

Table 3.5 (1976-1985) Total leukaemia

Age-specific & age-standardised rates (per million) for 1976-85 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	272	62.0	184	35.9	122	21.2	578	37.9	39.7
2	310	70.8	151	31.2	132	24.5	593	40.6	42.2
3	293	59.0	205	37.8	147	24.1	645	39.1	40.3
4	396	58.2	201	27.8	159	19.6	756	34.2	35.2
5 Most deprived	562	53.7	296	27.8	271	22.7	1129	34.2	34.7

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	264	66.4	167	35.5	116	21.6	547	38.9	41.2
2	312	66.6	188	36.1	145	24.8	645	41.0	42.5
3	312	60.0	174	30.9	142	22.8	628	36.8	37.9
4	373	57.7	206	29.7	158	20.5	737	34.9	36.0
5 Most overcrowded	572	53.6	302	28.0	270	22.3	1144	34.1	34.6

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	597	56.9	328	30.7	269	22.3	1194	35.9	36.6
2	492	56.4	282	30.1	247	23.5	1021	35.7	36.7
3	413	64.3	211	29.7	177	22.3	801	37.3	38.8
4	227	62.9	142	35.0	85	18.8	454	37.3	38.9
5 Lowest density	104	59.6	74	36.5	53	23.0	231	38.0	39.7

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	1251	57.9	693	30.4	587	22.9	2531	36.1	37.0
2	344	61.8	193	31.9	139	20.7	676	36.9	38.1
3	75	57.6	49	33.8	33	20.7	157	36.2	37.4
4	37	83.5	17	34.4	14	25.5	68	45.7	47.8
5	12	67.0	3	14.6	5	21.6	20	32.5	34.4
6 Most rural	114	60.0	82	37.1	53	21.0	249	37.6	39.4

* 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 (1976-1985) Lymphomas and reticuloendothelial neoplasms

Age-specific & age-standardised rates (per million) for 1976-85 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	24	5.5	69	13.5	107	18.6	200	13.1	12.5
2	30	6.9	63	13.0	98	18.2	191	13.1	12.7
3	40	8.1	64	11.8	126	20.7	230	14.0	13.5
4	35	5.1	63	8.7	147	18.2	245	11.1	10.7
5 Most deprived	74	7.1	114	10.7	186	15.6	374	11.3	11.1

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	24	6.0	68	14.5	96	17.8	188	13.4	12.8
2	32	6.8	61	11.7	130	22.2	223	14.2	13.6
3	28	5.4	63	11.2	117	18.8	208	12.2	11.8
4	47	7.3	69	10.0	128	16.6	244	11.6	11.3
5 Most overcrowded	72	6.7	112	10.4	193	16.0	377	11.2	11.0

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	65	6.2	122	11.4	224	18.6	411	12.4	12.1
2	59	6.8	93	9.9	175	16.7	327	11.4	11.1
3	46	7.2	80	11.3	146	18.4	272	12.7	12.3
4	23	6.4	53	13.1	81	17.9	157	12.9	12.5
5 Lowest density	10	5.7	25	12.3	38	16.5	73	12.0	11.5

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	139	6.4	265	11.6	462	18.0	866	12.4	12.0
2	40	7.2	56	9.2	117	17.4	213	11.6	11.3
3	10	7.7	11	7.6	28	17.6	49	11.3	11.0
4	3	6.8	9	18.2	11	20.0	23	15.5	15.0
5	1	5.6	6	29.2	1	4.3	8	13.0	13.0
6 Most rural	10	5.3	26	11.8	45	17.9	81	12.2	11.6

* 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 (1976-1985) CNS & miscellaneous intracranial & intraspinal neoplasms

Age-specific & age-standardised rates (per million) for 1976-85 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	126	28.7	155	30.3	147	25.6	428	28.1	28.2
2	120	27.4	127	26.3	128	23.8	375	25.7	25.8
3	141	28.4	125	23.0	125	20.5	391	23.7	24.0
4	201	29.5	173	24.0	187	23.1	561	25.4	25.5
5 Most deprived	296	28.3	304	28.6	262	21.9	862	26.1	26.3

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	115	28.9	128	27.2	118	21.9	361	25.7	26.0
2	147	31.4	157	30.2	151	25.8	455	28.9	29.1
3	138	26.6	138	24.5	147	23.6	423	24.8	24.9
4	189	29.2	162	23.4	168	21.8	519	24.6	24.8
5 Most overcrowded	295	27.6	299	27.7	265	21.9	859	25.6	25.8

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	266	25.3	273	25.5	251	20.9	790	23.8	23.9
2	266	30.5	266	28.4	247	23.5	779	27.3	27.5
3	198	30.8	179	25.2	189	23.9	566	26.4	26.6
4	115	31.8	111	27.4	102	22.6	328	26.9	27.3
5 Lowest density	39	22.3	55	27.1	60	26.0	154	25.3	25.2

