

USA, Rhode Island, NH White (1998-2012)

	Number of cases							Percentage				Incidence rates per million person-years							MV % 0-19	DCO % 0-19			
	Age group							0-14		0-19		Age-specific					Cumulative						
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14	ASR			0-19	0-14	0-19
I LEUKAEMIA	4	46	40	22	25	112	137	29.5	100.0	24.5	100.0	34.4	92.2	57.6	29.4	28.8	58.6	51.9	842	985	98.5	0.0	
a. Lymphoid	3	40	32	16	12	91	103	23.9	81.3	18.4	75.2	25.8	80.2	46.1	21.4	13.8	48.1	40.4	687	756	99.0	0.0	
b. Acute myeloid	0	4	5	5	8	14	22	3.7	12.5	3.9	16.1	-	8.0	7.2	6.7	9.2	6.8	7.3	102	148	100.0	0.0	
c. CMD	0	0	2	1	3	3	6	0.8	2.7	1.1	4.4	-	-	2.9	1.3	3.5	1.3	1.8	21	38	83.3	0.0	
d. MDS & other	0	1	1	0	1	2	3	0.5	1.8	0.5	2.2	-	2.0	1.4	-	1.2	1.1	1.1	15	21	100.0	0.0	
e. Unspecified	1	1	0	0	1	2	3	0.5	1.8	0.5	2.2	8.6	2.0	-	-	1.2	1.3	1.2	16	22	100.0	0.0	
II LYMPHOMA & RELATED	3	3	11	20	40	37	77	9.7	100.0	13.8	100.0	25.8	6.0	15.8	26.8	46.0	16.7	23.3	262	492	98.7	0.0	
a. Hodgkin	0	1	4	13	31	18	49	4.7	48.6	8.8	63.6	-	2.0	5.8	17.4	35.7	7.5	13.9	124	302	100.0	0.0	
b. Non-Hodgkin except BL	0	0	4	4	7	8	15	2.1	21.6	2.7	19.5	-	-	5.8	5.4	8.1	3.4	4.5	56	96	100.0	0.0	
c. Burkitt (BL)	0	2	2	2	2	6	8	1.6	16.2	1.4	10.4	-	4.0	2.9	2.7	2.3	3.0	2.8	44	56	100.0	0.0	
d. Lymphoreticular	3	0	0	0	0	3	3	0.8	8.1	0.5	3.9	25.8	-	-	-	-	1.9	1.5	24	24	100.0	0.0	
e. Unspecified	0	0	1	1	0	2	2	0.5	5.4	0.4	2.6	-	-	1.4	1.3	-	0.9	0.7	14	14	50.0	0.0	
III CNS NEOPLASMS †	8	29	33	29	23	99	122	26.1	100.0	21.8	100.0	68.8	58.1	47.5	38.8	26.5	49.9	44.6	732	865	91.0	0.0	
a. Ependymoma	2	2	2	2	1	8	9	2.1	8.1	1.6	7.4	17.2	4.0	2.9	2.7	1.2	4.2	3.5	60	66	100.0	0.0	
b. Astrocytoma	2	16	20	12	8	50	58	13.2	50.5	10.4	47.5	17.2	32.1	28.8	16.1	9.2	25.3	21.7	371	417	93.1	0.0	
c. CNS embryonal	3	4	5	4	1	16	17	4.2	16.2	3.0	13.9	25.8	8.0	7.2	5.4	1.2	8.3	6.7	120	125	100.0	0.0	
d. Other gliomas	0	3	1	2	3	6	9	1.6	6.1	1.6	7.4	-	6.0	1.4	2.7	3.5	3.1	3.2	45	62	66.7	0.0	
e. Other specified	1	4	5	9	9	19	28	5.0	19.2	5.0	23.0	8.6	8.0	7.2	12.0	10.4	9.0	9.3	137	189	89.3	0.0	
f. Unspecified CNS	0	0	0	0	1	0	1	-	-	0.2	0.8	-	-	-	-	1.2	-	0.3	-	6	6	0.0	0.0
IV NEUROBLASTOMA	9	14	4	0	1	27	28	7.1	100.0	5.0	100.0	77.4	28.1	5.8	-	1.2	16.3	12.9	216	221	100.0	0.0	
a. (Ganglio)neuroblastoma	9	14	4	0	1	27	28	7.1	100.0	5.0	100.0	77.4	28.1	5.8	-	1.2	16.3	12.9	216	221	100.0	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V RETINOBLASTOMA	3	4	0	0	0	7	7	1.8	100.0	1.3	100.0	25.8	8.0	-	-	-	4.4	3.4	57	57	85.7	0.0	
VI RENAL TUMOURS	4	7	9	0	2	20	22	5.3	100.0	3.9	100.0	34.4	14.0	13.0	-	2.3	11.1	9.1	154	166	100.0	0.0	
a. Nephroblastoma	4	7	9	0	0	20	20	5.3	100.0	3.6	90.9	34.4	14.0	13.0	-	-	11.1	8.6	154	154	100.0	0.0	
