

Table 3.4 Total leukaemia

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	945	64.9	521	33.6	324	20.3	1790	38.9	39.6
2	933	65.9	486	32.7	365	24.0	1784	40.3	40.9
3	874	59.2	469	30.5	315	20.0	1658	36.1	36.5
4	1173	59.9	579	28.5	451	21.6	2203	36.3	36.7
5 Most deprived	1720	57.8	915	30.1	667	21.3	3302	36.1	36.4

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	753	62.3	417	32.1	291	21.6	1461	37.9	38.7
2	894	64.3	474	32.4	312	20.8	1680	38.6	39.2
3	984	60.1	521	30.4	383	21.9	1888	37.0	37.5
4	1501	61.0	769	30.2	570	21.9	2840	37.3	37.7
5 Most overcrowded	1513	58.5	789	30.0	566	20.9	2868	36.2	36.5

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	1917	59.0	993	30.3	732	21.8	3642	36.8	37.0
2	1381	59.9	664	27.5	536	21.7	2581	35.9	36.4
3	957	60.8	546	32.7	365	21.3	1868	37.7	38.3
4	864	63.2	495	34.2	309	20.8	1668	38.8	39.4
5 Lowest density	526	67.3	272	32.3	180	20.3	978	39.0	40.0

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	1769	59.5	897	29.9	664	21.6	3330	36.8	37.0
2	1333	58.4	703	29.5	524	21.4	2560	36.0	36.5
3	1129	61.0	605	31.1	428	21.6	2162	37.4	37.9
4	802	63.0	445	32.8	289	20.6	1536	38.1	38.8
5 Most rural	612	67.8	320	33.1	217	21.5	1149	39.9	40.8

\* ASR = 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 3.4 Lymphomas and reticuloendothelial neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	97	6.7	180	11.6	290	18.2	567	12.3	12.2
2	94	6.6	155	10.4	239	15.7	488	11.0	10.9
3	96	6.5	163	10.6	244	15.5	503	11.0	10.9
4	118	6.0	231	11.4	325	15.6	674	11.1	11.0
5 Most deprived	182	6.1	365	12.0	527	16.8	1074	11.7	11.6

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	79	6.5	139	10.7	228	16.9	446	11.6	11.4
2	74	5.3	170	11.6	248	16.5	492	11.3	11.2
3	109	6.7	184	10.8	268	15.3	561	11.0	10.9
4	157	6.4	285	11.2	418	16.0	860	11.3	11.2
5 Most overcrowded	168	6.5	316	12.0	463	17.1	947	12.0	11.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	208	6.4	374	11.4	516	15.3	1098	11.1	11.1
2	146	6.3	264	10.9	414	16.7	824	11.5	11.3
3	86	5.5	203	12.2	310	18.1	599	12.1	11.9
4	89	6.5	166	11.5	246	16.6	501	11.6	11.5
5 Lowest density	58	7.4	87	10.3	139	15.7	284	11.3	11.2

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	189	6.4	350	11.7	476	15.5	1015	11.2	11.2
2	143	6.3	258	10.8	396	16.2	797	11.2	11.1
3	109	5.9	224	11.5	356	17.9	689	11.9	11.8
4	89	7.0	151	11.1	221	15.8	461	11.4	11.3
5 Most rural	57	6.3	111	11.5	176	17.5	344	12.0	11.8

\* ASR = 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 3.4 CNS and miscellaneous intracranial and intraspinal neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	438	30.1	414	26.7	371	23.3	1223	26.6	26.7
2	416	29.4	408	27.5	341	22.4	1165	26.3	26.4
3	416	28.2	412	26.8	368	23.4	1196	26.1	26.1
4	555	28.4	556	27.4	457	21.9	1568	25.8	25.9
5 Most deprived	800	26.9	862	28.4	660	21.0	2322	25.4	25.4

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	370	30.6	351	27.0	299	22.2	1020	26.5	26.6
2	424	30.5	413	28.3	345	23.0	1182	27.2	27.3
3	478	29.2	450	26.3	422	24.1	1350	26.5	26.5
4	651	26.5	701	27.5	575	22.1	1927	25.3	25.4
5 Most overcrowded	702	27.1	737	28.1	556	20.5	1995	25.2	25.2

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	893	27.5	873	26.7	714	21.2	2480	25.1	25.1
2	637	27.6	682	28.3	569	23.0	1888	26.2	26.3
3	423	26.9	470	28.2	349	20.4	1242	25.1	25.2
4	424	31.0	407	28.1	344	23.2	1175	27.3	27.4
5 Lowest density	248	31.7	220	26.1	221	25.0	689	27.5	27.6