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	623	28.8	610	26.7	574	22.4	1807	25.8	26.0
2	162	29.1	157	25.9	144	21.5	463	25.3	25.5
3	41	31.5	36	24.9	45	28.3	122	28.1	28.2
4	5	11.3	11	22.2	14	25.5	30	20.2	19.7
5	9	50.2	5	24.4	5	21.6	19	30.9	32.1
6 Most rural	44	23.2	65	29.4	67	26.6	176	26.6	26.4

* 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 (1976-1985) Sympathetic nervous system tumours

Age-specific & age-standardised rates (per million) for 1976-85 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	76	17.3	10	2.0	4	0.7	90	5.9	6.7
2	69	15.8	12	2.5	3	0.6	84	5.8	6.3
3	91	18.3	15	2.8	7	1.1	113	6.9	7.4
4	111	16.3	21	2.9	7	0.9	139	6.3	6.7
5 Most deprived	176	16.8	23	2.2	11	0.9	210	6.4	6.6

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	70	17.6	11	2.3	5	0.9	86	6.1	7.0
2	81	17.3	13	2.5	5	0.9	99	6.3	6.9
3	81	15.6	14	2.5	4	0.6	99	5.8	6.2
4	110	17.0	19	2.7	6	0.8	135	6.4	6.8
5 Most overcrowded	181	17.0	24	2.2	12	1.0	217	6.5	6.7

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	169	16.1	26	2.4	10	0.8	205	6.2	6.5
2	158	18.1	16	1.7	10	1.0	184	6.4	6.9
3	105	16.3	17	2.4	3	0.4	125	5.8	6.4
4	66	18.3	19	4.7	5	1.1	90	7.4	8.0
5 Lowest density	25	14.3	3	1.5	4	1.7	32	5.3	5.8

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	349	16.1	48	2.1	21	0.8	418	6.0	6.4
2	111	19.9	21	3.5	5	0.7	137	7.5	8.1
3	29	22.3	8	5.5	3	1.9	40	9.2	9.9
4	6	13.5	1	2.0	0	0.0	7	4.7	5.2
5	2	11.2	1	4.9	0	0.0	3	4.9	5.3
6 Most rural	26	13.7	2	0.9	3	1.2	31	4.7	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 (1976-1985) Retinoblastoma

Age-specific & age-standardised rates (per million) for 1976-85 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	31	7.1	3	0.6	0	0.0	34	2.2	2.6
2	36	8.2	4	0.8	0	0.0	40	2.7	3.0
3	45	9.1	1	0.2	0	0.0	46	2.8	3.1
4	72	10.6	2	0.3	0	0.0	74	3.3	3.6
5 Most deprived	80	7.6	5	0.5	1	0.1	86	2.6	2.7

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	39	9.8	4	0.9	0	0.0	43	3.1	3.6
2	30	6.4	4	0.8	0	0.0	34	2.2	2.4
3	44	8.5	2	0.4	0	0.0	46	2.7	2.9
4	68	10.5	1	0.1	0	0.0	69	3.3	3.6
5 Most overcrowded	83	7.8	4	0.4	1	0.1	88	2.6	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	84	8.0	5	0.5	1	0.1	90	2.7	2.8
2	84	9.6	4	0.4	0	0.0	88	3.1	3.4
3	54	8.4	4	0.6	0	0.0	58	2.7	3.0
4	33	9.1	1	0.2	0	0.0	34	2.8	3.1
5 Lowest density	9	5.2	1	0.5	0	0.0	10	1.6	1.9

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	181	8.4	13	0.6	1	0.0	195	2.8	3.0
2	52	9.3	0	0.0	0	0.0	52	2.8	3.1
3	11	8.5	0	0.0	0	0.0	11	2.5	2.8
4	3	6.8	1	2.0	0	0.0	4	2.7	2.9
5	2	11.2	0	0.0	0	0.0	2	3.2	3.7
6 Most rural	15	7.9	1	0.5	0	0.0	16	2.4	2.8

* 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 (1976-1985) Renal tumours

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Age-specific & age-standardised rates (per million) for 1976-85 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	81	18.5	13	2.5	6	1.0	100	6.6	7.3
2	71	16.2	18	3.7	4	0.7	93	6.4	6.9
3	75	15.1	14	2.6	3	0.5	92	5.6	6.1
4	124	18.2	24	3.3	7	0.9	155	7.0	7.5
5 Most deprived	145	13.9	47	4.4	8	0.7	200	6.1	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	72	18.1	7	1.5	2	0.4	81	5.8	6.7
2	91	19.4	27	5.2	8	1.4	126	8.0	8.7
3	78	15.0	19	3.4	2	0.3	99	5.8	6.2
4	98	15.2	19	2.7	7	0.9	124	5.9	6.3
5 Most overcrowded	157	14.7	44	4.1	9	0.7	210	6.3	6.5

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	143	13.6	39	3.6	8	0.7	190	5.7	6.0
2	158	18.1	39	4.2	4	0.4	201	7.0	7.6
3	99	15.4	26	3.7	12	1.5	137	6.4	6.9
4	63	17.4	9	2.2	2	0.4	74	6.1	6.7
5 Lowest density	33	18.9	3	1.5	2	0.9	38	6.3	7.1

