

Table 3.5 Total leukaemia

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	733	63.6	475	36.9	295	21.9	1503	39.7	40.8
2	794	68.6	400	32.6	296	23.3	1490	40.8	41.5
3	828	62.6	461	33.3	317	22.2	1606	38.8	39.4
4	1132	61.9	535	28.8	399	21.0	2066	37.0	37.2
5 Most deprived	1597	55.8	827	29.3	622	21.8	3046	35.6	35.6

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	691	65.6	431	36.2	268	21.1	1390	39.5	41.0
2	790	63.4	455	34.4	326	23.7	1571	39.8	40.5
3	868	62.9	440	30.8	319	21.8	1627	38.1	38.5
4	1074	61.9	519	29.3	391	21.6	1984	37.3	37.6
5 Most overcrowded	1661	57.0	853	29.8	625	21.6	3139	36.2	36.1

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	1699	59.7	865	30.7	624	21.9	3188	37.4	37.4
2	1407	60.1	752	31.1	575	23.2	2734	37.7	38.1
3	1060	61.7	570	31.5	399	21.5	2029	37.7	38.2
4	612	64.3	332	32.7	208	19.7	1152	38.1	38.9
5 Lowest density	306	65.5	179	34.4	123	22.1	608	39.4	40.7

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	3529	60.4	1840	30.9	1366	22.5	6735	37.7	37.9
2	896	60.9	499	32.5	323	20.6	1718	37.5	38.0
3	204	59.3	118	32.4	72	19.2	394	36.4	37.0
4	87	75.1	44	35.5	26	20.1	157	42.6	43.6
5	31	64.9	13	24.8	13	23.5	57	36.6	37.7
6 Most rural	337	66.9	184	32.8	129	21.5	650	39.1	40.4

\* 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 3.5 Lymphomas and reticuloendothelial neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	64	5.5	149	11.6	244	18.1	457	12.1	11.7
2	74	6.4	128	10.4	207	16.3	409	11.2	11.0
3	99	7.5	172	12.4	240	16.8	511	12.4	12.2
4	112	6.1	208	11.2	321	16.9	641	11.5	11.4
5 Most deprived	187	6.5	334	11.8	435	15.2	956	11.2	11.2

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	58	5.5	146	12.2	212	16.7	416	11.8	11.5
2	77	6.2	146	11.0	265	19.3	488	12.4	12.2
3	85	6.2	180	12.6	228	15.6	493	11.5	11.5
4	116	6.7	174	9.8	292	16.1	582	11.0	10.9
5 Most overcrowded	200	6.9	345	12.0	450	15.6	995	11.5	11.5

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	190	6.7	346	12.3	475	16.6	1011	11.9	11.9
2	153	6.5	264	10.9	411	16.6	828	11.4	11.3
3	106	6.2	204	11.3	295	15.9	605	11.2	11.1
4	57	6.0	116	11.4	180	17.1	353	11.7	11.5
5 Lowest density	30	6.4	61	11.7	86	15.4	177	11.5	11.2

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	379	6.5	704	11.8	1013	16.7	2096	11.7	11.7
2	96	6.5	168	11.0	238	15.2	502	11.0	10.9
3	24	7.0	27	7.4	72	19.2	123	11.4	11.2
4	8	6.9	14	11.3	21	16.3	43	11.7	11.5
5	1	2.1	9	17.2	5	9.0	15	9.6	9.4
6 Most rural	28	5.6	69	12.3	98	16.3	195	11.7	11.4

\* 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 3.5 CNS & miscellaneous intracranial & intraspinal neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	351	30.4	391	30.3	328	24.3	1070	28.2	28.4
2	342	29.5	337	27.5	306	24.1	985	27.0	27.0
3	403	30.5	377	27.3	303	21.2	1083	26.2	26.3
4	526	28.7	500	26.9	427	22.5	1453	26.0	26.0
5 Most deprived	754	26.4	780	27.6	623	21.8	2157	25.2	25.3

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	331	31.4	346	29.0	310	24.4	987	28.1	28.3
2	375	30.1	407	30.8	328	23.9	1110	28.1	28.2
3	411	29.8	349	24.4	329	22.5	1089	25.5	25.6
4	493	28.4	486	27.4	388	21.5	1367	25.7	25.8
5 Most overcrowded	766	26.3	797	27.8	632	21.9	2195	25.3	25.3

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	755	26.5	759	27.0	581	20.3	2095	24.6	24.6
2	692	29.5	714	29.5	591	23.8	1997	27.6	27.6
3	512	29.8	488	27.0	428	23.0	1428	26.5	26.6
4	278	29.2	272	26.8	242	23.0	792	26.2	26.3
5 Lowest density	139	29.7	152	29.2	145	26.0	436	28.2	28.3