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	821	27.6	791	26.4	657	21.4	2269	25.1	25.1
2	607	26.6	683	28.7	555	22.7	1845	26.0	26.0
3	520	28.1	541	27.8	437	22.0	1498	25.9	26.0
4	400	31.4	356	26.2	309	22.1	1065	26.4	26.6
5 Most rural	277	30.7	281	29.1	239	23.7	797	27.7	27.8

\* ASR = 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 3.4 Sympathetic nervous system tumours

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	268	18.4	60	3.9	20	1.3	348	7.6	7.8
2	225	15.9	55	3.7	21	1.4	301	6.8	7.0
3	277	18.8	53	3.4	24	1.5	354	7.7	7.9
4	351	17.9	60	3.0	20	1.0	431	7.1	7.3
5 Most deprived	550	18.5	89	2.9	38	1.2	677	7.4	7.5

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	222	18.4	53	4.1	18	1.3	293	7.6	7.9
2	257	18.5	59	4.0	20	1.3	336	7.7	8.0
3	284	17.3	47	2.7	28	1.6	359	7.0	7.2
4	434	17.6	72	2.8	23	0.9	529	6.9	7.1
5 Most overcrowded	474	18.3	86	3.3	34	1.3	594	7.5	7.6

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	587	18.1	105	3.2	38	1.1	730	7.4	7.5
2	424	18.4	81	3.4	36	1.5	541	7.5	7.7
3	285	18.1	43	2.6	10	0.6	338	6.8	7.1
4	238	17.4	53	3.7	25	1.7	316	7.3	7.6
5 Lowest density	137	17.5	35	4.2	14	1.6	186	7.4	7.8

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	542	18.2	88	2.9	35	1.1	665	7.4	7.4
2	398	17.4	83	3.5	31	1.3	512	7.2	7.4
3	359	19.4	63	3.2	18	0.9	440	7.6	7.8
4	211	16.6	46	3.4	26	1.9	283	7.0	7.3
5 Most rural	161	17.8	37	3.8	13	1.3	211	7.3	7.6

\* ASR = 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 3.4 Retinoblastoma

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	132	9.1	5	0.3	0	0.0	137	3.0	3.1
2	127	9.0	5	0.3	0	0.0	132	3.0	3.1
3	148	10.0	12	0.8	1	0.1	161	3.5	3.6
4	183	9.3	7	0.3	1	0.0	191	3.1	3.2
5 Most deprived	311	10.4	12	0.4	1	0.0	324	3.5	3.6

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	115	9.5	5	0.4	0	0.0	120	3.1	3.3
2	135	9.7	6	0.4	0	0.0	141	3.2	3.4
3	153	9.3	12	0.7	2	0.1	167	3.3	3.4
4	241	9.8	5	0.2	0	0.0	246	3.2	3.3
5 Most overcrowded	257	9.9	13	0.5	1	0.0	271	3.4	3.5

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	307	9.4	16	0.5	1	0.0	324	3.3	3.3
2	213	9.2	8	0.3	1	0.0	222	3.1	3.2
3	162	10.3	6	0.4	0	0.0	168	3.4	3.5
4	145	10.6	5	0.3	1	0.1	151	3.5	3.7
5 Lowest density	74	9.5	6	0.7	0	0.0	80	3.2	3.4

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	278	9.3	14	0.5	1	0.0	293	3.2	3.3
2	203	8.9	7	0.3	1	0.0	211	3.0	3.1
3	187	10.1	9	0.5	1	0.1	197	3.4	3.5
4	140	11.0	4	0.3	0	0.0	144	3.6	3.8
5 Most rural	93	10.3	7	0.7	0	0.0	100	3.5	3.7

\* ASR = 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 3.4 Renal tumours

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	258	17.7	66	4.3	18	1.1	342	7.4	7.7
2	221	15.6	48	3.2	18	1.2	287	6.5	6.7
3	237	16.0	48	3.1	13	0.8	298	6.5	6.7
4	300	15.3	81	4.0	17	0.8	398	6.5	6.7
5 Most deprived	433	14.5	116	3.8	16	0.5	565	6.2	6.3

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	188	15.6	51	3.9	18	1.3	257	6.7	6.9
2	250	18.0	44	3.0	16	1.1	310	7.1	7.4
3	278	17.0	65	3.8	17	1.0	360	7.1	7.2
4	369	15.0	91	3.6	20	0.8	480	6.3	6.4
5 Most overcrowded	364	14.1	108	4.1	11	0.4	483	6.1	6.2

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	466	14.3	132	4.0	19	0.6	617	6.2	6.3
2	358	15.5	95	3.9	18	0.7	471	6.5	6.7
3	263	16.7	55	3.3	15	0.9	333	6.7	7.0
4	245	17.9	52	3.6	20	1.3	317	7.4	7.6
5 Lowest density	117	15.0	25	3.0	10	1.1	152	6.1	6.4

