
c. CNS embryonal	66	257	302	173	798	8.2	1.5	54	195	160	107	516	5.6
d. Other gliomas	12	97	159	115	383	3.8	1.1	10	88	146	99	343	3.6
e. Other specified	31	87	155	241	514	4.9	1.1	23	79	147	199	448	4.5
f. Unspecified CNS	25	48	43	61	177	1.8	1.1	20	33	53	56	162	1.7
IV NEUROBLASTOMA	282	478	100	26	886	10.0	1.2	243	411	88	23	765	9.1
a. (Ganglio)neuroblastoma	281	475	98	21	875	9.9	1.2	243	408	85	20	756	9.0
b. Peripheral nervous	1	3	2	5	11	0.1	1.2	0	3	3	3	9	0.1
V RETINOBLASTOMA	180	201	17	5	403	4.6	1.0	153	221	14	2	390	4.7
VI RENAL TUMOURS	102	457	127	37	723	8.1	0.9	95	501	150	45	791	9.2
a. Nephroblastoma	101	455	122	23	701	7.8	0.9	95	501	148	28	772	9.0
b. Renal carcinoma	1	2	3	13	19	0.2	1.1	0	0	1	17	18	0.2
c. Unspecified	0	0	2	1	3	0.0	3.0	0	0	1	0	1	0.0
VII HEPATIC TUMOURS	53	90	20	21	184	2.0	1.4	49	53	9	24	135	1.6
a. Hepatoblastoma	51	83	13	12	159	1.8	1.5	46	52	4	3	105	1.3
b. Hepatic carcinoma	1	6	7	9	23	0.2	0.9	0	1	5	21	27	0.3
c. Unspecified	1	1	0	0	2	0.0	0.7	3	0	0	0	3	0.0
VIII BONE TUMOURS	3	22	145	409	579	5.2	1.1	5	25	161	359	550	5.2
a. Osteosarcoma	0	9	74	236	319	2.8	1.0	0	5	91	214	310	2.9
b. Chondrosarcoma	0	0	3	16	19	0.2	2.7	1	0	0	6	7	0.1
c. Ewing & related	0	12	62	142	216	2.0	1.1	1	19	63	122	205	2.0
d. Other specified	1	1	2	10	14	0.1	0.9	2	0	4	10	16	0.2
e. Unspecified	2	0	4	5	11	0.1	0.9	1	1	3	7	12	0.1
IX SOFT TISSUE SARCOMA	83	324	292	334	1033	10.4	1.3	78	240	212	267	797	8.4
a. Rhabdomyosarcoma	38	252	178	85	553	5.8	1.5	31	165	104	69	369	4.1
b. Fibrosarcoma	22	5	11	42	80	0.8	1.0	14	13	14	40	81	0.8
c. Kaposi sarcoma	0	1	1	2	4	0.0	0.8	0	0	3	2	5	0.0
d. Other specified	17	57	89	175	338	3.2	1.1	25	53	76	143	297	3.0
e. Unspecified	6	9	13	30	58	0.6	1.3	8	9	15	13	45	0.5
X GERM CELL TUMOURS	88	117	48	172	425	4.3	0.8	95	100	97	225	517	5.4
a. CNS germ cell ‡	12	14	42	125	193	1.8	1.7	15	22	33	46	116	1.2
b. Other extragonadal	39	30	2	10	81	0.9	0.5	77	64	9	8	158	1.9
c. Gonadal germ cell	36	73	3	36	148	1.6	0.7	3	14	51	159	227	2.2
d. Gonadal carcinoma	0	0	0	0	0	-	0.0	0	0	2	8	10	0.1
e. Unspecified gonadal	1	0	1	1	3	0.0	0.5	0	0	2	4	6	0.1
XI CARCINOMA & MELANOMA	5	30	90	292	417	3.8	0.8	8	52	113	357	530	5.1
a. Adrenocortical	1	7	3	1	12	0.1	0.4	3	15	6	5	29	0.3
b. Thyroid	0	7	16	35	58	0.5	0.5	1	8	23	93	125	1.2
c. Nasopharyngeal	0	0	4	37	41	0.4	4.6	0	0	0	9	9	0.1
d. Melanoma	3	9	18	65	95	0.9	0.7	4	20	36	78	138	1.4
e. Skin carcinoma	1	5	26	67	99	0.9	1.0	0	5	28	70	103	1.0
f. Other & unspecified	0	2	23	87	112	1.0	0.9	0	4	20	102	126	1.2
XII OTHER & UNSPECIFIED	10	18	14	23	65	0.7	1.1	10	32	6	12	60	0.7
a. Other specified	4	8	1	7	20	0.2	1.2	2	9	2	4	17	0.2
b. Other unspecified	6	10	13	16	45	0.4	1.0	8	23	4	8	43	0.5
TOTAL	1340	5412	4156	4346	15254	156.0	1.2	1219	4606	3134	3586	12545	135.1

† includes 1436 non-malignant in males and 1331 non-malignant in females ‡ includes 32 non-malignant in males and 30 non-malignant in females

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	Age group	Males	Females
Person-years	0	6 668 942	6 350 082
	1-4	26 567 519	25 335 362
	5-9	33 436 698	31 896 132
	10-14	33 829 738	32 265 945
Total	0-14	100 502 897	95 847 521
Average annual population	0-14	5 025 145	4 792 376

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International Incidence of Childhood Cancer Volume III <http://iicc.iarc.fr/results>