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.4	9.1	-	-	-	-	2.3	-	0.5	-	12	12	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	2	1	1	1	3	5	8	1.3	100.0	1.4	100.0	17.2	2.0	1.4	1.3	3.5	2.7	2.9	38	56	100.0	0.0	
a. Hepatoblastoma	2	1	0	1	0	4	4	1.1	80.0	0.7	50.0	17.2	2.0	-	1.3	-	2.3	1.8	31	31	100.0	0.0	
b. Hepatic carcinoma	0	0	1	0	3	1	4	0.3	20.0	0.7	50.0	-	-	1.4	-	3.5	0.5	1.1	7	24	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	1	3	9	5	13	18	3.4	100.0	3.2	100.0	-	2.0	4.3	12.0	5.8	5.5	5.6	90	119	100.0	0.0	
a. Osteosarcoma	0	0	2	5	3	7	10	1.8	53.8	1.8	55.6	-	-	2.9	6.7	3.5	2.9	3.0	48	65	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Ewing & related	0	1	1	2	2	4	6	1.1	30.8	1.1	33.3	-	2.0	1.4	2.7	2.3	1.9	2.0	29	40	100.0	0.0	
d. Other specified	0	0	0	1	0	1	1	0.3	7.7	0.2	5.6	-	-	-	1.3	-	0.4	0.3	7	7	100.0	0.0	
e. Unspecified	0	0	0	1	0	1	1	0.3	7.7	0.2	5.6	-	-	-	1.3	-	0.4	0.3	7	7	100.0	0.0	
IX SOFT TISSUE SARCOMA	1	9	5	8	11	23	34	6.1	100.0	6.1	100.0	8.6	18.0	7.2	10.7	12.7	11.7	11.9	171	234	100.0	0.0	
a. Rhabdomyosarcoma	0	5	3	3	0	11	11	2.9	47.8	2.0	32.4	-	10.0	4.3	4.0	-	5.7	4.4	82	82	100.0	0.0	
b. Fibrosarcoma	1	1	0	0	1	2	3	0.5	8.7	0.5	8.8	8.6	2.0	-	-	1.2	1.3	1.2	16	22	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	3	1	4	10	8	18	2.1	34.8	3.2	52.9	-	6.0	1.4	5.4	11.5	3.9	5.6	58	116	100.0	0.0	
e. Unspecified	0	0	1	1	0	2	2	0.5	8.7	0.4	5.9	-	-	1.4	1.3	-	0.9	0.7	14	14	100.0	0.0	
X GERM CELL TUMOURS	4	3	2	5	20	14	34	3.7	100.0	6.1	100.0	34.4	6.0	2.9	6.7	23.0	7.3	10.8	105	220	100.0	0.0	
a. CNS germ cell	0	0	1	2	2	3	5	0.8	21.4	0.9	14.7	-	-	1.4	2.7	2.3	1.2	1.5	21	32	100.0	0.0	
b. Other extragonadal	4	2	0	0	1	6	7	1.6	42.9	1.3	20.6	34.4	4.0	-	-	1.2	3.8	3.2	49	55	100.0	0.0	
c. Gonadal germ cell	0	1	1	2	16	4	20	1.1	28.6	3.6	58.8	-	2.0	1.4	2.7	18.4	1.9	5.6	29	121	100.0	0.0	
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.3	7.1	0.4	5.9	-	-	-	1.3	1.2	0.4	0.6	7	12	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
XI CARCINOMA & MELANOMA	1	0	3	17	49	21	70	5.5	100.0	12.5	100.0	8.6	-	4.3	22.7	56.4	8.6	19.4	143	425	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	2	10	29	12	41	3.2	57.1	7.3	58.6	-	-	2.9	13.4	33.4	4.8	11.2	81	248	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Melanoma	1	0	1	4	10	6	16	1.6	28.6	2.9	22.9	8.6	-	1.4	5.4	11.5	2.6	4.6	42	100	100.0	0.0	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	0	0	0	3	10	3	13	0.8	14.3	2.3	18.6	-	-	-	4.0	11.5	1.2	3.5	20	78	100.0	0.0	
XII OTHER & UNSPECIFIED	1	1	0	0	0	2	2	0.5	100.0	0.4	100.0	8.6	2.0	-	-	-	1.3	1.0	16	16	50.0	50.0	
a. Other specified	0	1	0	0	0	1	1	0.3	50.0	0.2	50.0	-	2.0	-	-	-	0.6	0.5	8	8	100.0	0.0	
b. Other unspecified	1	0	0	0	0	1	1	0.3	50.0	0.2	50.0	8.6	-	-	-	-	0.6	0.5	8	8	0.0	100.0	
TOTAL	40	118	111	111	179	380	559	100.0	100.0	100.0	100.0	343.8	236.5	159.9	148.5	206.0	194.1	196.8	2826	3856	97.1	0.2	