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	436	14.7	126	4.2	18	0.6	580	6.4	6.5
2	336	14.7	77	3.2	16	0.7	429	6.0	6.2
3	306	16.5	83	4.3	21	1.1	410	7.1	7.3
4	226	17.8	45	3.3	16	1.1	287	7.1	7.4
5 Most rural	145	16.1	28	2.9	11	1.1	184	6.4	6.7

\* ASR = 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 3.4 Hepatic tumours

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	28	1.9	8	0.5	7	0.4	43	0.9	1.0
2	28	2.0	7	0.5	6	0.4	41	0.9	0.9
3	26	1.8	2	0.1	6	0.4	34	0.7	0.8
4	37	1.9	7	0.3	6	0.3	50	0.8	0.8
5 Most deprived	64	2.2	10	0.3	16	0.5	90	1.0	1.0

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	27	2.2	7	0.5	7	0.5	41	1.1	1.1
2	23	1.7	5	0.3	7	0.5	35	0.8	0.8
3	28	1.7	7	0.4	5	0.3	40	0.8	0.8
4	51	2.1	5	0.2	5	0.2	61	0.8	0.8
5 Most overcrowded	54	2.1	10	0.4	17	0.6	81	1.0	1.0

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	57	1.8	15	0.5	21	0.6	93	0.9	0.9
2	48	2.1	9	0.4	11	0.4	68	0.9	1.0
3	31	2.0	3	0.2	4	0.2	38	0.8	0.8
4	33	2.4	5	0.3	4	0.3	42	1.0	1.0
5 Lowest density	14	1.8	2	0.2	1	0.1	17	0.7	0.7

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	50	1.7	12	0.4	24	0.8	86	1.0	1.0
2	43	1.9	7	0.3	7	0.3	57	0.8	0.8
3	41	2.2	12	0.6	2	0.1	55	1.0	1.0
4	30	2.4	2	0.1	4	0.3	36	0.9	0.9
5 Most rural	19	2.1	1	0.1	4	0.4	24	0.8	0.9

\* ASR = 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 3.4 Malignant bone tumours

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	13	0.9	60	3.9	190	11.9	263	5.7	5.6
2	11	0.8	58	3.9	182	12.0	251	5.7	5.5
3	9	0.6	81	5.3	169	10.7	259	5.6	5.5
4	11	0.6	79	3.9	206	9.9	296	4.9	4.8
5 Most deprived	35	1.2	105	3.5	298	9.5	438	4.8	4.7

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	10	0.8	52	4.0	163	12.1	225	5.8	5.6
2	8	0.6	63	4.3	153	10.2	224	5.1	5.0
3	11	0.7	83	4.8	193	11.0	287	5.6	5.5
4	14	0.6	85	3.3	279	10.7	378	5.0	4.9
5 Most overcrowded	36	1.4	100	3.8	257	9.5	393	5.0	4.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	38	1.2	138	4.2	338	10.1	514	5.2	5.1
2	19	0.8	91	3.8	266	10.8	376	5.2	5.1
3	11	0.7	63	3.8	161	9.4	235	4.7	4.6
4	8	0.6	60	4.1	176	11.9	244	5.7	5.5
5 Lowest density	3	0.4	31	3.7	104	11.8	138	5.5	5.3

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	34	1.1	128	4.3	313	10.2	475	5.3	5.2
2	16	0.7	91	3.8	250	10.2	357	5.0	4.9
3	16	0.9	69	3.5	221	11.1	306	5.3	5.2
4	6	0.5	59	4.4	151	10.8	216	5.4	5.2
5 Most rural	7	0.8	36	3.7	110	10.9	153	5.3	5.1

\* ASR = 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 3.4 Soft-tissue sarcomas

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	145	10.0	90	5.8	105	6.6	340	7.4	7.5
2	145	10.2	101	6.8	76	5.0	322	7.3	7.3
3	172	11.6	99	6.4	102	6.5	373	8.1	8.2
4	221	11.3	125	6.2	134	6.4	480	7.9	8.0
5 Most deprived	244	8.2	158	5.2	184	5.9	586	6.4	6.4

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	124	10.3	86	6.6	83	6.2	293	7.6	7.7
2	129	9.3	92	6.3	103	6.9	324	7.4	7.5
3	191	11.7	98	5.7	99	5.7	388	7.6	7.7
4	285	11.6	159	6.2	155	5.9	599	7.9	7.9
5 Most overcrowded	198	7.7	138	5.3	161	5.9	497	6.3	6.3

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	309	9.5	167	5.1	188	5.6	664	6.7	6.7
2	252	10.9	149	6.2	150	6.1	551	7.7	7.7
3	152	9.7	101	6.1	113	6.6	366	7.4	7.4
4	133	9.7	97	6.7	100	6.7	330	7.7	7.7
5 Lowest density	81	10.4	59	7.0	50	5.7	190	7.6	7.7