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	1671	28.6	1646	27.7	1342	22.1	4659	26.1	26.1
2	411	27.9	439	28.6	368	23.4	1218	26.6	26.7
3	96	27.9	89	24.4	94	25.1	279	25.8	25.8
4	27	23.3	34	27.5	25	19.4	86	23.3	23.4
5	22	46.0	14	26.7	17	30.7	53	34.1	34.5
6 Most rural	149	29.6	163	29.1	141	23.5	453	27.2	27.4

\* 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 3.5 Sympathetic nervous system tumours

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	192	16.6	44	3.4	18	1.3	254	6.7	7.1
2	210	18.1	48	3.9	16	1.3	274	7.5	7.8
3	252	19.1	49	3.5	23	1.6	324	7.8	8.1
4	325	17.8	66	3.6	21	1.1	412	7.4	7.5
5 Most deprived	526	18.4	76	2.7	29	1.0	631	7.4	7.4

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	173	16.4	43	3.6	19	1.5	235	6.7	7.2
2	237	19.0	50	3.8	24	1.7	311	7.9	8.2
3	268	19.4	54	3.8	11	0.8	333	7.8	8.0
4	304	17.5	60	3.4	20	1.1	384	7.2	7.3
5 Most overcrowded	523	18.0	76	2.7	33	1.1	632	7.3	7.3

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	501	17.6	95	3.4	29	1.0	625	7.3	7.3
2	434	18.5	66	2.7	34	1.4	534	7.4	7.5
3	306	17.8	58	3.2	21	1.1	385	7.1	7.4
4	186	19.5	45	4.4	13	1.2	244	8.1	8.4
5 Lowest density	78	16.7	19	3.7	10	1.8	107	6.9	7.4

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	1046	17.9	185	3.1	73	1.2	1304	7.3	7.4
2	275	18.7	56	3.7	18	1.1	349	7.6	7.8
3	69	20.1	20	5.5	4	1.1	93	8.6	8.9
4	14	12.1	2	1.6	1	0.8	17	4.6	4.8
5	9	18.8	1	1.9	2	3.6	12	7.7	8.1
6 Most rural	92	18.3	19	3.4	9	1.5	120	7.2	7.7

\* 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 3.5 Retinoblastoma

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	108	9.4	7	0.5	1	0.1	116	3.1	3.3
2	97	8.4	7	0.6	0	0.0	104	2.8	3.0
3	133	10.1	3	0.2	0	0.0	136	3.3	3.4
4	192	10.5	8	0.4	1	0.1	201	3.6	3.7
5 Most deprived	270	9.4	11	0.4	1	0.0	282	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	103	9.8	8	0.7	1	0.1	112	3.2	3.5
2	125	10.0	8	0.6	1	0.1	134	3.4	3.6
3	126	9.1	4	0.3	0	0.0	130	3.0	3.1
4	184	10.6	6	0.3	0	0.0	190	3.6	3.7
5 Most overcrowded	262	9.0	10	0.3	1	0.0	273	3.1	3.1

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	261	9.2	10	0.4	1	0.0	272	3.2	3.2
2	258	11.0	14	0.6	2	0.1	274	3.8	3.9
3	154	9.0	6	0.3	0	0.0	160	3.0	3.1
4	87	9.1	4	0.4	0	0.0	91	3.0	3.2
5 Lowest density	40	8.6	2	0.4	0	0.0	42	2.7	3.0

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	559	9.6	27	0.5	3	0.0	589	3.3	3.4
2	149	10.1	3	0.2	0	0.0	152	3.3	3.4
3	35	10.2	3	0.8	0	0.0	38	3.5	3.7
4	11	9.5	1	0.8	0	0.0	12	3.3	3.4
5	4	8.4	0	0.0	0	0.0	4	2.6	2.8
6 Most rural	42	8.3	2	0.4	0	0.0	44	2.6	2.9

\* 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 3.5 Renal tumours

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	217	18.8	46	3.6	12	0.9	275	7.3	7.8
2	180	15.5	51	4.2	15	1.2	246	6.7	7.0
3	196	14.8	51	3.7	14	1.0	261	6.3	6.5
4	324	17.7	59	3.2	13	0.7	396	7.1	7.2
5 Most deprived	399	13.9	111	3.9	23	0.8	533	6.2	6.2

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	187	17.8	38	3.2	12	0.9	237	6.7	7.3
2	208	16.7	53	4.0	15	1.1	276	7.0	7.3
3	229	16.6	53	3.7	12	0.8	294	6.9	7.0
4	266	15.3	60	3.4	19	1.1	345	6.5	6.6
5 Most overcrowded	426	14.6	114	4.0	19	0.7	559	6.4	6.4

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	416	14.6	104	3.7	20	0.7	540	6.3	6.3
2	377	16.1	93	3.8	20	0.8	490	6.8	6.9
3	262	15.3	70	3.9	22	1.2	354	6.6	6.8
4	173	18.2	35	3.4	11	1.0	219	7.2	7.6
5 Lowest density	88	18.8	16	3.1	4	0.7	108	7.0	7.5

