

## USA, Maryland, 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	0-19			0-14	0-19
<b>I LEUKAEMIA</b>	25	171	98	85	82	379	461	28.4	100.0	21.5	100.0	46.2	77.1	33.3	26.8	26.1	46.0	41.5	656	786	86.1	0.2
a. Lymphoid	7	140	80	52	42	279	321	20.9	73.6	15.0	69.6	12.9	63.2	27.2	16.4	13.3	34.2	29.5	484	551	86.6	0.3
b. Acute myeloid	11	25	15	23	22	74	96	5.5	19.5	4.5	20.8	20.3	11.3	5.1	7.2	7.0	8.8	8.4	127	162	89.6	0.0
c. CMD	1	0	0	3	9	4	13	0.3	1.1	0.6	2.8	1.8	-	-	0.9	2.9	0.4	1.0	7	21	84.6	0.0
d. MDS & other	2	1	1	4	5	8	13	0.6	2.1	0.6	2.8	3.7	0.5	0.3	1.3	1.6	0.9	1.1	13	21	84.6	0.0
e. Unspecified	4	5	2	3	4	14	18	1.0	3.7	0.8	3.9	7.4	2.3	0.7	0.9	1.3	1.8	1.6	24	31	61.1	0.0
<b>II LYMPHOMA &amp; RELATED</b>	10	17	42	66	183	135	318	10.1	100.0	14.8	100.0	18.5	7.7	14.3	20.8	58.1	14.4	24.3	224	515	93.1	0.0
a. Hodgkin	1	4	10	36	128	51	179	3.8	37.8	8.3	56.3	1.8	1.8	3.4	11.3	40.7	5.1	13.1	83	286	93.9	0.0
b. Non-Hodgkin except BL	5	5	17	19	44	46	90	3.4	34.1	4.2	28.3	9.2	2.3	5.8	6.0	14.0	5.0	7.0	77	147	91.1	0.0
c. Burkitt (BL)	0	5	10	7	6	22	28	1.6	16.3	1.3	8.8	-	2.3	3.4	2.2	1.9	2.4	2.3	37	47	96.4	0.0
d. Lymphoreticular	3	3	5	1	2	12	14	0.9	8.9	0.7	4.4	5.5	1.4	1.7	0.3	0.6	1.5	1.3	21	24	100.0	0.0
e. Unspecified	1	0	0	3	3	4	7	0.3	3.0	0.3	2.2	1.8	-	-	0.9	1.0	0.4	0.5	7	11	71.4	0.0
<b>III CNS NEOPLASMS †</b>	26	101	89	113	116	329	445	24.6	100.0	20.8	100.0	48.1	45.6	30.3	35.6	36.9	37.9	37.7	559	744	83.8	0.7
a. Ependymoma	5	15	8	7	10	35	45	2.6	10.6	2.1	10.1	9.2	6.8	2.7	2.2	3.2	4.3	4.1	61	77	100.0	0.0
b. Astrocytoma	5	38	41	59	49	143	192	10.7	43.5	9.0	43.1	9.2	17.1	13.9	18.6	15.6	15.9	15.8	241	318	91.7	0.0
c. CNS embryonal	4	24	15	18	9	61	70	4.6	18.5	3.3	15.7	7.4	10.8	5.1	5.7	2.9	7.2	6.2	105	119	97.1	0.0
d. Other gliomas	3	13	10	12	14	38	52	2.8	11.6	2.4	11.7	5.5	5.9	3.4	3.8	4.4	4.4	4.4	65	87	51.9	0.0
e. Other specified	3	6	8	13	27	30	57	2.2	9.1	2.7	12.8	5.5	2.7	2.7	4.1	8.6	3.3	4.5	50	93	86.0	0.0
f. Unspecified CNS	6	5	7	4	7	22	29	1.6	6.7	1.4	6.5	11.1	2.3	2.4	1.3	2.2	2.7	2.6	38	49	27.6	10.3
<b>IV NEUROBLASTOMA</b>	36	51	6	4	1	97	98	7.3	100.0	4.6	100.0	66.6	23.0	2.0	1.3	0.3	13.2	10.3	174	176	100.0	0.0
a. (Ganglio)neuroblastoma	36	51	6	3	0	96	96	7.2	99.0	4.5	98.0	66.6	23.0	2.0	0.9	-	13.1	10.2	173	173	100.0	0.0
b. Peripheral nervous	0	0	0	1	1	1	2	0.1	1.0	0.1	2.0	-	-	-	0.3	0.3	0.1	0.1	2	3	100.0	0.0
<b>V RETINOBLASTOMA</b>	11	16	2	0	0	29	29	2.2	100.0	1.4	100.0	20.3	7.2	0.7	-	-	4.0	3.1	52	52	86.2	0.0
<b>VI RENAL TUMOURS</b>	8	58	12	2	6	80	86	6.0	100.0	4.0	100.0	14.8	26.2	4.1	0.6	1.9	10.8	8.8	143	153	98.8	0.0