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	297	10.0	142	4.7	175	5.7	614	6.8	6.8
2	235	10.3	157	6.6	143	5.8	535	7.5	7.6
3	179	9.7	124	6.4	131	6.6	434	7.5	7.5
4	137	10.8	80	5.9	88	6.3	305	7.6	7.6
5 Most rural	79	8.7	70	7.2	64	6.3	213	7.4	7.4

\* ASR = 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 3.4 Germ cell, trophoblastic and other gonadal neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	55	3.8	28	1.8	65	4.1	148	3.2	3.2
2	80	5.7	13	0.9	66	4.3	159	3.6	3.6
3	74	5.0	23	1.5	62	3.9	159	3.5	3.5
4	112	5.7	35	1.7	72	3.4	219	3.6	3.6
5 Most deprived	152	5.1	41	1.3	105	3.3	298	3.3	3.3

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	54	4.5	23	1.8	53	3.9	130	3.4	3.4
2	66	4.7	17	1.2	62	4.1	145	3.3	3.3
3	102	6.2	23	1.3	76	4.3	201	3.9	4.0
4	129	5.2	40	1.6	87	3.3	256	3.4	3.4
5 Most overcrowded	122	4.7	37	1.4	92	3.4	251	3.2	3.2

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	162	5.0	43	1.3	115	3.4	320	3.2	3.2
2	117	5.1	35	1.5	92	3.7	244	3.4	3.4
3	90	5.7	26	1.6	75	4.4	191	3.9	3.9
4	71	5.2	23	1.6	67	4.5	161	3.7	3.8
5 Lowest density	33	4.2	13	1.5	21	2.4	67	2.7	2.7

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	151	5.1	39	1.3	106	3.4	296	3.3	3.3
2	117	5.1	35	1.5	93	3.8	245	3.4	3.5
3	104	5.6	30	1.5	82	4.1	216	3.7	3.8
4	58	4.6	19	1.4	50	3.6	127	3.2	3.2
5 Most rural	43	4.8	17	1.8	39	3.9	99	3.4	3.5

\* ASR = 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 3.4 Carcinoma and other malignant epithelial neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	15	1.0	30	1.9	100	6.3	145	3.2	3.1
2	14	1.0	35	2.4	80	5.3	129	2.9	2.9
3	16	1.1	29	1.9	97	6.2	142	3.1	3.0
4	31	1.6	42	2.1	121	5.8	194	3.2	3.1
5 Most deprived	31	1.0	59	1.9	180	5.7	270	3.0	2.9

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	8	0.7	24	1.8	80	5.9	112	2.9	2.8
2	14	1.0	43	2.9	92	6.1	149	3.4	3.4
3	25	1.5	35	2.0	104	5.9	164	3.2	3.2
4	27	1.1	43	1.7	153	5.9	223	2.9	2.9
5 Most overcrowded	33	1.3	50	1.9	149	5.5	232	2.9	2.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	42	1.3	45	1.4	182	5.4	269	2.7	2.7
2	29	1.3	55	2.3	154	6.2	238	3.3	3.3
3	14	0.9	37	2.2	83	4.9	134	2.7	2.7
4	12	0.9	37	2.6	99	6.7	148	3.4	3.4
5 Lowest density	10	1.3	21	2.5	60	6.8	91	3.6	3.5

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	40	1.3	47	1.6	154	5.0	241	2.7	2.6
2	23	1.0	48	2.0	156	6.4	227	3.2	3.1
3	20	1.1	51	2.6	112	5.6	183	3.2	3.1
4	14	1.1	25	1.8	87	6.2	126	3.1	3.1
5 Most rural	10	1.1	24	2.5	69	6.8	103	3.6	3.5

\* ASR = 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 3.4 Other and unspecified malignant neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	6	0.4	5	0.3	12	0.8	23	0.5	0.5
2	8	0.6	6	0.4	4	0.3	18	0.4	0.4
3	8	0.5	4	0.3	6	0.4	18	0.4	0.4
4	12	0.6	4	0.2	8	0.4	24	0.4	0.4
5 Most deprived	17	0.6	15	0.5	16	0.5	48	0.5	0.5

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	8	0.7	3	0.2	7	0.5	18	0.5	0.5
2	10	0.7	6	0.4	7	0.5	23	0.5	0.5
3	7	0.4	4	0.2	9	0.5	20	0.4	0.4
4	11	0.4	9	0.4	14	0.5	34	0.4	0.4
5 Most overcrowded	15	0.6	12	0.5	9	0.3	36	0.5	0.5

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	16	0.5	14	0.4	15	0.4	45	0.5	0.5
2	15	0.7	7	0.3	10	0.4	32	0.4	0.4
3	10	0.6	9	0.5	9	0.5	28	0.6	0.6
4	4	0.3	1	0.1	9	0.6	14	0.3	0.3
5 Lowest density	6	0.8	3	0.4	3	0.3	12	0.5	0.5

