

**Table 3.4a** Age-standardised rates<sup>†</sup> (per million) for 1969-1993 for England, Wales & Scotland county districts subdivided into groups using quintiles of Carstairs index of socio-economic status

<u>Diagnostic group</u>	<u>Group</u>									
	1		2		3		4		5	
	Least deprived								Most deprived	
	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>
1 Leukaemias	1790	39.6	1784	40.9	1658	36.5	2203	36.7	3302	36.4
Lymphoid & unspecified leukaemia	1420	31.5	1439	33.0	1375	30.3	1778	29.7	2675	29.5
2 Lymphomas & reticuloendothelial neoplasms	567	12.2	488	10.9	503	10.9	674	11.0	1074	11.6
Hodgkin's disease	217	4.6	184	4.1	201	4.3	299	4.8	463	5.0
Non-Hodgkin lymphoma	304	6.6	259	5.8	260	5.6	324	5.3	531	5.8
3 CNS & misc. intracranial & intraspinal neoplasms	1223	26.7	1165	26.4	1196	26.1	1568	25.9	2322	25.4
Astrocytoma	462	10.1	432	9.8	454	9.9	575	9.5	903	9.9
Primitive neuroectodermal tumours (PNET)	241	5.3	256	5.8	235	5.2	323	5.3	494	5.4
4 Sympathetic nervous system tumours	348	7.8	301	7.0	354	7.9	431	7.3	677	7.5
5 Retinoblastoma	137	3.1	132	3.1	161	3.6	191	3.2	324	3.6
Retinoblastoma – unilateral	76	1.7	83	1.9	113	2.5	113	1.9	198	2.2
Retinoblastoma – bilateral	60	1.4	45	1.1	46	1.0	73	1.2	116	1.3
6 Renal tumours	342	7.7	287	6.7	298	6.7	398	6.7	565	6.3
7 Hepatic tumours	43	1.0	41	0.9	34	0.8	50	0.8	90	1.0
8 Malignant bone tumours	263	5.6	251	5.5	259	5.5	296	4.8	438	4.7
Osteosarcoma	137	2.9	127	2.8	140	3.0	164	2.6	245	2.6
Ewing's sarcoma	107	2.3	108	2.4	106	2.3	114	1.8	161	1.7
9 Soft tissue sarcomas	340	7.5	322	7.3	373	8.2	480	8.0	586	6.4
10 Germ cell, trophoblastic & other gonadal neoplasms	148	3.2	159	3.6	159	3.5	219	3.6	298	3.3
11 Carcinoma & other malignant epithelial neoplasms	145	3.1	129	2.9	142	3.0	194	3.1	270	2.9
12 Other & unspecified malignant neoplasms	23	0.5	18	0.4	18	0.4	24	0.4	48	0.5
All cancer	5369	117.9	5077	115.7	5155	113.1	6728	111.5	9994	109.7
All cancer minus leukaemia	3579	78.3	3293	74.9	3497	76.5	4525	74.8	6692	73.4

† Age Standardised Rate. This is the rate for ages 0-14 years standardised according to a uniform age distribution, (i.e. the rate obtained by averaging the age-specific rates weighted as though there were equal numbers of children in each five year age group)

**Table 3.4b** Age-standardised rates† (per million) for 1969-1993 for England, Wales & Scotland county districts subdivided into groups using quintiles of degree of overcrowding