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	876	15.0	227	3.8	54	0.9	1157	6.5	6.6
2	239	16.2	54	3.5	15	1.0	308	6.7	6.9
3	67	19.5	12	3.3	4	1.1	83	7.7	7.9
4	29	25.0	7	5.7	1	0.8	37	10.0	10.5
5	11	23.0	3	5.7	2	3.6	16	10.3	10.8
6 Most rural	94	18.7	15	2.7	1	0.2	110	6.6	7.2

\* 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 3.5 Hepatic tumours

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	18	1.6	10	0.8	8	0.6	36	0.9	1.0
2	24	2.1	2	0.2	3	0.2	29	0.8	0.8
3	23	1.7	6	0.4	3	0.2	32	0.8	0.8
4	43	2.3	3	0.2	9	0.5	55	1.0	1.0
5 Most deprived	58	2.0	10	0.4	15	0.5	83	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	23	2.2	4	0.3	6	0.5	33	0.9	1.0
2	17	1.4	7	0.5	5	0.4	29	0.7	0.8
3	24	1.7	8	0.6	2	0.1	34	0.8	0.8
4	35	2.0	2	0.1	7	0.4	44	0.8	0.8
5 Most overcrowded	67	2.3	10	0.3	18	0.6	95	1.1	1.1

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	55	1.9	11	0.4	17	0.6	83	1.0	1.0
2	51	2.2	9	0.4	12	0.5	72	1.0	1.0
3	33	1.9	10	0.6	4	0.2	47	0.9	0.9
4	18	1.9	0	0.0	2	0.2	20	0.7	0.7
5 Lowest density	9	1.9	1	0.2	3	0.5	13	0.8	0.9

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	119	2.0	22	0.4	31	0.5	172	1.0	1.0
2	28	1.9	6	0.4	2	0.1	36	0.8	0.8
3	8	2.3	1	0.3	2	0.5	11	1.0	1.0
4	2	1.7	1	0.8	0	0.0	3	0.8	0.8
5	2	4.2	0	0.0	0	0.0	2	1.3	1.4
6 Most rural	7	1.4	1	0.2	3	0.5	11	0.7	0.7

\* 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 3.5 Malignant bone tumours

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	8	0.7	47	3.6	159	11.8	214	5.6	5.4
2	8	0.7	39	3.2	148	11.7	195	5.3	5.2
3	15	1.1	74	5.4	174	12.2	263	6.4	6.2
4	9	0.5	86	4.6	187	9.8	282	5.0	5.0
5 Most deprived	31	1.1	100	3.5	288	10.1	419	4.9	4.9

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	4	0.4	49	4.1	140	11.0	193	5.5	5.2
2	5	0.4	53	4.0	177	12.9	235	6.0	5.8
3	12	0.9	57	4.0	168	11.5	237	5.6	5.5
4	21	1.2	81	4.6	184	10.2	286	5.4	5.3
5 Most overcrowded	29	1.0	106	3.7	287	9.9	422	4.9	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	34	1.2	111	3.9	280	9.8	425	5.0	5.0
2	15	0.6	100	4.1	279	11.2	394	5.4	5.3
3	13	0.8	76	4.2	204	11.0	293	5.4	5.3
4	4	0.4	41	4.0	129	12.2	174	5.8	5.6
5 Lowest density	5	1.1	18	3.5	64	11.5	87	5.6	5.3

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	54	0.9	239	4.0	640	10.5	933	5.2	5.2
2	9	0.6	68	4.4	175	11.1	252	5.5	5.4
3	2	0.6	13	3.6	48	12.8	63	5.8	5.7
4	1	0.9	5	4.0	21	16.3	27	7.3	7.1
5	0	0.0	2	3.8	3	5.4	5	3.2	3.1
6 Most rural	5	1.0	19	3.4	69	11.5	93	5.6	5.3

\* 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 3.5 Soft-tissue sarcomas

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	135	11.7	68	5.3	77	5.7	280	7.4	7.6
2	106	9.2	83	6.8	85	6.7	274	7.5	7.5
3	162	12.3	90	6.5	95	6.6	347	8.4	8.5
4	181	9.9	123	6.6	113	5.9	417	7.5	7.5
5 Most deprived	272	9.5	150	5.3	169	5.9	591	6.9	6.9

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	117	11.1	71	6.0	74	5.8	262	7.5	7.6
2	151	12.1	78	5.9	106	7.7	335	8.5	8.6
3	136	9.9	92	6.4	73	5.0	301	7.1	7.1
4	181	10.4	120	6.8	111	6.1	412	7.8	7.8
5 Most overcrowded	271	9.3	153	5.3	175	6.1	599	6.9	6.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	266	9.3	150	5.3	163	5.7	579	6.8	6.8
2	247	10.5	140	5.8	152	6.1	539	7.4	7.5
3	200	11.6	123	6.8	118	6.4	441	8.2	8.3
4	96	10.1	62	6.1	71	6.7	229	7.6	7.6
5 Lowest density	47	10.1	39	7.5	35	6.3	121	7.8	7.9