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	332	15.4	86	3.8	19	0.7	437	6.2	6.6
2	91	16.3	22	3.6	6	0.9	119	6.5	7.0
3	20	15.4	4	2.8	2	1.3	26	6.0	6.5
4	10	22.6	2	4.0	0	0.0	12	8.1	8.9
5	4	22.3	0	0.0	1	4.3	5	8.1	8.9
6 Most rural	39	20.5	2	0.9	0	0.0	41	6.2	7.1

* 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 (1976-1985) Hepatic tumours

Age-specific & age-standardised rates (per million) for 1976-85 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	7	1.6	4	0.8	4	0.7	15	1.0	1.0
2	8	1.8	0	0.0	1	0.2	9	0.6	0.7
3	12	2.4	4	0.7	1	0.2	17	1.0	1.1
4	20	2.9	2	0.3	2	0.2	24	1.1	1.2
5 Most deprived	19	1.8	1	0.1	6	0.5	26	0.8	0.8

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	10	2.5	1	0.2	3	0.6	14	1.0	1.1
2	7	1.5	1	0.2	1	0.2	9	0.6	0.6
3	10	1.9	7	1.2	2	0.3	19	1.1	1.2
4	13	2.0	1	0.1	2	0.3	16	0.8	0.8
5 Most overcrowded	26	2.4	1	0.1	6	0.5	33	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	22	2.1	2	0.2	5	0.4	29	0.9	0.9
2	19	2.2	4	0.4	5	0.5	28	1.0	1.0
3	12	1.9	4	0.6	2	0.3	18	0.8	0.9
4	8	2.2	0	0.0	1	0.2	9	0.7	0.8
5 Lowest density	5	2.9	1	0.5	1	0.4	7	1.2	1.3

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	46	2.1	7	0.3	11	0.4	64	0.9	1.0
2	11	2.0	3	0.5	1	0.1	15	0.8	0.9
3	5	3.8	0	0.0	0	0.0	5	1.2	1.3
4	0	0.0	0	0.0	0	0.0	0	0.0	0.0
5	0	0.0	0	0.0	0	0.0	0	0.0	0.0
6 Most rural	4	2.1	1	0.5	2	0.8	7	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 3.5 (1976-1985) Malignant bone tumours

Age-specific & age-standardised rates (per million) for 1976-85 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	3	0.7	26	5.1	63	11.0	92	6.0	5.6
2	5	1.1	19	3.9	73	13.5	97	6.6	6.2
3	5	1.0	30	5.5	77	12.6	112	6.8	6.4
4	4	0.6	35	4.8	80	9.9	119	5.4	5.1
5 Most deprived	9	0.9	44	4.1	123	10.3	176	5.3	5.1

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	3	0.8	26	5.5	56	10.4	85	6.0	5.6
2	1	0.2	22	4.2	85	14.5	108	6.9	6.3
3	3	0.6	29	5.2	69	11.1	101	5.9	5.6
4	10	1.5	31	4.5	79	10.2	120	5.7	5.4
5 Most overcrowded	9	0.8	46	4.3	127	10.5	182	5.4	5.2

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	12	1.1	50	4.7	121	10.1	183	5.5	5.3
2	4	0.5	41	4.4	121	11.5	166	5.8	5.5
3	7	1.1	42	5.9	78	9.8	127	5.9	5.6
4	2	0.6	14	3.5	66	14.6	82	6.7	6.2
5 Lowest density	1	0.6	7	3.5	30	13.0	38	6.3	5.7

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	18	0.8	104	4.6	262	10.2	384	5.5	5.2
2	7	1.3	36	5.9	83	12.4	126	6.9	6.5
3	0	0.0	5	3.5	25	15.7	30	6.9	6.4
4	0	0.0	1	2.0	10	18.2	11	7.4	6.7
5	0	0.0	0	0.0	1	4.3	1	1.6	1.4
6 Most rural	1	0.5	8	3.6	35	13.9	44	6.6	6.0

* 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 (1976-1985) Soft-tissue sarcomas

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Age-specific & age-standardised rates (per million) for 1976-85 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	41	9.3	26	5.1	32	5.6	99	6.5	6.7
2	37	8.5	38	7.9	33	6.1	108	7.4	7.5
3	50	10.1	34	6.3	43	7.1	127	7.7	7.8
4	56	8.2	45	6.2	42	5.2	143	6.5	6.5
5 Most deprived	98	9.4	55	5.2	78	6.5	231	7.0	7.0

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	41	10.3	29	6.2	31	5.8	101	7.2	7.4
2	44	9.4	31	6.0	47	8.0	122	7.8	7.8
3	45	8.7	38	6.8	30	4.8	113	6.6	6.7
4	57	8.8	51	7.4	43	5.6	151	7.2	7.2
5 Most overcrowded	95	8.9	49	4.5	77	6.4	221	6.6	6.6

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	89	8.5	56	5.2	71	5.9	216	6.5	6.5
2	77	8.8	46	4.9	61	5.8	184	6.4	6.5
3	64	10.0	55	7.7	51	6.4	170	7.9	8.0
4	33	9.1	26	6.4	34	7.5	93	7.6	7.7
5 Lowest density	19	10.9	15	7.4	11	4.8	45	7.4	7.7