<u>Diagnostic group</u>	<u>Group</u>									
	1		2		3		4		5	
	Least overcrowded								Most overcrowded	
	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>
1 Leukaemias	1461	38.7	1680	39.2	1888	37.5	2840	37.7	2868	36.5
Lymphoid & unspecified leukaemia	1162	30.9	1371	32.0	1538	30.6	2306	30.7	2310	29.4
2 Lymphomas & reticuloendothelial neoplasms	446	11.4	492	11.2	561	10.9	860	11.2	947	11.9
Hodgkin's disease	164	4.1	183	4.1	221	4.3	399	5.2	397	4.9
Non-Hodgkin lymphoma	247	6.4	264	6.0	301	5.9	398	5.2	468	5.9
3 CNS & misc. intracranial & intraspinal neoplasms	1020	26.6	1182	27.3	1350	26.5	1927	25.4	1995	25.2
Astrocytoma	378	9.8	437	10.1	533	10.5	710	9.3	768	9.7
Primitive neuroectodermal tumours (PNET)	203	5.3	238	5.5	249	4.9	427	5.6	432	5.5
4 Sympathetic nervous system tumours	293	7.9	336	8.0	359	7.2	529	7.1	594	7.6
5 Retinoblastoma	120	3.3	141	3.4	167	3.4	246	3.3	271	3.5
Retinoblastoma – unilateral	73	2.0	83	2.0	110	2.2	156	2.1	161	2.1
Retinoblastoma – bilateral	46	1.3	56	1.3	53	1.1	81	1.1	104	1.3
6 Renal tumours	257	6.9	310	7.4	360	7.2	480	6.4	483	6.2
7 Hepatic tumours	41	1.1	35	0.8	40	0.8	61	0.8	81	1.0
8 Malignant bone tumours	225	5.6	224	5.0	287	5.5	378	4.9	393	4.9
Osteosarcoma	117	2.9	118	2.6	150	2.9	210	2.7	218	2.7
Ewing's sarcoma	93	2.3	94	2.1	116	2.2	146	1.9	147	1.8
9 Soft tissue sarcomas	293	7.7	324	7.5	388	7.7	599	7.9	497	6.3
10 Germ cell, trophoblastic & other gonadal neoplasms	130	3.4	145	3.3	201	4.0	256	3.4	251	3.2
11 Carcinoma & other malignant epithelial neoplasms	112	2.8	149	3.4	164	3.2	223	2.9	232	2.9
12 Other & unspecified malignant neoplasms	18	0.5	23	0.5	20	0.4	34	0.4	36	0.5
All cancer	4416	115.9	5041	116.9	5785	114.3	8433	111.5	8648	109.6
All cancer minus leukaemia	2955	77.3	3361	77.7	3897	76.9	5593	73.8	5780	73.1

† Age Standardised Rate. This is the rate for ages 0-14 years standardised according to a uniform age distribution, (i.e. the rate obtained by averaging the age-specific rates weighted as though there were equal numbers of children in each five year age group)

**Table 3.4c** Age-standardised rates† (per million) for 1969-1993 for England, Wales & Scotland county districts subdivided into groups using quintiles of population density

<u>Diagnostic group</u>	<u>Group</u>									
	1		2		3		4		5	
	Highest density								Lowest density	
	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>	<u>No</u>	<u>ASR</u>
1 Leukaemias	3642	37.0	2581	36.4	1868	38.3	1668	39.4	978	40.0
Lymphoid & unspecified leukaemia	2939	29.9	2085	29.4	1528	31.4	1330	31.5	805	33.0
2 Lymphomas & reticuloendothelial neoplasms	1098	11.1	824	11.3	599	11.9	501	11.5	284	11.2
Hodgkin's disease	447	4.5	359	4.9	252	5.0	194	4.4	112	4.3
Non-Hodgkin lymphoma	561	5.7	398	5.5	309	6.2	262	6.1	148	5.9
3 CNS & misc. intracranial & intraspinal neoplasms	2480	25.1	1888	26.3	1242	25.2	1175	27.4	689	27.6
Astrocytoma	912	9.2	734	10.2	458	9.3	462	10.8	260	10.4
Primitive neuroectodermal tumours (PNET)	499	5.1	381	5.3	280	5.7	240	5.6	149	6.0
4 Sympathetic nervous system tumours	730	7.5	541	7.7	338	7.1	316	7.6	186	7.8
5 Retinoblastoma	324	3.3	222	3.2	168	3.5	151	3.7	80	3.4
Retinoblastoma – unilateral	204	2.1	129	1.9	94	2.0	104	2.5	52	2.2
Retinoblastoma – bilateral	113	1.2	84	1.2	72	1.5	45	1.1	26	1.1
6 Renal tumours	617	6.3	471	6.7	333	7.0	317	7.6	152	6.4
7 Hepatic tumours	93	0.9	68	1.0	38	0.8	42	1.0	17	0.7
8 Malignant bone tumours	514	5.1	376	5.1	235	4.6	244	5.5	138	5.3
Osteosarcoma	283	2.8	204	2.8	123	2.4	134	3.0	69	2.6
Ewing's sarcoma	203	2.0	137	1.9	100	2.0	94	2.1	62	2.4
9 Soft tissue sarcomas	664	6.7	551	7.7	366	7.4	330	7.7	190	7.7
10 Germ cell, trophoblastic & other gonadal neoplasms	320	3.2	244	3.4	191	3.9	161	3.8	67	2.7
11 Carcinoma & other malignant epithelial neoplasms	269	2.7	238	3.3	134	2.7	148	3.4	91	3.5
12 Other & unspecified malignant neoplasms	45	0.5	32	0.4	28	0.6	14	0.3	12	0.5
All cancer	10796	109.5	8036	112.6	5540	112.9	5067	118.9	2884	116.6
All cancer minus leukaemia	7154	72.5	5455	76.2	3672	74.7	3399	79.5	1906	76.7

