

USA, Massachusetts, NH White (1998-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	Number of cases in age groups									
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19
I LEUKAEMIA	22	164	90	78	85	354	439	56.8	51.6	1.1	1.2	30	162	75	51	51	318	369	55.2	47.4		
a. Lymphoid	14	149	84	56	57	303	360	49.0	43.1	1.2	1.3	17	143	61	35	22	256	278	44.8	36.7		
b. Acute myeloid	6	12	3	15	17	36	53	5.6	5.8	0.8	0.8	10	14	11	13	21	48	69	8.0	8.1		
c. CMD	0	1	1	6	6	8	14	1.0	1.3	1.3	1.1	0	2	3	1	7	6	13	1.0	1.4		
d. MDS & other	1	2	1	0	4	4	8	0.7	0.9	0.8	1.3	1	2	0	2	1	5	6	0.8	0.7		
e. Unspecified	1	0	1	1	1	3	4	0.4	0.4	1.0	1.3	2	1	0	0	0	3	3	0.6	0.5		
II LYMPHOMA & RELATED	3	16	45	83	165	147	312	19.8	30.0	1.4	1.3	4	14	19	65	143	102	245	14.5	24.3		
a. Hodgkin	0	1	11	37	93	49	142	6.2	13.0	1.2	1.0	0	0	4	36	104	40	144	5.1	13.5		
b. Non-Hodgkin except BL	1	5	23	30	54	59	113	8.0	11.0	1.6	1.6	1	9	10	18	32	38	70	5.7	7.3		
c. Burkitt (BL)	0	7	10	13	14	30	44	4.3	4.6	2.7	2.9	0	0	4	7	4	11	15	1.5	1.5		
d. Lymphoreticular	2	3	1	3	2	9	11	1.4	1.3	0.7	0.7	3	5	1	4	2	13	15	2.2	1.9		
e. Unspecified	0	0	0	0	2	0	2	-	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1		
III CNS NEOPLASMS †	9	106	117	101	106	333	439	50.1	48.2	1.1	1.1	17	85	94	96	93	292	385	46.1	44.2		
a. Ependymoma	4	12	8	10	10	34	44	5.3	5.0	1.3	1.3	4	12	5	5	7	26	33	4.5	4.1		
b. Astrocytoma	2	55	55	39	40	151	191	23.1	21.5	1.2	1.2	5	39	42	43	28	129	157	20.3	18.3		
c. CNS embryonal	1	22	15	14	11	52	63	8.1	7.2	1.0	1.1	8	16	17	10	6	51	57	8.5	7.1		
d. Other gliomas	1	9	22	18	21	50	71	7.1	7.4	1.1	1.3	0	14	14	17	10	45	55	7.0	6.3		
e. Other specified	1	4	14	19	23	38	61	5.2	6.1	1.2	0.9	0	2	10	19	37	31	68	4.3	6.7		
f. Unspecified CNS	0	4	3	1	1	8	9	1.3	1.1	0.8	0.6	0	2	6	2	5	10	15	1.5	1.6		
IV NEUROBLASTOMA	46	49	12	6	4	113	117	20.2	16.0	1.1	1.1	36	47	10	9	3	102	105	18.9	14.9		
a. (Ganglio)neuroblastoma	46	49	12	4	3	111	114	19.9	15.7	1.1	1.1	36	47	9	9	2	101	103	18.7	14.7		
b. Peripheral nervous	0	0	0	2	1	2	3	0.2	0.3	2.0	1.5	0	0	1	0	1	1	2	0.1	0.2		
V RETINOBLASTOMA	9	12	1	0	0	22	22	4.1	3.2	0.8	0.8	11	14	1	0	0	26	26	5.0	3.9		
VI RENAL TUMOURS	8	34	13	2	3	57	60	9.9	8.0	0.9	0.9	7	30	21	4	3	62	65	10.9	8.7		
a. Nephroblastoma	8	34	11	1	1	54	55	9.5	7.5	0.9	0.9	7	30	20	2	1	59	60	10.5	8.2		
b. Renal carcinoma	0	0	2	1	2	3	5	0.4	0.5	1.0	1.0	0	0	1	2	2	3	5	0.4	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	6	10	1	1	1	18	19	3.3	2.6	1.6	1.4	2	8	1	0	3	11	14	2.1	1.9		
a. Hepatoblastoma	6	10	1	0	0	17	17	3.1	2.4	1.7	1.5	2	8	0	0	1	10	11	2.0	1.6		
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.1	0.2	1.0	0.7	0	0	1	0	2	1	3	0.1	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	4	12	39	37	55	92	7.1	8.8	1.1	1.2	0	4	10	36	24	50	74	6.8	7.5		