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	17	0.6	11	0.4	12	0.4	40	0.4	0.4
2	11	0.5	11	0.5	15	0.6	37	0.5	0.5
3	12	0.6	8	0.4	8	0.4	28	0.5	0.5
4	7	0.6	1	0.1	7	0.5	15	0.4	0.4
5 Most rural	4	0.4	3	0.3	4	0.4	11	0.4	0.4

\* ASR = 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 3.4 All cancer

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	2400	164.9	1467	94.6	1502	94.3	5369	116.7	117.9
2	2302	162.6	1377	92.7	1398	91.9	5077	114.8	115.7
3	2353	159.3	1395	90.6	1407	89.4	5155	112.3	113.1
4	3104	158.6	1806	88.9	1818	87.1	6728	110.7	111.5
5 Most deprived	4539	152.5	2747	90.4	2708	86.3	9994	109.2	109.7

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	1958	162.1	1211	93.1	1247	92.6	4416	114.5	115.9
2	2284	164.3	1392	95.3	1365	91.0	5041	115.9	116.9
3	2650	161.8	1529	89.3	1606	91.8	5785	113.5	114.3
4	3870	157.3	2264	88.9	2299	88.2	8433	110.8	111.5
5 Most overcrowded	3936	152.2	2396	91.2	2316	85.4	8648	109.1	109.6

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	5002	153.9	2915	89.0	2879	85.6	10796	109.2	109.5
2	3639	157.7	2140	88.7	2257	91.3	8036	111.7	112.6
3	2484	157.8	1562	93.7	1494	87.4	5540	111.9	112.9
4	2266	165.6	1401	96.7	1400	94.3	5067	117.8	118.9
5 Lowest density	1307	167.2	774	91.9	803	90.8	2884	115.0	116.6

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	4624	155.5	2645	88.3	2635	85.8	9904	109.5	109.8
2	3465	151.9	2160	90.8	2187	89.4	7812	109.9	110.7
3	2982	161.1	1819	93.4	1817	91.5	6618	114.4	115.3
4	2120	166.6	1233	90.9	1248	89.1	4601	114.2	115.5
5 Most rural	1507	166.8	935	96.8	946	93.9	3388	117.8	119.2

\* ASR = 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 3.4 All cancer minus all leukaemia

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	1455	100.0	946	61.0	1178	74.0	3579	77.8	78.3
2	1369	96.7	891	60.0	1033	67.9	3293	74.5	74.9
3	1479	100.1	926	60.2	1092	69.3	3497	76.2	76.5
4	1931	98.6	1227	60.4	1367	65.5	4525	74.5	74.8
5 Most deprived	2819	94.7	1832	60.3	2041	65.1	6692	73.1	73.4

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	1205	99.8	794	61.0	956	71.0	2955	76.6	77.3
2	1390	100.0	918	62.8	1053	70.2	3361	77.2	77.7
3	1666	101.7	1008	58.9	1223	69.9	3897	76.4	76.9
4	2369	96.3	1495	58.7	1729	66.3	5593	73.5	73.8
5 Most overcrowded	2423	93.7	1607	61.2	1750	64.6	5780	72.9	73.1

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	3085	94.9	1922	58.7	2147	63.9	7154	72.4	72.5
2	2258	97.9	1476	61.2	1721	69.6	5455	75.8	76.2
3	1527	97.0	1016	60.9	1129	66.0	3672	74.2	74.7
4	1402	102.5	906	62.5	1091	73.5	3399	79.0	79.5
5 Lowest density	781	99.9	502	59.6	623	70.4	1906	76.0	76.7

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	2855	96.0	1748	58.3	1971	64.1	6574	72.7	72.8
2	2132	93.5	1457	61.2	1663	68.0	5252	73.9	74.2
3	1853	100.1	1214	62.3	1389	70.0	4456	77.0	77.5
4	1318	103.6	788	58.1	959	68.4	3065	76.1	76.7
5 Most rural	895	99.1	615	63.7	729	72.3	2239	77.8	78.4

\* ASR = 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 3.4 Lymphoid leukaemia plus unspecified leukaemia

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	792	54.4	435	28.0	193	12.1	1420	30.9	31.5
2	795	56.2	390	26.3	254	16.7	1439	32.5	33.0
3	750	50.8	397	25.8	228	14.5	1375	30.0	30.3
4	989	50.5	475	23.4	314	15.0	1778	29.3	29.7
5 Most deprived	1455	48.9	762	25.1	458	14.6	2675	29.2	29.5