† includes 26 non-malignant

Please consult the quality indicators for this registry

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	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	1	26	20	15	18	62	80	62.6	57.7	1.2	1.4	3	20	20	7	7	50	57	54.4	45.8		
a. Lymphoid	1	22	16	13	10	52	62	52.5	45.8	1.3	1.5	2	18	16	3	2	39	41	43.5	34.8		
b. Acute myeloid	0	2	2	2	4	6	10	5.8	6.5	0.8	0.8	0	2	3	3	4	8	12	7.8	8.2		
c. CMD	0	0	2	0	3	2	5	1.8	2.9	2.0	5.0	0	0	0	1	0	1	1	0.8	0.6		
d. MDS & other	0	1	0	0	0	1	1	1.2	1.0	1.0	0.5	0	0	1	0	1	1	2	1.0	1.3		
e. Unspecified	0	1	0	0	1	1	2	1.2	1.5	1.0	2.0	1	0	0	0	0	1	1	1.3	1.0		
II LYMPHOMA & RELATED	1	2	7	8	18	18	36	16.1	21.7	0.9	0.9	2	1	4	12	22	19	41	17.3	24.9		
a. Hodgkin	0	0	2	4	13	6	19	4.8	10.4	0.5	0.6	0	1	2	9	18	12	30	10.4	17.5		
b. Non-Hodgkin except BL	0	0	4	2	4	6	10	5.1	6.0	3.0	2.0	0	0	0	2	3	2	5	1.6	2.8		
c. Burkitt (BL)	0	2	1	2	1	5	6	4.9	4.3	5.0	3.0	0	0	1	0	1	1	2	1.0	1.3		
d. Lymphoreticular	1	0	0	0	0	1	1	1.2	1.0	0.5	0.5	2	0	0	0	0	2	2	2.6	2.0		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	0	2	2	1.8	1.4		
III CNS NEOPLASMS †	5	18	15	18	7	56	63	55.4	46.5	1.3	1.1	3	11	18	11	16	43	59	44.1	42.5		
a. Ependymoma	2	2	1	1	1	6	7	6.6	5.6	3.0	3.5	0	0	1	1	0	2	2	1.8	1.4		
b. Astrocytoma	1	9	10	7	2	27	29	26.6	21.6	1.2	1.0	1	7	10	5	6	23	29	23.9	21.6		
c. CNS embryonal	1	3	1	2	1	7	8	7.3	6.2	0.8	0.9	2	1	4	2	0	9	9	9.3	7.2		
d. Other gliomas	0	2	0	1	1	3	4	3.2	3.0	1.0	0.8	0	1	1	1	2	3	5	3.0	3.4		
e. Other specified	1	2	3	7	2	13	15	11.7	10.1	2.2	1.2	0	2	2	2	7	6	13	6.1	8.4		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.5		
IV NEUROBLASTOMA	5	10	1	0	0	16	16	19.3	15.0	1.5	1.3	4	4	3	0	1	11	12	13.2	10.7		
a. (Ganglio)neuroblastoma	5	10	1	0	0	16	16	19.3	15.0	1.5	1.3	4	4	3	0	1	11	12	13.2	10.7		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	1	2	0	0	0	3	3	3.7	2.9	0.8	0.8	2	2	0	0	0	4	4	5.2	4.0		
VI RENAL TUMOURS	0	3	3	0	0	6	6	6.4	5.0	0.4	0.4	4	4	6	0	2	14	16	16.1	13.5		
a. Nephroblastoma	0	3	3	0	0	6	6	6.4	5.0	0.4	0.4	4	4	6	0	0	14	14	16.1	12.4		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.0		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	0	1	1	1	2	3	5	2.9	3.3	1.5	1.7	2	0	0	0	1	2	3	2.6	2.5		
a. Hepatoblastoma	0	1	0	1	0	2	2	2.0	1.5	1.0	1.0	2	0	0	0	0	2	2	2.6	2.0		