a. Nephroblastoma	8	58	12	2	1	80	81	6.0	100.0	3.8	94.2	14.8	26.2	4.1	0.6	0.3	10.8	8.4	143	145	100.0	0.0
b. Renal carcinoma	0	0	0	0	4	0	4	-	-	0.2	4.7	-	-	-	-	1.3	-	0.3	-	6	100.0	0.0
c. Unspecified	0	0	0	0	1	0	1	-	-	0.0	1.2	-	-	-	-	0.3	-	0.1	-	2	0.0	0.0
<b>VII HEPATIC TUMOURS</b>	12	6	2	4	5	24	29	1.8	100.0	1.4	100.0	22.2	2.7	0.7	1.3	1.6	3.1	2.8	42	50	100.0	0.0
a. Hepatoblastoma	12	6	2	1	0	21	21	1.6	87.5	1.0	72.4	22.2	2.7	0.7	0.3	-	2.8	2.2	38	38	100.0	0.0
b. Hepatic carcinoma	0	0	0	3	5	3	8	0.2	12.5	0.4	27.6	-	-	-	0.9	1.6	0.3	0.6	5	13	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	6	15	49	43	70	113	5.2	100.0	5.3	100.0	-	2.7	5.1	15.4	13.7	7.0	8.5	114	182	95.6	0.0
a. Osteosarcoma	0	2	9	26	21	37	58	2.8	52.9	2.7	51.3	-	0.9	3.1	8.2	6.7	3.6	4.3	60	93	100.0	0.0
b. Chondrosarcoma	0	0	0	2	2	2	4	0.1	2.9	0.2	3.5	-	-	-	0.6	0.6	0.2	0.3	3	6	100.0	0.0
c. Ewing & related	0	3	5	17	14	25	39	1.9	35.7	1.8	34.5	-	1.4	1.7	5.4	4.4	2.5	3.0	41	63	100.0	0.0
d. Other specified	0	0	0	0	2	0	2	-	-	0.1	1.8	-	-	-	-	0.6	-	0.1	-	3	100.0	0.0
e. Unspecified	0	1	1	4	4	6	10	0.4	8.6	0.5	8.8	-	0.5	0.3	1.3	1.3	0.6	0.8	10	16	50.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	12	25	19	24	45	80	125	6.0	100.0	5.8	100.0	22.2	11.3	6.5	7.6	14.3	9.5	10.6	137	209	97.6	0.0
a. Rhabdomyosarcoma	3	19	11	5	13	38	51	2.8	47.5	2.4	40.8	5.5	8.6	3.7	1.6	4.1	4.8	4.6	66	87	98.0	0.0
b. Fibrosarcoma	2	2	2	0	2	6	8	0.4	7.5	0.4	6.4	3.7	0.9	0.7	-	0.6	0.8	0.7	11	14	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	7	1	4	15	22	27	49	2.0	33.8	2.3	39.2	12.9	0.5	1.4	4.7	7.0	2.9	3.8	45	80	98.0	0.0
e. Unspecified	0	3	2	4	8	9	17	0.7	11.3	0.8	13.6	-	1.4	0.7	1.3	2.5	1.0	1.4	15	28	94.1	0.0
<b>X GERM CELL TUMOURS</b>	3	0	6	15	97	24	121	1.8	100.0	5.6	100.0	5.5	-	2.0	4.7	30.8	2.5	8.8	39	193	95.0	0.0
a. CNS germ cell ‡	1	0	3	8	8	12	20	0.9	50.0	0.9	16.5	1.8	-	1.0	2.5	2.5	1.2	1.5	20	32	85.0	0.0
b. Other extragonadal	1	0	0	1	2	2	4	0.1	8.3	0.2	3.3	1.8	-	-	0.3	0.6	0.2	0.3	3	7	100.0	0.0
c. Gonadal germ cell	1	0	2	5	81	8	89	0.6	33.3	4.2	73.6	1.8	-	0.7	1.6	25.7	0.8	6.4	13	142	97.8	0.0
d. Gonadal carcinoma	0	0	1	1	2	2	4	0.1	8.3	0.2	3.3	-	-	0.3	0.3	0.6	0.2	0.3	3	6	100.0	0.0
e. Unspecified gonadal	0	0	0	0	4	0	4	-	-	0.2	3.3	-	-	-	-	1.3	-	0.3	-	6	75.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	11	3	20	45	218	79	297	5.9	100.0	13.9	100.0	20.3	1.4	6.8	14.2	69.3	8.3	22.0	130	477	98.7	0.0
a. Adrenocortical	1	1	0	0	1	2	3	0.1	2.5	0.1	1.0	1.8	0.5	-	-	0.3	0.3	0.3	4	5	66.7	0.0
b. Thyroid	0	1	8	23	78	32	110	2.4	40.5	5.1	37.0	-	0.5	2.7	7.2	24.8	3.1	8.0	52	176	100.0	0.0