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	185	8.6	129	5.7	150	5.8	464	6.6	6.7
2	53	9.5	44	7.3	48	7.2	145	7.9	8.0
3	14	10.8	5	3.5	9	5.7	28	6.4	6.6
4	7	15.8	1	2.0	4	7.3	12	8.1	8.4
5	0	0.0	2	9.7	1	4.3	3	4.9	4.7
6 Most rural	23	12.1	17	7.7	16	6.4	56	8.4	8.7

* 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 (1976-1985) Germ cell, trophoblastic and other gonadal neoplasms

Age-specific & age-standardised rates (per million) for 1976-85 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	29	6.6	6	1.2	19	3.3	54	3.5	3.7
2	22	5.0	7	1.4	32	5.9	61	4.2	4.1
3	31	6.2	4	0.7	13	2.1	48	2.9	3.0
4	29	4.3	17	2.4	39	4.8	85	3.8	3.8
5 Most deprived	55	5.3	19	1.8	53	4.4	127	3.8	3.8

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	25	6.3	9	1.9	23	4.3	57	4.1	4.2
2	35	7.5	7	1.3	26	4.4	68	4.3	4.4
3	22	4.2	5	0.9	17	2.7	44	2.6	2.6
4	35	5.4	12	1.7	39	5.1	86	4.1	4.1
5 Most overcrowded	49	4.6	20	1.9	51	4.2	120	3.6	3.6

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	46	4.4	20	1.9	55	4.6	121	3.6	3.6
2	47	5.4	16	1.7	57	5.4	120	4.2	4.2
3	40	6.2	10	1.4	23	2.9	73	3.4	3.5
4	20	5.5	4	1.0	13	2.9	37	3.0	3.1
5 Lowest density	13	7.4	3	1.5	8	3.5	24	3.9	4.1

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	103	4.8	38	1.7	118	4.6	259	3.7	3.7
2	33	5.9	9	1.5	21	3.1	63	3.4	3.5
3	10	7.7	1	0.7	4	2.5	15	3.5	3.6
4	6	13.5	1	2.0	4	7.3	11	7.4	7.6
5	2	11.2	1	4.9	1	4.3	4	6.5	6.8
6 Most rural	12	6.3	3	1.4	8	3.2	23	3.5	3.6

* 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 (1976-1985) Carcinoma & other malignant epithelial neoplasms

Age-specific & age-standardised rates (per million) for 1976-85 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	9	2.1	10	2.0	33	5.7	52	3.4	3.2
2	5	1.1	15	3.1	32	5.9	52	3.6	3.4
3	2	0.4	17	3.1	38	6.2	57	3.5	3.3
4	9	1.3	22	3.0	47	5.8	78	3.5	3.4
5 Most deprived	10	1.0	18	1.7	64	5.4	92	2.8	2.7

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	7	1.8	12	2.6	29	5.4	48	3.4	3.2
2	4	0.9	18	3.5	35	6.0	57	3.6	3.4
3	3	0.6	11	2.0	41	6.6	55	3.2	3.0
4	8	1.2	18	2.6	49	6.3	75	3.6	3.4
5 Most overcrowded	13	1.2	23	2.1	60	5.0	96	2.9	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	12	1.1	20	1.9	73	6.1	105	3.2	3.0
2	10	1.1	19	2.0	59	5.6	88	3.1	2.9
3	6	0.9	21	3.0	41	5.2	68	3.2	3.0
4	7	1.9	10	2.5	30	6.6	47	3.9	3.7
5 Lowest density	0	0.0	12	5.9	11	4.8	23	3.8	3.6

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	28	1.3	52	2.3	154	6.0	234	3.3	3.2
2	3	0.5	15	2.5	28	4.2	46	2.5	2.4
3	1	0.8	3	2.1	12	7.5	16	3.7	3.5
4	1	2.3	1	2.0	7	12.7	9	6.1	5.7
5	0	0.0	1	4.9	0	0.0	1	1.6	1.6
6 Most rural	2	1.1	10	4.5	13	5.2	25	3.8	3.6

* 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 (1976-1985) Other & unspecified malignant neoplasms

Age-specific & age-standardised rates (per million) for 1976-85 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	2	0.5	0	0.0	1	0.2	3	0.2	0.2
2	1	0.2	5	1.0	4	0.7	10	0.7	0.7
3	2	0.4	0	0.0	2	0.3	4	0.2	0.2
4	4	0.6	1	0.1	2	0.2	7	0.3	0.3
5 Most deprived	2	0.2	4	0.4	5	0.4	11	0.3	0.3

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	1	0.3	0	0.0	2	0.4	3	0.2	0.2
2	2	0.4	2	0.4	3	0.5	7	0.4	0.4
3	1	0.2	3	0.5	1	0.2	5	0.3	0.3
4	4	0.6	1	0.1	2	0.3	7	0.3	0.3
5 Most overcrowded	3	0.3	4	0.4	6	0.5	13	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	4	0.4	5	0.5	4	0.3	13	0.4	0.4
2	3	0.3	1	0.1	4	0.4	8	0.3	0.3
3	1	0.2	1	0.1	4	0.5	6	0.3	0.3
4	2	0.6	3	0.7	2	0.4	7	0.6	0.6
5 Lowest density	1	0.6	0	0.0	0	0.0	1	0.2	0.2