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	628	52.0	350	26.9	184	13.7	1162	30.1	30.9
2	755	54.3	394	27.0	222	14.8	1371	31.5	32.0
3	855	52.2	420	24.5	263	15.0	1538	30.2	30.6
4	1276	51.9	648	25.5	382	14.7	2306	30.3	30.7
5 Most overcrowded	1267	49.0	647	24.6	396	14.6	2310	29.2	29.4

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	1617	49.7	815	24.9	507	15.1	2939	29.7	29.9
2	1176	51.0	546	22.6	363	14.7	2085	29.0	29.4
3	820	52.1	464	27.8	244	14.3	1528	30.9	31.4
4	724	52.9	400	27.6	206	13.9	1330	30.9	31.5
5 Lowest density	444	56.8	234	27.8	127	14.4	805	32.1	33.0

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	1493	50.2	736	24.6	453	14.7	2682	29.7	29.8
2	1135	49.8	581	24.4	370	15.1	2086	29.3	29.8
3	964	52.1	500	25.7	274	13.8	1738	30.0	30.5
4	671	52.7	371	27.4	196	14.0	1238	30.7	31.4
5 Most rural	518	57.3	271	28.0	154	15.3	943	32.8	33.6

\* ASR = 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 3.4 Hodgkin's disease

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	16	1.1	57	3.7	144	9.0	217	4.7	4.6
2	10	0.7	41	2.8	133	8.7	184	4.2	4.1
3	16	1.1	55	3.6	130	8.3	201	4.4	4.3
4	22	1.1	87	4.3	190	9.1	299	4.9	4.8
5 Most deprived	34	1.1	149	4.9	280	8.9	463	5.1	5.0

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	10	0.8	36	2.8	118	8.8	164	4.3	4.1
2	8	0.6	52	3.6	123	8.2	183	4.2	4.1
3	18	1.1	53	3.1	150	8.6	221	4.3	4.3
4	30	1.2	125	4.9	244	9.4	399	5.2	5.2
5 Most overcrowded	32	1.2	123	4.7	242	8.9	397	5.0	4.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	35	1.1	132	4.0	280	8.3	447	4.5	4.5
2	29	1.3	108	4.5	222	9.0	359	5.0	4.9
3	13	0.8	70	4.2	169	9.9	252	5.1	5.0
4	14	1.0	50	3.4	130	8.8	194	4.5	4.4
5 Lowest density	7	0.9	29	3.4	76	8.6	112	4.5	4.3

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	31	1.0	125	4.2	250	8.1	406	4.5	4.5
2	24	1.1	104	4.4	228	9.3	356	5.0	4.9
3	21	1.1	78	4.0	187	9.4	286	4.9	4.9
4	12	0.9	43	3.2	112	8.0	167	4.1	4.0
5 Most rural	10	1.1	39	4.0	100	9.9	149	5.2	5.0

\* ASR = 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 3.4 Non-Hodgkin lymphoma (NHL only)

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	69	4.7	113	7.3	122	7.7	304	6.6	6.6
2	72	5.1	97	6.5	90	5.9	259	5.9	5.8
3	67	4.5	91	5.9	102	6.5	260	5.7	5.6
4	77	3.9	130	6.4	117	5.6	324	5.3	5.3
5 Most deprived	118	4.0	193	6.4	220	7.0	531	5.8	5.8

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	59	4.9	94	7.2	94	7.0	247	6.4	6.4
2	57	4.1	101	6.9	106	7.1	264	6.1	6.0
3	79	4.8	114	6.7	108	6.2	301	5.9	5.9
4	101	4.1	145	5.7	152	5.8	398	5.2	5.2
5 Most overcrowded	107	4.1	170	6.5	191	7.0	468	5.9	5.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	141	4.3	211	6.4	209	6.2	561	5.7	5.7
2	93	4.0	138	5.7	167	6.8	398	5.5	5.5
3	64	4.1	116	7.0	129	7.5	309	6.2	6.2
4	65	4.8	104	7.2	93	6.3	262	6.1	6.1
5 Lowest density	40	5.1	55	6.5	53	6.0	148	5.9	5.9

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	127	4.3	200	6.7	201	6.5	528	5.8	5.8
2	99	4.3	132	5.5	150	6.1	381	5.4	5.3
3	73	3.9	131	6.7	142	7.2	346	6.0	5.9
4	65	5.1	94	6.9	92	6.6	251	6.2	6.2
5 Most rural	39	4.3	67	6.9	66	6.5	172	6.0	5.9

\* ASR = 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 3.4 Retinoblastoma - unilateral

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	72	4.9	4	0.3	0	0.0	76	1.7	1.7
2	78	5.5	5	0.3	0	0.0	83	1.9	1.9
3	101	6.8	12	0.8	0	0.0	113	2.5	2.5
4	105	5.4	7	0.3	1	0.0	113	1.9	1.9
5 Most deprived	185	6.2	12	0.4	1	0.0	198	2.2	2.2