c. Nasopharyngeal	0	0	2	0	2	2	4	0.1	2.5	0.2	1.3	-	-	0.7	-	0.6	0.2	0.3	3	7	100.0	0.0
d. Melanoma	7	1	5	12	92	25	117	1.9	31.6	5.5	39.4	12.9	0.5	1.7	3.8	29.2	2.8	8.7	42	188	98.3	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	3	0	5	10	45	18	63	1.3	22.8	2.9	21.2	5.5	-	1.7	3.1	14.3	1.9	4.7	30	101	98.4	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	3	1	5	13	9	22	0.7	100.0	1.0	100.0	-	1.4	0.3	1.6	4.1	1.0	1.7	15	36	36.4	0.0
a. Other specified	0	0	0	1	4	1	5	0.1	11.1	0.2	22.7	-	-	-	0.3	1.3	0.1	0.4	2	8	100.0	0.0
b. Other unspecified	0	3	1	4	9	8	17	0.6	88.9	0.8	77.3	-	1.4	0.3	1.3	2.9	0.9	1.3	13	28	17.6	0.0
<b>TOTAL</b>	154	457	312	412	809	1335	2144	100.0	100.0	100.0	100.0	284.8	206.1	106.1	129.7	257.1	157.6	180.0	2287	3572	90.9	0.2

† includes 76 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

## USA, Maryland, 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										0-14	0-19
	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		
<b>I LEUKAEMIA</b>	18	97	48	55	58	218	276	51.6	48.1	1.4	1.5	7	74	50	30	24	161	185	40.2	34.7				
a. Lymphoid	4	77	40	37	31	158	189	37.4	33.3	1.3	1.4	3	63	40	15	11	121	132	30.8	25.5				
b. Acute myeloid	8	16	7	11	12	42	54	10.0	9.4	1.3	1.3	3	9	8	12	10	32	42	7.5	7.3				
c. CMD	1	0	0	1	8	2	10	0.5	1.5	1.0	3.3	0	0	0	2	1	2	3	0.4	0.4				
d. MDS & other	1	1	0	4	5	6	11	1.3	1.7	3.0	5.5	1	0	1	0	0	2	2	0.5	0.4				
e. Unspecified	4	3	1	2	2	10	12	2.5	2.2	2.5	2.0	0	2	1	1	2	4	6	1.0	1.1				
<b>II LYMPHOMA &amp; RELATED</b>	4	13	32	36	105	85	190	17.9	28.5	1.7	1.5	6	4	10	30	78	50	128	10.8	19.8				
a. Hodgkin	1	4	8	19	71	32	103	6.5	14.9	1.7	1.4	0	0	2	17	57	19	76	3.6	11.2				
b. Non-Hodgkin except BL	1	2	12	8	26	23	49	4.8	7.3	1.0	1.2	4	3	5	11	18	23	41	5.2	6.7				
c. Burkitt (BL)	0	4	7	6	4	17	21	3.7	3.4	3.4	3.0	0	1	3	1	2	5	7	1.1	1.2				
d. Lymphoreticular	2	3	5	1	2	11	13	2.6	2.3	11.0	13.0	1	0	0	0	0	1	1	0.3	0.2				
e. Unspecified	0	0	0	2	2	2	4	0.4	0.6	1.0	1.3	1	0	0	1	1	2	3	0.5	0.5				
<b>III CNS NEOPLASMS †</b>	15	46	50	64	62	175	237	38.8	38.7	1.1	1.1	11	55	39	49	54	154	208	36.9	36.6				
a. Ependymoma	2	7	5	3	6	17	23	4.1	4.0	0.9	1.0	3	8	3	4	4	18	22	4.6	4.1				
b. Astrocytoma	4	17	19	30	26	70	96	15.2	15.4	1.0	1.0	1	21	22	29	23	73	96	16.7	16.3				
c. CNS embryonal	4	12	10	11	7	37	44	8.5	7.6	1.5	1.7	0	12	5	7	2	24	26	5.9	4.9				
d. Other gliomas	2	6	6	10	6	24	30	5.3	4.9	1.7	1.4	1	7	4	2	8	14	22	3.6	3.9				
e. Other specified	1	2	5	7	13	15	28	3.1	4.2	1.0	1.0	2	4	3	6	14	15	29	3.5	4.8				