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	7	0.3	7	0.3	10	0.4	24	0.3	0.3
2	2	0.4	0	0.0	3	0.4	5	0.3	0.3
3	1	0.8	0	0.0	1	0.6	2	0.5	0.5
4	0	0.0	1	2.0	0	0.0	1	0.7	0.7
5	0	0.0	0	0.0	0	0.0	0	0.0	0.0
6 Most rural	1	0.5	2	0.9	0	0.0	3	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 (1976-1985) All cancer

Age-specific & age-standardised rates (per million) for 1976-85 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	701	159.8	506	98.8	538	93.6	1745	114.4	117.4
2	714	163.1	459	95.0	540	100.2	1713	117.3	119.4
3	787	158.5	513	94.6	582	95.6	1882	114.2	116.2
4	1061	155.8	606	83.9	719	88.8	2386	107.8	109.5
5 Most deprived	1526	145.8	930	87.4	1068	89.4	3524	106.6	107.5

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	671	168.6	462	98.3	481	89.4	1614	114.8	118.8
2	786	167.7	531	102.0	636	108.8	1953	124.1	126.2
3	765	147.2	503	89.5	572	91.7	1840	107.9	109.5
4	1012	156.5	590	85.2	681	88.2	2283	108.1	109.9
5 Most overcrowded	1555	145.7	928	86.1	1077	89.1	3560	106.1	106.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	1509	143.7	946	88.5	1092	90.7	3547	106.7	107.6
2	1377	158.0	827	88.3	990	94.3	3194	111.8	113.5
3	1045	162.6	650	91.5	726	91.7	2421	112.9	115.3
4	599	165.9	392	96.6	421	93.2	1412	115.9	118.6
5 Lowest density	259	148.4	199	98.2	218	94.5	676	111.2	113.7

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	3262	150.9	2052	89.9	2369	92.3	7683	109.6	111.0
2	909	163.3	556	91.8	595	88.7	2060	112.4	114.6
3	217	166.8	122	84.2	162	101.7	501	115.4	117.6
4	78	176.1	46	93.0	64	116.4	188	126.4	128.5
5	32	178.6	19	92.6	15	64.8	66	107.2	112.0
6 Most rural	291	153.2	219	99.1	242	96.1	752	113.5	116.1

* 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 (1976-1985) All cancer minus leukaemia

Age-specific & age-standardised rates (per million) for 1976-85 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	429	97.8	322	62.9	416	72.4	1167	76.5	77.7
2	404	92.3	308	63.7	408	75.7	1120	76.7	77.2
3	494	99.5	308	56.8	435	71.4	1237	75.1	75.9
4	665	97.7	405	56.1	560	69.1	1630	73.7	74.3
5 Most deprived	964	92.1	634	59.6	797	66.7	2395	72.5	72.8

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	407	102.3	295	62.8	365	67.8	1067	75.9	77.6
2	474	101.1	343	65.9	491	84.0	1308	83.1	83.7
3	453	87.2	329	58.5	430	69.0	1212	71.1	71.5
4	639	98.8	384	55.4	523	67.7	1546	73.2	74.0
5 Most overcrowded	983	92.1	626	58.0	807	66.7	2416	72.0	72.3

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	912	86.8	618	57.8	823	68.4	2353	70.8	71.0
2	885	101.5	545	58.2	743	70.8	2173	76.1	76.8
3	632	98.4	439	61.8	549	69.3	1620	75.5	76.5
4	372	103.0	250	61.6	336	74.4	958	78.6	79.7
5 Lowest density	155	88.8	125	61.7	165	71.5	445	73.2	74.0

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	2011	93.1	1359	59.5	1782	69.4	5152	73.5	74.0
2	565	101.5	363	59.9	456	68.0	1384	75.5	76.5
3	142	109.1	73	50.4	129	81.0	344	79.2	80.2
4	41	92.6	29	58.7	50	91.0	120	80.7	80.7
5	20	111.6	16	78.0	10	43.2	46	74.7	77.6
6 Most rural	177	93.2	137	62.0	189	75.1	503	75.9	76.7

* 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 (1976-1985) Lymphoid leukaemia plus unspecified leukaemia

Age-specific & age-standardised rates (per million) for 1976-85 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	231	52.6	155	30.3	78	13.6	464	30.4	32.2
2	270	61.7	133	27.5	93	17.3	496	34.0	35.5
3	254	51.2	176	32.4	110	18.1	540	32.8	33.9
4	325	47.7	166	23.0	112	13.8	603	27.2	28.2
5 Most deprived	471	45.0	246	23.1	199	16.7	916	27.7	28.3