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	69	5.7	4	0.3	0	0.0	73	1.9	2.0
2	77	5.5	6	0.4	0	0.0	83	1.9	2.0
3	97	5.9	12	0.7	1	0.1	110	2.2	2.2
4	151	6.1	5	0.2	0	0.0	156	2.0	2.1
5 Most overcrowded	147	5.7	13	0.5	1	0.0	161	2.0	2.1

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	187	5.8	16	0.5	1	0.0	204	2.1	2.1
2	121	5.2	8	0.3	0	0.0	129	1.8	1.9
3	88	5.6	6	0.4	0	0.0	94	1.9	2.0
4	98	7.2	5	0.3	1	0.1	104	2.4	2.5
5 Lowest density	47	6.0	5	0.6	0	0.0	52	2.1	2.2

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	166	5.6	14	0.5	1	0.0	181	2.0	2.0
2	118	5.2	7	0.3	0	0.0	125	1.8	1.8
3	109	5.9	9	0.5	1	0.1	119	2.1	2.1
4	88	6.9	3	0.2	0	0.0	91	2.3	2.4
5 Most rural	60	6.6	7	0.7	0	0.0	67	2.3	2.5

\* ASR = 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 3.4 Retinoblastoma - bilateral

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	59	4.1	1	0.1	0	0.0	60	1.3	1.4
2	45	3.2	0	0.0	0	0.0	45	1.0	1.1
3	45	3.0	0	0.0	1	0.1	46	1.0	1.0
4	73	3.7	0	0.0	0	0.0	73	1.2	1.2
5 Most deprived	116	3.9	0	0.0	0	0.0	116	1.3	1.3

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	45	3.7	1	0.1	0	0.0	46	1.2	1.3
2	56	4.0	0	0.0	0	0.0	56	1.3	1.3
3	52	3.2	0	0.0	1	0.1	53	1.0	1.1
4	81	3.3	0	0.0	0	0.0	81	1.1	1.1
5 Most overcrowded	104	4.0	0	0.0	0	0.0	104	1.3	1.3

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	113	3.5	0	0.0	0	0.0	113	1.1	1.2
2	83	3.6	0	0.0	1	0.0	84	1.2	1.2
3	72	4.6	0	0.0	0	0.0	72	1.5	1.5
4	45	3.3	0	0.0	0	0.0	45	1.0	1.1
5 Lowest density	25	3.2	1	0.1	0	0.0	26	1.0	1.1

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	105	3.5	0	0.0	0	0.0	105	1.2	1.2
2	76	3.3	0	0.0	1	0.0	77	1.1	1.1
3	76	4.1	0	0.0	0	0.0	76	1.3	1.4
4	50	3.9	1	0.1	0	0.0	51	1.3	1.3
5 Most rural	31	3.4	0	0.0	0	0.0	31	1.1	1.1

\* ASR = 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 3.4 Osteosarcoma

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	4	0.3	23	1.5	110	6.9	137	3.0	2.9
2	1	0.1	22	1.5	104	6.8	127	2.9	2.8
3	4	0.3	40	2.6	96	6.1	140	3.0	3.0
4	2	0.1	31	1.5	131	6.3	164	2.7	2.6
5 Most deprived	8	0.3	51	1.7	186	5.9	245	2.7	2.6

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	2	0.2	22	1.7	93	6.9	117	3.0	2.9
2	2	0.1	26	1.8	90	6.0	118	2.7	2.6
3	2	0.1	32	1.9	116	6.6	150	2.9	2.9
4	5	0.2	39	1.5	166	6.4	210	2.8	2.7
5 Most overcrowded	8	0.3	48	1.8	162	6.0	218	2.8	2.7

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	12	0.4	57	1.7	214	6.4	283	2.9	2.8
2	3	0.1	47	1.9	154	6.2	204	2.8	2.8
3	1	0.1	25	1.5	97	5.7	123	2.5	2.4
4	3	0.2	28	1.9	103	6.9	134	3.1	3.0
5 Lowest density	0	0.0	10	1.2	59	6.7	69	2.8	2.6

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	8	0.3	54	1.8	191	6.2	253	2.8	2.8
2	6	0.3	42	1.8	160	6.5	208	2.9	2.9
3	2	0.1	29	1.5	130	6.5	161	2.8	2.7
4	1	0.1	27	2.0	85	6.1	113	2.8	2.7
5 Most rural	2	0.2	15	1.6	61	6.1	78	2.7	2.6

\* ASR = 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 3.4 Ewing's sarcoma

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	7	0.5	31	2.0	69	4.3	107	2.3	2.3
2	6	0.4	31	2.1	71	4.7	108	2.4	2.4
3	5	0.3	36	2.3	65	4.1	106	2.3	2.3
4	7	0.4	45	2.2	62	3.0	114	1.9	1.8
5 Most deprived	20	0.7	44	1.4	97	3.1	161	1.8	1.7