a. Osteosarcoma	0	1	7	20	21	28	49	3.6	4.6	1.1	1.2	0	0	4	21	17	25	42	3.2	4.1		
b. Chondrosarcoma	0	0	0	1	3	1	4	0.1	0.4	-	4.0	0	0	0	0	1	0	1	-	0.1		
c. Ewing & related	0	3	5	14	12	22	34	2.9	3.3	1.1	1.3	0	4	4	12	6	20	26	2.9	2.8		
d. Other specified	0	0	0	2	1	2	3	0.2	0.3	0.5	0.8	0	0	1	3	0	4	4	0.5	0.4		
e. Unspecified	0	0	0	2	0	2	2	0.2	0.2	2.0	2.0	0	0	1	0	0	1	1	0.1	0.1		
IX SOFT TISSUE SARCOMA	11	21	20	20	51	72	123	11.2	13.2	1.2	1.3	8	16	15	20	34	59	93	9.5	10.4		
a. Rhabdomyosarcoma	3	18	14	6	10	41	51	6.6	6.0	1.7	1.7	3	10	5	6	6	24	30	4.0	3.7		
b. Fibrosarcoma	4	0	0	1	5	5	10	0.9	1.1	1.0	1.1	2	1	0	2	4	5	9	0.8	1.0		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.2	0.2		
d. Other specified	3	2	5	10	25	20	45	2.8	4.4	0.7	0.9	3	4	10	12	19	29	48	4.4	5.1		
e. Unspecified	1	1	1	3	11	6	17	0.9	1.7	-	3.4	0	0	0	0	5	0	5	-	0.5		
X GERM CELL TUMOURS	11	2	3	8	110	24	134	3.8	12.7	0.5	1.6	16	7	12	13	36	48	84	7.9	9.4		
a. CNS germ cell ‡	2	1	1	7	9	11	20	1.5	2.0	1.1	1.5	4	0	3	3	3	10	13	1.6	1.5		
b. Other extragonadal	7	0	0	0	1	7	8	1.3	1.1	0.4	0.4	11	6	1	0	1	18	19	3.5	2.8		
c. Gonadal germ cell	2	1	0	1	98	4	102	0.7	9.2	0.3	2.9	0	1	7	8	19	16	35	2.2	3.5		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	8	2	10	0.3	0.9		
e. Unspecified gonadal	0	0	2	0	2	2	4	0.3	0.4	1.0	0.6	1	0	1	0	5	2	7	0.3	0.7		
XI CARCINOMA & MELANOMA	0	0	7	26	94	33	127	4.1	11.5	0.6	0.5	1	3	6	50	191	60	251	8.0	23.6		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	1	1	2	0.2	0.2		
b. Thyroid	0	0	3	7	27	10	37	1.3	3.4	0.3	0.3	0	0	3	28	110	31	141	4.0	13.1		
c. Nasopharyngeal	0	0	0	1	0	1	1	0.1	0.1	-	0.3	0	0	0	0	3	0	3	-	0.3		
d. Melanoma	0	0	2	9	36	11	47	1.4	4.2	0.6	0.7	1	1	2	13	54	17	71	2.3	6.7		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
f. Other & unspecified	0	0	2	9	31	11	42	1.4	3.8	1.0	1.3	0	1	1	9	22	11	33	1.5	3.2		
XII OTHER & UNSPECIFIED	0	1	0	0	2	1	3	0.2	0.3	0.3	0.4	1	0	1	2	4	4	8	0.6	0.8		
a. Other specified	0	1	0	0	1	1	2	0.2	0.2	1.0	0.4	0	0	1	0	4	1	5	0.1	0.5		
b. Other unspecified	0	0	0	0	1	0	1	-	0.1	0.0	0.3	1	0	0	2	0	3	3	0.4	0.3		
TOTAL	125	419	321	364	658	1229	1887	190.6	206.0	1.1	1.1	133	390	265	346	585	1134	1719	185.4	197.1		

† includes 73 non-malignant in males and 84 non-malignant in females ‡ includes 2 non-malignant in males and 3 non-malignant in females

Please consult the quality indicators for this registry

USA, Massachusetts, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	401 887	383 932
	1-4	1 670 101	1 594 917
	5-9	2 273 237	2 160 631
	10-14	2 435 790	2 306 443
	15-19	2 537 071	2 465 268
Total	0-14	6 781 015	6 445 923
	0-19	9 318 086	8 911 191
Average annual population	0-14	452 068	429 728
	0-19	621 206	594 079

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