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	224	56.3	142	30.2	80	14.9	446	31.7	33.8
2	263	56.1	161	30.9	105	18.0	529	33.6	35.0
3	268	51.6	151	26.9	101	16.2	520	30.5	31.5
4	324	50.1	168	24.2	115	14.9	607	28.7	29.7
5 Most overcrowded	472	44.2	254	23.6	191	15.8	917	27.3	27.9

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	507	48.3	278	26.0	203	16.9	988	29.7	30.4
2	414	47.5	237	25.3	175	16.7	826	28.9	29.8
3	346	53.8	174	24.5	115	14.5	635	29.6	31.0
4	192	53.2	125	30.8	65	14.4	382	31.3	32.8
5 Lowest density	92	52.7	62	30.6	34	14.7	188	30.9	32.7

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	1054	48.8	586	25.7	421	16.4	2061	29.4	30.3
2	287	51.5	159	26.3	96	14.3	542	29.6	30.7
3	65	50.0	44	30.4	23	14.4	132	30.4	31.6
4	34	76.8	15	30.3	10	18.2	59	39.7	41.8
5	11	61.4	3	14.6	5	21.6	19	30.9	32.5
6 Most rural	100	52.7	69	31.2	37	14.7	206	31.1	32.9

* 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 (1976-1985) Hodgkin's disease

Age-specific & age-standardised rates (per million) for 1976-85 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	4	0.9	18	3.5	65	11.3	87	5.7	5.2
2	3	0.7	24	5.0	58	10.8	85	5.8	5.5
3	8	1.6	22	4.1	71	11.7	101	6.1	5.8
4	10	1.5	17	2.4	86	10.6	113	5.1	4.8
5 Most deprived	13	1.2	51	4.8	93	7.8	157	4.7	4.6

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	0	0.0	22	4.7	56	10.4	78	5.5	5.0
2	6	1.3	23	4.4	71	12.1	100	6.4	5.9
3	4	0.8	16	2.8	73	11.7	93	5.5	5.1
4	12	1.9	21	3.0	74	9.6	107	5.1	4.8
5 Most overcrowded	16	1.5	50	4.6	99	8.2	165	4.9	4.8

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	12	1.1	51	4.8	119	9.9	182	5.5	5.3
2	10	1.1	35	3.7	101	9.6	146	5.1	4.8
3	12	1.9	22	3.1	80	10.1	114	5.3	5.0
4	3	0.8	17	4.2	51	11.3	71	5.8	5.4
5 Lowest density	1	0.6	7	3.5	22	9.5	30	4.9	4.5

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	24	1.1	95	4.2	256	10.0	375	5.3	5.1
2	11	2.0	21	3.5	69	10.3	101	5.5	5.2
3	1	0.8	4	2.8	14	8.8	19	4.4	4.1
4	0	0.0	1	2.0	6	10.9	7	4.7	4.3
5	1	5.6	3	14.6	1	4.3	5	8.1	8.2
6 Most rural	1	0.5	8	3.6	27	10.7	36	5.4	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 3.5 (1976-1985) Non-Hodgkin lymphoma (NHL only)

Age-specific & age-standardised rates (per million) for 1976-85 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	19	4.3	42	8.2	37	6.4	98	6.4	6.3
2	21	4.8	35	7.2	32	5.9	88	6.0	6.0
3	27	5.4	39	7.2	45	7.4	111	6.7	6.7
4	20	2.9	44	6.1	52	6.4	116	5.2	5.2
5 Most deprived	45	4.3	62	5.8	80	6.7	187	5.7	5.6

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	21	5.3	39	8.3	36	6.7	96	6.8	6.8
2	21	4.5	35	6.7	50	8.6	106	6.7	6.6
3	17	3.3	43	7.6	33	5.3	93	5.5	5.4
4	32	4.9	45	6.5	49	6.3	126	6.0	5.9
5 Most overcrowded	41	3.8	60	5.6	78	6.5	179	5.3	5.3

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	43	4.1	69	6.5	91	7.6	203	6.1	6.0
2	36	4.1	52	5.6	61	5.8	149	5.2	5.2
3	28	4.4	52	7.3	57	7.2	137	6.4	6.3
4	17	4.7	33	8.1	21	4.6	71	5.8	5.8
5 Lowest density	8	4.6	16	7.9	16	6.9	40	6.6	6.5

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	90	4.2	156	6.8	176	6.9	422	6.0	6.0
2	24	4.3	34	5.6	41	6.1	99	5.4	5.3
3	8	6.1	7	4.8	9	5.7	24	5.5	5.5
4	2	4.5	7	14.2	5	9.1	14	9.4	9.3
5	0	0.0	3	14.6	0	0.0	3	4.9	4.9
6 Most rural	8	4.2	15	6.8	15	6.0	38	5.7	5.7

* 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 (1976-1985) Retinoblastoma - unilateral