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	6	0.5	24	1.8	63	4.7	93	2.4	2.3
2	4	0.3	35	2.4	55	3.7	94	2.2	2.1
3	6	0.4	42	2.5	68	3.9	116	2.3	2.2
4	9	0.4	42	1.6	95	3.6	146	1.9	1.9
5 Most overcrowded	20	0.8	44	1.7	83	3.1	147	1.9	1.8

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	22	0.7	70	2.1	111	3.3	203	2.1	2.0
2	8	0.3	36	1.5	93	3.8	137	1.9	1.9
3	7	0.4	35	2.1	58	3.4	100	2.0	2.0
4	5	0.4	27	1.9	62	4.2	94	2.2	2.1
5 Lowest density	3	0.4	19	2.3	40	4.5	62	2.5	2.4

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	21	0.7	65	2.2	108	3.5	194	2.1	2.1
2	6	0.3	42	1.8	75	3.1	123	1.7	1.7
3	8	0.4	35	1.8	81	4.1	124	2.1	2.1
4	5	0.4	26	1.9	58	4.1	89	2.2	2.1
5 Most rural	5	0.6	19	2.0	42	4.2	66	2.3	2.2

\* ASR = 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 3.4 Astrocytoma

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	150	10.3	157	10.1	155	9.7	462	10.0	10.1
2	155	10.9	143	9.6	134	8.8	432	9.8	9.8
3	147	10.0	150	9.7	157	10.0	454	9.9	9.9
4	191	9.8	208	10.2	176	8.4	575	9.5	9.5
5 Most deprived	274	9.2	354	11.6	275	8.8	903	9.9	9.9

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	126	10.4	122	9.4	130	9.7	378	9.8	9.8
2	151	10.9	154	10.5	132	8.8	437	10.0	10.1
3	172	10.5	180	10.5	181	10.3	533	10.5	10.5
4	225	9.1	257	10.1	228	8.7	710	9.3	9.3
5 Most overcrowded	243	9.4	299	11.4	226	8.3	768	9.7	9.7

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	297	9.1	336	10.3	279	8.3	912	9.2	9.2
2	226	9.8	257	10.7	251	10.2	734	10.2	10.2
3	147	9.3	177	10.6	134	7.8	458	9.2	9.3
4	158	11.5	161	11.1	143	9.6	462	10.7	10.8
5 Lowest density	89	11.4	81	9.6	90	10.2	260	10.4	10.4

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	271	9.1	314	10.5	259	8.4	844	9.3	9.3
2	209	9.2	246	10.3	238	9.7	693	9.8	9.7
3	193	10.4	203	10.4	172	8.7	568	9.8	9.8
4	142	11.2	142	10.5	131	9.4	415	10.3	10.3
5 Most rural	102	11.3	107	11.1	97	9.6	306	10.6	10.7

\* ASR = 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 3.4 Primitive neuroectodermal tumours (PNET)

Age-specific & age-standardised rates (per million) for 1969-93 for England, Wales & Scotland county districts subdivided by quintiles of socio-economic status, degree of overcrowding, population density & urban/rural classification

Carstairs index of socio-economic status

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least deprived	91	6.3	91	5.9	59	3.7	241	5.2	5.3
2	91	6.4	104	7.0	61	4.0	256	5.8	5.8
3	104	7.0	81	5.3	50	3.2	235	5.1	5.2
4	125	6.4	129	6.4	69	3.3	323	5.3	5.3
5 Most deprived	202	6.8	193	6.4	99	3.2	494	5.4	5.4

Degree of overcrowding

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Least overcrowded	86	7.1	79	6.1	38	2.8	203	5.3	5.3
2	91	6.5	86	5.9	61	4.1	238	5.5	5.5
3	98	6.0	93	5.4	58	3.3	249	4.9	4.9
4	172	7.0	162	6.4	93	3.6	427	5.6	5.6
5 Most overcrowded	166	6.4	178	6.8	88	3.2	432	5.5	5.5

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	196	6.0	196	6.0	107	3.2	499	5.0	5.1
2	146	6.3	157	6.5	78	3.2	381	5.3	5.3
3	112	7.1	101	6.1	67	3.9	280	5.7	5.7
4	97	7.1	95	6.6	48	3.2	240	5.6	5.6
5 Lowest density	62	7.9	49	5.8	38	4.3	149	5.9	6.0

Urban/rural classification

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	189	6.4	174	5.8	105	3.4	468	5.2	5.2
2	127	5.6	148	6.2	75	3.1	350	4.9	5.0
3	126	6.8	131	6.7	72	3.6	329	5.7	5.7
4	102	8.0	83	6.1	49	3.5	234	5.8	5.9
5 Most rural	69	7.6	62	6.4	37	3.7	168	5.8	5.9

\* ASR = 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