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	584	10.0	340	5.7	361	5.9	1285	7.2	7.2
2	160	10.9	104	6.8	104	6.6	368	8.0	8.1
3	40	11.6	22	6.0	21	5.6	83	7.7	7.8
4	11	9.5	5	4.0	10	7.7	26	7.0	7.1
5	6	12.6	6	11.5	3	5.4	15	9.6	9.8
6 Most rural	55	10.9	37	6.6	40	6.7	132	7.9	8.1

\* 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 3.5 Germ cell, trophoblastic and other gonadal neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	66	5.7	17	1.3	52	3.9	135	3.6	3.6
2	52	4.5	23	1.9	60	4.7	135	3.7	3.7
3	66	5.0	13	0.9	40	2.8	119	2.9	2.9
4	82	4.5	29	1.6	76	4.0	187	3.3	3.3
5 Most deprived	173	6.0	41	1.5	101	3.5	315	3.7	3.7

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	61	5.8	24	2.0	53	4.2	138	3.9	4.0
2	66	5.3	16	1.2	57	4.1	139	3.5	3.5
3	64	4.6	16	1.1	56	3.8	136	3.2	3.2
4	92	5.3	22	1.2	69	3.8	183	3.4	3.5
5 Most overcrowded	156	5.4	45	1.6	94	3.3	295	3.4	3.4

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	141	5.0	40	1.4	107	3.7	288	3.4	3.4
2	117	5.0	36	1.5	104	4.2	257	3.5	3.6
3	109	6.3	26	1.4	57	3.1	192	3.6	3.6
4	44	4.6	14	1.4	46	4.4	104	3.4	3.5
5 Lowest density	28	6.0	7	1.3	15	2.7	50	3.2	3.3

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	295	5.1	88	1.5	237	3.9	620	3.5	3.5
2	87	5.9	18	1.2	53	3.4	158	3.5	3.5
3	18	5.2	6	1.6	12	3.2	36	3.3	3.4
4	9	7.8	2	1.6	7	5.4	18	4.9	4.9
5	4	8.4	1	1.9	2	3.6	7	4.5	4.6
6 Most rural	26	5.2	8	1.4	18	3.0	52	3.1	3.2

\* 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 3.5 Carcinoma & other malignant epithelial neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	1.4	24	1.9	92	6.8	132	3.5	3.4
2	10	0.9	30	2.4	80	6.3	120	3.3	3.2
3	16	1.2	32	2.3	95	6.6	143	3.5	3.4
4	24	1.3	40	2.2	102	5.4	166	3.0	2.9
5 Most deprived	29	1.0	54	1.9	154	5.4	237	2.8	2.8

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	15	1.4	26	2.2	84	6.6	125	3.6	3.4
2	12	1.0	36	2.7	92	6.7	140	3.5	3.5
3	13	0.9	24	1.7	87	5.9	124	2.9	2.9
4	23	1.3	38	2.1	109	6.0	170	3.2	3.2
5 Most overcrowded	32	1.1	56	2.0	151	5.2	239	2.8	2.8

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	41	1.4	49	1.7	175	6.1	265	3.1	3.1
2	22	0.9	47	1.9	140	5.6	209	2.9	2.8
3	15	0.9	46	2.5	105	5.7	166	3.1	3.0
4	13	1.4	20	2.0	65	6.2	98	3.2	3.2
5 Lowest density	4	0.9	18	3.5	38	6.8	60	3.9	3.7

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	74	1.3	119	2.0	364	6.0	557	3.1	3.1
2	12	0.8	36	2.3	81	5.2	129	2.8	2.8
3	1	0.3	5	1.4	29	7.8	35	3.2	3.1
4	2	1.7	1	0.8	11	8.5	14	3.8	3.7
5	0	0.0	2	3.8	1	1.8	3	1.9	1.9
6 Most rural	6	1.2	17	3.0	37	6.2	60	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 3.5 Other & unspecified malignant neoplasms

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	8	0.7	4	0.3	8	0.6	20	0.5	0.5
2	6	0.5	8	0.7	9	0.7	23	0.6	0.6
3	5	0.4	2	0.1	5	0.3	12	0.3	0.3
4	11	0.6	8	0.4	7	0.4	26	0.5	0.5
5 Most deprived	16	0.6	8	0.3	13	0.5	37	0.4	0.4

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	8	0.8	4	0.3	9	0.7	21	0.6	0.6
2	5	0.4	3	0.2	10	0.7	18	0.5	0.5
3	8	0.6	8	0.6	4	0.3	20	0.5	0.5
4	10	0.6	4	0.2	8	0.4	22	0.4	0.4
5 Most overcrowded	15	0.5	11	0.4	11	0.4	37	0.4	0.4

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	16	0.6	12	0.4	14	0.5	42	0.5	0.5
2	10	0.4	8	0.3	13	0.5	31	0.4	0.4
3	13	0.8	3	0.2	8	0.4	24	0.4	0.5
4	3	0.3	6	0.6	5	0.5	14	0.5	0.5
5 Lowest density	4	0.9	1	0.2	2	0.4	7	0.5	0.5