Age-specific & age-standardised rates (per million) for 1976-85 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	21	4.8	3	0.6	0	0.0	24	1.6	1.8
2	18	4.1	4	0.8	0	0.0	22	1.5	1.6
3	28	5.6	1	0.2	0	0.0	29	1.8	1.9
4	38	5.6	2	0.3	0	0.0	40	1.8	2.0
5 Most deprived	48	4.6	5	0.5	1	0.1	54	1.6	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	28	7.0	4	0.9	0	0.0	32	2.3	2.6
2	22	4.7	4	0.8	0	0.0	26	1.7	1.8
3	20	3.8	2	0.4	0	0.0	22	1.3	1.4
4	39	6.0	1	0.1	0	0.0	40	1.9	2.1
5 Most overcrowded	44	4.1	4	0.4	1	0.1	49	1.5	1.5

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	47	4.5	5	0.5	1	0.1	53	1.6	1.7
2	51	5.9	4	0.4	0	0.0	55	1.9	2.1
3	33	5.1	4	0.6	0	0.0	37	1.7	1.9
4	17	4.7	1	0.2	0	0.0	18	1.5	1.7
5 Lowest density	5	2.9	1	0.5	0	0.0	6	1.0	1.1

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	106	4.9	13	0.6	1	0.0	120	1.7	1.8
2	28	5.0	0	0.0	0	0.0	28	1.5	1.7
3	7	5.4	0	0.0	0	0.0	7	1.6	1.8
4	1	2.3	1	2.0	0	0.0	2	1.3	1.4
5	1	5.6	0	0.0	0	0.0	1	1.6	1.9
6 Most rural	10	5.3	1	0.5	0	0.0	11	1.7	1.9

* 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 (1976-1985) Retinoblastoma - bilateral

Age-specific & age-standardised rates (per million) for 1976-85 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	10	2.3	0	0.0	0	0.0	10	0.7	0.8
2	18	4.1	0	0.0	0	0.0	18	1.2	1.4
3	16	3.2	0	0.0	0	0.0	16	1.0	1.1
4	34	5.0	0	0.0	0	0.0	34	1.5	1.7
5 Most deprived	30	2.9	0	0.0	0	0.0	30	0.9	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	11	2.8	0	0.0	0	0.0	11	0.8	0.9
2	8	1.7	0	0.0	0	0.0	8	0.5	0.6
3	24	4.6	0	0.0	0	0.0	24	1.4	1.5
4	28	4.3	0	0.0	0	0.0	28	1.3	1.4
5 Most overcrowded	37	3.5	0	0.0	0	0.0	37	1.1	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	36	3.4	0	0.0	0	0.0	36	1.1	1.1
2	32	3.7	0	0.0	0	0.0	32	1.1	1.2
3	20	3.1	0	0.0	0	0.0	20	0.9	1.0
4	16	4.4	0	0.0	0	0.0	16	1.3	1.5
5 Lowest density	4	2.3	0	0.0	0	0.0	4	0.7	0.8

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	72	3.3	0	0.0	0	0.0	72	1.0	1.1
2	24	4.3	0	0.0	0	0.0	24	1.3	1.4
3	4	3.1	0	0.0	0	0.0	4	0.9	1.0
4	2	4.5	0	0.0	0	0.0	2	1.3	1.5
5	1	5.6	0	0.0	0	0.0	1	1.6	1.9
6 Most rural	5	2.6	0	0.0	0	0.0	5	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 (1976-1985) Osteosarcoma

Age-specific & age-standardised rates (per million) for 1976-85 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	0	0.0	8	1.6	39	6.8	47	3.1	2.8
2	1	0.2	4	0.8	39	7.2	44	3.0	2.8
3	2	0.4	5	0.9	43	7.1	50	3.0	2.8
4	2	0.3	16	2.2	47	5.8	65	2.9	2.8
5 Most deprived	0	0.0	16	1.5	79	6.6	95	2.9	2.7

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	0	0.0	7	1.5	35	6.5	42	3.0	2.7
2	0	0.0	6	1.2	42	7.2	48	3.0	2.8
3	1	0.2	8	1.4	42	6.7	51	3.0	2.8
4	3	0.5	8	1.2	46	6.0	57	2.7	2.5
5 Most overcrowded	1	0.1	20	1.9	82	6.8	103	3.1	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	3	0.3	17	1.6	80	6.6	100	3.0	2.8
2	1	0.1	12	1.3	70	6.7	83	2.9	2.7
3	1	0.2	15	2.1	43	5.4	59	2.8	2.6
4	0	0.0	4	1.0	36	8.0	40	3.3	3.0
5 Lowest density	0	0.0	1	0.5	18	7.8	19	3.1	2.8

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	4	0.2	31	1.4	158	6.2	193	2.8	2.6
2	1	0.2	13	2.1	52	7.8	66	3.6	3.4
3	0	0.0	3	2.1	14	8.8	17	3.9	3.6
4	0	0.0	0	0.0	4	7.3	4	2.7	2.4
5	0	0.0	0	0.0	1	4.3	1	1.6	1.4
6 Most rural	0	0.0	2	0.9	18	7.1	20	3.0	2.7

* 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 (1976-1985) Ewing's sarcoma