b. Hepatic carcinoma	0	0	1	0	2	1	3	0.9	1.7	-	3.0	0	0	0	0	1	0	1	-	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	1	6	2	7	9	5.4	5.2	1.2	1.0	0	1	2	3	3	6	9	5.6	5.9		
a. Osteosarcoma	0	0	1	3	2	4	6	3.2	3.5	1.3	1.5	0	0	1	2	1	3	4	2.6	2.5		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	1	0	1	1	0.8	0.6	0.3	0.2	0	1	1	1	2	3	5	3.0	3.4		
d. Other specified	0	0	0	1	0	1	1	0.8	0.6	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	1	0	1	1	0.8	0.6	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	6	2	2	6	11	17	11.9	12.3	0.9	1.0	0	3	3	6	5	12	17	11.5	11.6		
a. Rhabdomyosarcoma	0	3	1	0	0	4	4	4.6	3.6	0.6	0.6	0	2	2	3	0	7	7	6.9	5.3		
b. Fibrosarcoma	1	1	0	0	1	2	3	2.5	2.4	-	-	0	0	0	0	0	0	0	-	-		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	2	0	1	5	3	8	3.2	5.1	0.6	0.8	0	1	1	3	5	5	10	4.6	6.2		
e. Unspecified	0	0	1	1	0	2	2	1.7	1.3	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	1	1	1	2	16	5	21	4.9	12.0	0.6	1.6	3	2	1	3	4	9	13	9.8	9.7		
a. CNS germ cell	0	0	1	1	2	2	4	1.7	2.3	2.0	4.0	0	0	0	1	0	1	1	0.8	0.6		
b. Other extragonadal	1	0	0	0	1	1	2	1.2	1.5	0.2	0.4	3	2	0	0	0	5	5	6.5	5.0		
c. Gonadal germ cell	0	1	0	1	13	2	15	2.0	8.2	1.0	3.0	0	0	1	1	3	2	5	1.8	2.9		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.8	1.1		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	2	7	15	9	24	7.1	13.2	0.8	0.5	1	0	1	10	34	12	46	10.2	25.7		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	2	3	6	5	11	4.1	6.2	0.7	0.4	0	0	0	7	23	7	30	5.6	16.3		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	3	4	3	7	2.3	3.8	1.0	0.8	1	0	1	1	6	3	9	3.0	5.5		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	1	5	1	6	0.8	3.2	0.5	0.9	0	0	0	2	5	2	7	1.6	3.9		
XII OTHER & UNSPECIFIED	0	1	0	0	0	1	1	1.2	1.0	1.0	1.0	1	0	0	0	0	1	1	1.3	1.0		
a. Other specified	0	1	0	0	0	1	1	1.2	1.0	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	1.3	1.0		
TOTAL	15	70	53	59	84	197	281	196.8	195.7	1.1	1.0	25	48	58	52	95	183	278	191.2	197.8		

† includes 14 non-malignant in males and 12 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	59 822	56 511
	1-4	255 740	243 242
	5-9	356 110	338 102
	10-14	384 897	362 710
	15-19	437 910	431 122
Total	0-14	1 056 569	1 000 565
	0-19	1 494 479	1 431 687
Average annual population	0-14	70 438	66 704
	0-19	99 632	95 446

Please consult the quality indicators for this registry