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	32	0.5	21	0.4	30	0.5	83	0.5	0.5
2	8	0.5	4	0.3	8	0.5	20	0.4	0.4
3	3	0.9	0	0.0	2	0.5	5	0.5	0.5
4	0	0.0	1	0.8	0	0.0	1	0.3	0.3
5	1	2.1	0	0.0	0	0.0	1	0.6	0.7
6 Most rural	2	0.4	4	0.7	2	0.3	8	0.5	0.5

\* 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 3.5 All cancer

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	1916	166.1	1282	99.5	1294	96.0	4492	118.5	120.5
2	1903	164.3	1156	94.3	1225	96.5	4284	117.3	118.4
3	2198	166.3	1330	96.2	1309	91.5	4837	117.0	118.0
4	2961	161.8	1665	89.6	1676	88.2	6302	112.8	113.2
5 Most deprived	4312	150.7	2502	88.5	2473	86.5	9287	108.7	108.6

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	1771	168.2	1190	99.8	1188	93.5	4149	118.0	120.5
2	2068	165.9	1312	99.1	1406	102.3	4786	121.3	122.4
3	2244	162.7	1285	90.0	1289	88.1	4818	112.9	113.6
4	2799	161.4	1572	88.7	1598	88.4	5969	112.3	112.8
5 Most overcrowded	4408	151.4	2576	89.9	2496	86.4	9480	109.4	109.2

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	4375	153.7	2552	90.7	2486	87.1	9413	110.5	110.5
2	3783	161.5	2243	92.7	2333	94.0	8359	115.4	116.1
3	2783	162.1	1680	92.8	1661	89.4	6124	113.7	114.7
4	1571	165.1	947	93.2	972	92.2	3490	115.5	116.9
5 Lowest density	778	166.4	513	98.6	525	94.3	1816	117.6	119.8

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	9218	157.8	5458	91.8	5514	90.7	20190	113.0	113.4
2	2370	161.0	1455	94.9	1385	88.2	5210	113.9	114.7
3	567	164.8	316	86.7	360	96.2	1243	114.8	115.9
4	201	173.4	117	94.5	123	95.3	441	119.6	121.1
5	91	190.4	51	97.4	48	86.6	190	122.1	124.8
6 Most rural	843	167.3	538	96.0	547	91.2	1928	115.8	118.2

\* 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 3.5 All cancer minus leukaemia

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	1183	102.6	807	62.6	999	74.1	2989	78.9	79.8
2	1109	95.8	756	61.6	929	73.2	2794	76.5	76.9
3	1370	103.6	869	62.9	992	69.4	3231	78.1	78.6
4	1829	99.9	1130	60.8	1277	67.2	4236	75.8	76.0
5 Most deprived	2715	94.9	1675	59.3	1851	64.8	6241	73.0	73.0

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	1080	102.6	759	63.7	920	72.4	2759	78.5	79.5
2	1278	102.5	857	64.8	1080	78.6	3215	81.5	81.9
3	1376	99.8	845	59.2	970	66.3	3191	74.7	75.1
4	1725	99.5	1053	59.4	1207	66.8	3985	75.0	75.2
5 Most overcrowded	2747	94.3	1723	60.1	1871	64.7	6341	73.2	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	2676	94.0	1687	60.0	1862	65.2	6225	73.1	73.1
2	2376	101.4	1491	61.6	1758	70.8	5625	77.6	78.0
3	1723	100.3	1110	61.3	1262	67.9	4095	76.0	76.5
4	959	100.8	615	60.5	764	72.5	2338	77.4	77.9
5 Lowest density	472	101.0	334	64.2	402	72.2	1208	78.2	79.1

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	5689	97.4	3618	60.8	4148	68.2	13455	75.3	75.5
2	1474	100.1	956	62.3	1062	67.7	3492	76.3	76.7
3	363	105.5	198	54.3	288	77.0	849	78.4	79.0
4	114	98.4	73	59.0	97	75.1	284	77.0	77.5
5	60	125.5	38	72.6	35	63.1	133	85.5	87.1
6 Most rural	506	100.4	354	63.2	418	69.7	1278	76.8	77.8

\* 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 3.5 Lymphoid leukaemia plus unspecified leukaemia

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	629	54.5	395	30.6	190	14.1	1214	32.0	33.1
2	690	59.6	334	27.2	201	15.8	1225	33.5	34.2
3	706	53.4	391	28.3	228	15.9	1325	32.0	32.5
4	935	51.1	437	23.5	273	14.4	1645	29.4	29.7
5 Most deprived	1340	46.8	674	23.9	424	14.8	2438	28.5	28.5