† Age Standardised Rate. This is the rate for ages 0-14 years standardised according to a uniform age distribution, (i.e. the rate obtained by averaging the age-specific rates weighted as though there were equal numbers of children in each five year age group)

**Table 3.4d** Age-standardised rates† (per million) for 1969-1993 for England, Wales & Scotland county districts grouped according to urban/rural classification

<u>Diagnostic group</u>	<u>Classification</u>									
	1		2		3		4		5	
	Most urbanised								Most rural	
	No	ASR	No	ASR	No	ASR	No	ASR	No	ASR
1 Leukaemias	3330	37.0	2560	36.5	2162	37.9	1536	38.8	1149	40.8
Lymphoid & unspecified leukaemia	2682	29.8	2086	29.8	1738	30.5	1238	31.4	943	33.6
2 Lymphomas & reticuloendothelial neoplasms	1015	11.2	797	11.1	689	11.8	461	11.3	344	11.8
Hodgkin's disease	406	4.5	356	4.9	286	4.9	167	4.0	149	5.0
Non-Hodgkin lymphoma	528	5.8	381	5.3	346	5.9	251	6.2	172	5.9
3 CNS & misc. intracranial & intraspinal neoplasms	2269	25.1	1845	26.0	1498	26.0	1065	26.6	797	27.8
Astrocytoma	844	9.3	693	9.7	568	9.8	415	10.3	306	10.7
Primitive neuroectodermal tumours (PNET)	468	5.2	350	5.0	329	5.7	234	5.9	168	5.9
4 Sympathetic nervous system tumours	665	7.4	512	7.4	440	7.8	283	7.3	211	7.6
5 Retinoblastoma	293	3.3	211	3.1	197	3.5	144	3.8	100	3.7
Retinoblastoma – unilateral	181	2.0	125	1.8	119	2.1	91	2.4	67	2.5
Retinoblastoma – bilateral	105	1.2	77	1.1	76	1.4	51	1.3	31	1.1
6 Renal tumours	580	6.5	429	6.2	410	7.3	287	7.4	184	6.7
7 Hepatic tumours	86	1.0	57	0.8	55	1.0	36	0.9	24	0.9
8 Malignant bone tumours	475	5.2	357	4.9	306	5.2	216	5.2	153	5.1
Osteosarcoma	253	2.8	208	2.9	161	2.7	113	2.7	78	2.6
Ewing's sarcoma	194	2.1	123	1.7	124	2.1	89	2.1	66	2.2
9 Soft tissue sarcomas	614	6.8	535	7.6	434	7.5	305	7.6	213	7.4
10 Germ cell, trophoblastic & other gonadal neoplasms	296	3.3	245	3.5	216	3.8	127	3.2	99	3.5
11 Carcinoma & other malignant epithelial neoplasms	241	2.6	227	3.1	183	3.1	126	3.1	103	3.5
12 Other & unspecified malignant neoplasms	40	0.4	37	0.5	28	0.5	15	0.4	11	0.4
All cancer	9904	109.8	7812	110.7	6618	115.3	4601	115.5	3388	119.2
All cancer minus leukaemia	6574	72.8	5252	74.2	4456	77.5	3065	76.7	2239	78.4

† Age Standardised Rate. This is the rate for ages 0-14 years standardised according to a uniform age distribution, (i.e. the rate obtained by averaging the age-specific rates weighted as though there were equal numbers of children in each five year age group)