Age-specific & age-standardised rates (per million) for 1976-85 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	2	0.5	17	3.3	22	3.8	41	2.7	2.5
2	4	0.9	15	3.1	30	5.6	49	3.4	3.2
3	2	0.4	21	3.9	31	5.1	54	3.3	3.1
4	1	0.1	17	2.4	29	3.6	47	2.1	2.0
5 Most deprived	7	0.7	23	2.2	40	3.3	70	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	2	0.5	19	4.0	19	3.5	40	2.8	2.7
2	1	0.2	14	2.7	39	6.7	54	3.4	3.2
3	2	0.4	17	3.0	24	3.8	43	2.5	2.4
4	5	0.8	21	3.0	29	3.8	55	2.6	2.5
5 Most overcrowded	6	0.6	22	2.0	41	3.4	69	2.1	2.0

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	7	0.7	28	2.6	37	3.1	72	2.2	2.1
2	2	0.2	24	2.6	45	4.3	71	2.5	2.4
3	4	0.6	26	3.7	34	4.3	64	3.0	2.9
4	2	0.6	9	2.2	25	5.5	36	3.0	2.8
5 Lowest density	1	0.6	6	3.0	11	4.8	18	3.0	2.8

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	10	0.5	65	2.8	94	3.7	169	2.4	2.3
2	5	0.9	19	3.1	30	4.5	54	2.9	2.8
3	0	0.0	2	1.4	8	5.0	10	2.3	2.1
4	0	0.0	1	2.0	5	9.1	6	4.0	3.7
5	0	0.0	0	0.0	0	0.0	0	0.0	0.0
6 Most rural	1	0.5	6	2.7	15	6.0	22	3.3	3.1

* 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 (1976-1985) Astrocytoma

Age-specific & age-standardised rates (per million) for 1976-85 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	43	9.8	53	10.3	64	11.1	160	10.5	10.4
2	29	6.6	49	10.1	57	10.6	135	9.2	9.1
3	35	7.1	47	8.7	44	7.2	126	7.6	7.6
4	77	11.3	66	9.1	78	9.6	221	10.0	10.0
5 Most deprived	98	9.4	119	11.2	104	8.7	321	9.7	9.8

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	38	9.6	44	9.4	51	9.5	133	9.5	9.5
2	40	8.5	68	13.1	60	10.3	168	10.7	10.6
3	37	7.1	39	6.9	64	10.3	140	8.2	8.1
4	71	11.0	66	9.5	71	9.2	208	9.8	9.9
5 Most overcrowded	96	9.0	117	10.8	101	8.4	314	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	84	8.0	103	9.6	92	7.6	279	8.4	8.4
2	93	10.7	98	10.5	108	10.3	299	10.5	10.5
3	54	8.4	74	10.4	77	9.7	205	9.6	9.5
4	37	10.2	42	10.4	39	8.6	118	9.7	9.7
5 Lowest density	14	8.0	17	8.4	31	13.4	62	10.2	9.9

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	195	9.0	232	10.2	231	9.0	658	9.4	9.4
2	47	8.4	60	9.9	55	8.2	162	8.8	8.8
3	18	13.8	10	6.9	20	12.6	48	11.1	11.1
4	2	4.5	5	10.1	8	14.6	15	10.1	9.7
5	3	16.7	2	9.7	5	21.6	10	16.2	16.0
6 Most rural	17	9.0	25	11.3	28	11.1	70	10.6	10.5

* 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 (1976-1985) Primitive neuroectodermal tumours (PNET)

Age-specific & age-standardised rates (per million) for 1976-85 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	34	7.7	42	8.2	26	4.5	102	6.7	6.8
2	36	8.2	32	6.6	19	3.5	87	6.0	6.1
3	33	6.6	23	4.2	23	3.8	79	4.8	4.9
4	33	4.8	42	5.8	26	3.2	101	4.6	4.6
5 Most deprived	75	7.2	67	6.3	40	3.3	182	5.5	5.6

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	32	8.0	34	7.2	22	4.1	88	6.3	6.5
2	36	7.7	34	6.5	25	4.3	95	6.0	6.2
3	35	6.7	36	6.4	23	3.7	94	5.5	5.6
4	39	6.0	34	4.9	28	3.6	101	4.8	4.9
5 Most overcrowded	69	6.5	68	6.3	36	3.0	173	5.2	5.2

Population density

	Age (years)								ASR*
	0-4		5-9		10-14		0-14		
	No	Rate	No	Rate	No	Rate	No	Rate	
1 Highest density	57	5.4	62	5.8	35	2.9	154	4.6	4.7
2	58	6.7	62	6.6	37	3.5	157	5.5	5.6
3	55	8.6	48	6.8	34	4.3	137	6.4	6.5
4	34	9.4	20	4.9	21	4.6	75	6.2	6.3
5 Lowest density	7	4.0	14	6.9	7	3.0	28	4.6	4.7

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	139	6.4	143	6.3	85	3.3	367	5.2	5.3
2	50	9.0	40	6.6	29	4.3	119	6.5	6.6
3	9	6.9	7	4.8	6	3.8	22	5.1	5.2
4	2	4.5	3	6.1	3	5.5	8	5.4	5.3
5	1	5.6	0	0.0	0	0.0	1	1.6	1.9
6 Most rural	10	5.3	13	5.9	11	4.4	34	5.1	5.2

* 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