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	594	56.4	357	29.9	183	14.4	1134	32.3	33.6
2	667	53.5	387	29.2	226	16.4	1280	32.4	33.1
3	741	53.7	373	26.1	217	14.8	1331	31.2	31.6
4	917	52.9	417	23.5	269	14.9	1603	30.2	30.4
5 Most overcrowded	1381	47.4	697	24.3	421	14.6	2499	28.8	28.8

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	1421	49.9	711	25.3	439	15.4	2571	30.2	30.2
2	1205	51.4	623	25.7	389	15.7	2217	30.6	31.0
3	885	51.5	460	25.4	252	13.6	1597	29.7	30.2
4	522	54.9	291	28.6	152	14.4	965	31.9	32.6
5 Lowest density	267	57.1	146	28.1	84	15.1	497	32.2	33.4

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	2979	51.0	1523	25.6	942	15.5	5444	30.5	30.7
2	750	50.9	402	26.2	206	13.1	1358	29.7	30.1
3	174	50.6	105	28.8	47	12.6	326	30.1	30.7
4	76	65.6	36	29.1	15	11.6	127	34.4	35.4
5	27	56.5	12	22.9	13	23.5	52	33.4	34.3
6 Most rural	294	58.4	153	27.3	93	15.5	540	32.4	33.7

\* 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 3.5 Hodgkin's disease

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	8	0.7	41	3.2	132	9.8	181	4.8	4.6
2	8	0.7	44	3.6	110	8.7	162	4.4	4.3
3	16	1.2	57	4.1	129	9.0	202	4.9	4.8
4	22	1.2	65	3.5	176	9.3	263	4.7	4.7
5 Most deprived	35	1.2	141	5.0	234	8.2	410	4.8	4.8

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	4	0.4	48	4.0	118	9.3	170	4.8	4.6
2	11	0.9	47	3.6	136	9.9	194	4.9	4.8
3	9	0.7	41	2.9	131	9.0	181	4.2	4.2
4	24	1.4	67	3.8	158	8.7	249	4.7	4.6
5 Most overcrowded	41	1.4	145	5.1	238	8.2	424	4.9	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	1.2	137	4.9	251	8.8	423	5.0	5.0
2	22	0.9	89	3.7	224	9.0	335	4.6	4.5
3	16	0.9	66	3.6	158	8.5	240	4.5	4.4
4	11	1.2	42	4.1	98	9.3	151	5.0	4.9
5 Lowest density	5	1.1	14	2.7	50	9.0	69	4.5	4.2

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	63	1.1	244	4.1	541	8.9	848	4.7	4.7
2	16	1.1	66	4.3	139	8.9	221	4.8	4.7
3	4	1.2	13	3.6	36	9.6	53	4.9	4.8
4	1	0.9	3	2.4	9	7.0	13	3.5	3.4
5	1	2.1	4	7.6	3	5.4	8	5.1	5.0
6 Most rural	4	0.8	18	3.2	53	8.8	75	4.5	4.3

\* 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 3.5 Non-Hodgkin lymphoma (NHL only)

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	51	4.4	94	7.3	99	7.3	244	6.4	6.4
2	57	4.9	77	6.3	81	6.4	215	5.9	5.9
3	70	5.3	100	7.2	96	6.7	266	6.4	6.4
4	75	4.1	125	6.7	123	6.5	323	5.8	5.8
5 Most deprived	118	4.1	169	6.0	183	6.4	470	5.5	5.5

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	49	4.7	86	7.2	84	6.6	219	6.2	6.2
2	55	4.4	85	6.4	113	8.2	253	6.4	6.4
3	62	4.5	120	8.4	79	5.4	261	6.1	6.1
4	82	4.7	99	5.6	120	6.6	301	5.7	5.7
5 Most overcrowded	123	4.2	175	6.1	186	6.4	484	5.6	5.6

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	128	4.5	176	6.3	199	7.0	503	5.9	5.9
2	106	4.5	154	6.4	163	6.6	423	5.8	5.8
3	73	4.3	125	6.9	122	6.6	320	5.9	5.9
4	42	4.4	68	6.7	67	6.4	177	5.9	5.8
5 Lowest density	22	4.7	42	8.1	31	5.6	95	6.2	6.1

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	260	4.5	398	6.7	414	6.8	1072	6.0	6.0
2	65	4.4	94	6.1	90	5.7	249	5.4	5.4
3	18	5.2	14	3.8	26	6.9	58	5.4	5.3
4	5	4.3	9	7.3	10	7.7	24	6.5	6.4
5	0	0.0	5	9.6	2	3.6	7	4.5	4.4
6 Most rural	23	4.6	45	8.0	40	6.7	108	6.5	6.4

\* 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 3.5 Retinoblastoma - unilateral

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	70	6.1	7	0.5	0	0.0	77	2.0	2.2
2	56	4.8	7	0.6	0	0.0	63	1.7	1.8
3	83	6.3	2	0.1	0	0.0	85	2.1	2.1
4	109	6.0	8	0.4	1	0.1	118	2.1	2.1
5 Most deprived	168	5.9	11	0.4	1	0.0	180	2.1	2.1

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	70	6.6	8	0.7	0	0.0	78	2.2	2.4
2	79	6.3	7	0.5	1	0.1	87	2.2	2.3
3	74	5.4	4	0.3	0	0.0	78	1.8	1.9
4	110	6.3	6	0.3	0	0.0	116	2.2	2.2
5 Most overcrowded	153	5.3	10	0.3	1	0.0	164	1.9	1.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	161	5.7	10	0.4	1	0.0	172	2.0	2.0
2	147	6.3	14	0.6	1	0.0	162	2.2	2.3
3	101	5.9	6	0.3	0	0.0	107	2.0	2.1
4	50	5.3	4	0.4	0	0.0	54	1.8	1.9
5 Lowest density	27	5.8	1	0.2	0	0.0	28	1.8	2.0

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	340	5.8	27	0.5	2	0.0	369	2.1	2.1
2	85	5.8	3	0.2	0	0.0	88	1.9	2.0
3	22	6.4	2	0.5	0	0.0	24	2.2	2.3
4	9	7.8	1	0.8	0	0.0	10	2.7	2.9
5	2	4.2	0	0.0	0	0.0	2	1.3	1.4
6 Most rural	28	5.6	2	0.4	0	0.0	30	1.8	2.0

\* 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 3.5 Retinoblastoma - bilateral

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	37	3.2	0	0.0	1	0.1	38	1.0	1.1
2	40	3.5	0	0.0	0	0.0	40	1.1	1.2
3	47	3.6	1	0.1	0	0.0	48	1.2	1.2
4	77	4.2	0	0.0	0	0.0	77	1.4	1.4
5 Most deprived	94	3.3	0	0.0	0	0.0	94	1.1	1.1

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	32	3.0	0	0.0	1	0.1	33	0.9	1.0
2	44	3.5	1	0.1	0	0.0	45	1.1	1.2
3	50	3.6	0	0.0	0	0.0	50	1.2	1.2
4	68	3.9	0	0.0	0	0.0	68	1.3	1.3
5 Most overcrowded	101	3.5	0	0.0	0	0.0	101	1.2	1.2

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	97	3.4	0	0.0	0	0.0	97	1.1	1.1
2	101	4.3	0	0.0	1	0.0	102	1.4	1.5
3	48	2.8	0	0.0	0	0.0	48	0.9	0.9
4	36	3.8	0	0.0	0	0.0	36	1.2	1.3
5 Lowest density	13	2.8	1	0.2	0	0.0	14	0.9	1.0

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	202	3.5	0	0.0	1	0.0	203	1.1	1.2
2	63	4.3	0	0.0	0	0.0	63	1.4	1.4
3	12	3.5	1	0.3	0	0.0	13	1.2	1.3
4	2	1.7	0	0.0	0	0.0	2	0.5	0.6
5	2	4.2	0	0.0	0	0.0	2	1.3	1.4
6 Most rural	14	2.8	0	0.0	0	0.0	14	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 3.5 Osteosarcoma

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	1	0.1	18	1.4	96	7.1	115	3.0	2.9
2	2	0.2	13	1.1	84	6.6	99	2.7	2.6
3	4	0.3	27	2.0	100	7.0	131	3.2	3.1
4	4	0.2	44	2.4	115	6.1	163	2.9	2.9
5 Most deprived	5	0.2	48	1.7	183	6.4	236	2.8	2.8

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	1	0.1	19	1.6	89	7.0	109	3.1	2.9
2	1	0.1	19	1.4	94	6.8	114	2.9	2.8
3	3	0.2	23	1.6	103	7.0	129	3.0	3.0
4	5	0.3	35	2.0	110	6.1	150	2.8	2.8
5 Most overcrowded	6	0.2	54	1.9	182	6.3	242	2.8	2.8

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	7	0.2	50	1.8	183	6.4	240	2.8	2.8
2	4	0.2	46	1.9	165	6.6	215	3.0	2.9
3	4	0.2	28	1.5	114	6.1	146	2.7	2.6
4	1	0.1	20	2.0	74	7.0	95	3.1	3.0
5 Lowest density	0	0.0	6	1.2	42	7.5	48	3.1	2.9

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	13	0.2	99	1.7	395	6.5	507	2.8	2.8
2	2	0.1	31	2.0	102	6.5	135	3.0	2.9
3	1	0.3	7	1.9	24	6.4	32	3.0	2.9
4	0	0.0	3	2.4	11	8.5	14	3.8	3.6
5	0	0.0	1	1.9	3	5.4	4	2.6	2.4
6 Most rural	0	0.0	9	1.6	43	7.2	52	3.1	2.9

\* 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 3.5 Ewing's sarcoma

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	5	0.4	27	2.1	57	4.2	89	2.3	2.3
2	6	0.5	23	1.9	57	4.5	86	2.4	2.3
3	8	0.6	38	2.7	65	4.5	111	2.7	2.6
4	2	0.1	37	2.0	61	3.2	100	1.8	1.8
5 Most deprived	20	0.7	44	1.6	90	3.1	154	1.8	1.8

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	2	0.2	29	2.4	44	3.5	75	2.1	2.0
2	2	0.2	31	2.3	78	5.7	111	2.8	2.7
3	9	0.7	27	1.9	56	3.8	92	2.2	2.1
4	11	0.6	37	2.1	60	3.3	108	2.0	2.0
5 Most overcrowded	17	0.6	45	1.6	92	3.2	154	1.8	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	20	0.7	53	1.9	81	2.8	154	1.8	1.8
2	7	0.3	44	1.8	102	4.1	153	2.1	2.1
3	7	0.4	42	2.3	82	4.4	131	2.4	2.4
4	2	0.2	19	1.9	46	4.4	67	2.2	2.1
5 Lowest density	5	1.1	11	2.1	19	3.4	35	2.3	2.2

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	29	0.5	122	2.1	213	3.5	364	2.0	2.0
2	6	0.4	30	2.0	67	4.3	103	2.3	2.2
3	1	0.3	6	1.6	20	5.3	27	2.5	2.4
4	0	0.0	2	1.6	8	6.2	10	2.7	2.6
5	0	0.0	0	0.0	0	0.0	0	0.0	0.0
6 Most rural	5	1.0	9	1.6	22	3.7	36	2.2	2.1

\* 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 3.5 Astrocytoma

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	120	10.4	142	11.0	146	10.8	408	10.8	10.8
2	118	10.2	130	10.6	128	10.1	376	10.3	10.3
3	131	9.9	134	9.7	115	8.0	380	9.2	9.2
4	193	10.5	185	10.0	167	8.8	545	9.8	9.8
5 Most deprived	258	9.0	311	11.0	250	8.7	819	9.6	9.6

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	114	10.8	132	11.1	130	10.2	376	10.7	10.7
2	129	10.3	153	11.6	138	10.0	420	10.6	10.6
3	140	10.2	110	7.7	136	9.3	386	9.0	9.1
4	183	10.6	189	10.7	160	8.8	532	10.0	10.0
5 Most overcrowded	254	8.7	318	11.1	242	8.4	814	9.4	9.4

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	258	9.1	299	10.6	212	7.4	769	9.0	9.0
2	246	10.5	243	10.0	265	10.7	754	10.4	10.4
3	160	9.3	188	10.4	176	9.5	524	9.7	9.7
4	112	11.8	112	11.0	90	8.5	314	10.4	10.4
5 Lowest density	44	9.4	60	11.5	63	11.3	167	10.8	10.8

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	566	9.7	609	10.2	536	8.8	1711	9.6	9.6
2	141	9.6	171	11.1	152	9.7	464	10.1	10.1
3	41	11.9	34	9.3	44	11.8	119	11.0	11.0
4	10	8.6	13	10.5	10	7.7	33	8.9	9.0
5	12	25.1	4	7.6	8	14.4	24	15.4	15.7
6 Most rural	50	9.9	71	12.7	56	9.3	177	10.6	10.6

\* 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 3.5 Primitive neuroectodermal tumours (PNET)

Age-specific & age-standardised rates (per million) for 1969-93 for Eng & Wales wards subdivided by quintiles of socio-economic status, degree of overcrowding and population density and by categories of 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	87	7.5	93	7.2	56	4.2	236	6.2	6.3
2	74	6.4	74	6.0	44	3.5	192	5.3	5.3
3	101	7.6	69	5.0	46	3.2	216	5.2	5.3
4	114	6.2	122	6.6	64	3.4	300	5.4	5.4
5 Most deprived	168	5.9	166	5.9	87	3.0	421	4.9	4.9

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	83	7.9	77	6.5	48	3.8	208	5.9	6.0
2	87	7.0	80	6.0	50	3.6	217	5.5	5.6
3	96	7.0	87	6.1	52	3.6	235	5.5	5.5
4	113	6.5	102	5.8	65	3.6	280	5.3	5.3
5 Most overcrowded	165	5.7	178	6.2	82	2.8	425	4.9	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	160	5.6	169	6.0	87	3.0	416	4.9	4.9
2	147	6.3	158	6.5	80	3.2	385	5.3	5.3
3	139	8.1	111	6.1	67	3.6	317	5.9	5.9
4	69	7.3	54	5.3	46	4.4	169	5.6	5.6
5 Lowest density	29	6.2	32	6.1	17	3.1	78	5.0	5.1

Urban/rural category

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Most urbanised	356	6.1	355	6.0	198	3.3	909	5.1	5.1
2	118	8.0	104	6.8	57	3.6	279	6.1	6.1
3	27	7.8	22	6.0	13	3.5	62	5.7	5.8
4	6	5.2	9	7.3	6	4.6	21	5.7	5.7
5	3	6.3	4	7.6	1	1.8	8	5.1	5.2
6 Most rural	34	6.7	30	5.4	22	3.7	86	5.2	5.3

\* 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