f. Unspecified CNS	2	2	5	3	4	12	16	2.7	2.7	1.2	1.2	4	3	2	1	3	10	13	2.7	2.5				
<b>IV NEUROBLASTOMA</b>	15	23	4	3	0	45	45	11.8	9.1	0.9	0.8	21	28	2	1	1	52	53	14.7	11.6				
a. (Ganglioneuroblastoma	15	23	4	2	0	44	44	11.6	9.0	0.8	0.8	21	28	2	1	0	52	52	14.7	11.4				
b. Peripheral nervous	0	0	0	1	0	1	1	0.2	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1				
<b>V RETINOBLASTOMA</b>	6	11	2	0	0	19	19	5.1	3.9	1.9	1.9	5	5	0	0	0	10	10	2.9	2.2				
<b>VI RENAL TUMOURS</b>	5	23	10	2	2	40	42	10.2	8.2	1.0	1.0	3	35	2	0	4	40	44	11.4	9.4				
a. Nephroblastoma	5	23	10	2	0	40	40	10.2	7.9	1.0	1.0	3	35	2	0	1	40	41	11.4	9.0				
b. Renal carcinoma	0	0	0	0	2	0	2	-	0.3	-	1.0	0	0	0	0	2	0	2	-	0.3				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1				
<b>VII HEPATIC TUMOURS</b>	3	5	2	1	2	11	13	2.8	2.4	0.8	0.8	9	1	0	3	3	13	16	3.4	3.1				
a. Hepatoblastoma	3	5	2	0	0	10	10	2.6	2.0	0.9	0.9	9	1	0	1	0	11	11	3.1	2.4				
b. Hepatic carcinoma	0	0	0	1	2	1	3	0.2	0.4	0.5	0.6	0	0	0	2	3	2	5	0.4	0.7				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	0	5	9	26	28	40	68	7.9	10.0	1.3	1.5	0	1	6	23	15	30	45	6.0	6.8				
a. Osteosarcoma	0	2	6	14	14	22	36	4.3	5.3	1.5	1.6	0	0	3	12	7	15	22	2.9	3.3				
b. Chondrosarcoma	0	0	0	1	2	1	3	0.2	0.4	1.0	3.0	0	0	0	1	0	1	1	0.2	0.1				
c. Ewing & related	0	2	3	8	8	13	21	2.6	3.1	1.1	1.2	0	1	2	9	6	12	18	2.4	2.8				
d. Other specified	0	0	0	0	1	0	1	-	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1				
e. Unspecified	0	1	0	3	3	4	7	0.8	1.0	2.0	2.3	0	0	1	1	1	2	3	0.4	0.5				
<b>IX SOFT TISSUE SARCOMA</b>	6	14	12	14	29	46	75	10.5	12.2	1.4	1.5	6	11	7	10	16	34	50	8.3	8.8				
a. Rhabdomyosarcoma	2	11	8	3	10	24	34	5.8	5.9	1.7	2.0	1	8	3	2	3	14	17	3.6	3.3				
b. Fibrosarcoma	1	1	1	0	0	3	3	0.8	0.6	1.0	0.6	1	1	1	0	2	3	5	0.8	0.9				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	3	0	2	7	14	12	26	2.5	3.9	0.8	1.1	4	1	2	8	8	15	23	3.4	3.8				
e. Unspecified	0	2	1	4	5	7	12	1.5	1.8	3.5	2.4	0	1	1	0	3	2	5	0.5	0.8				
<b>X GERM CELL TUMOURS</b>	1	0	1	8	80	10	90	1.9	12.6	0.7	2.9	2	0	5	7	17	14	31	3.0	4.8				
a. CNS germ cell ‡	0	0	1	6	5	7	12	1.3	1.7	1.4	1.5	1	0	2	2	3	5	8	1.1	1.3				
b. Other extragonadal	0	0	0	1	2	1	3	0.2	0.4	1.0	3.0	1	0	0	0	0	1	1	0.3	0.2				
c. Gonadal germ cell	1	0	0	1	73	2	75	0.5	10.5	0.3	5.4	0	0	2	4	8	6	14	1.2	2.1				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	2	2	4	0.4	0.6				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	4	0	4	-	0.6				
<b>XI CARCINOMA &amp; MELANOMA</b>	6	1	8	16	70	31	101	6.5	14.8	0.6	0.5	5	2	12	29	148	48	196	10.2	29.7				
a. Adrenocortical	1	0	0	0	1	1	2	0.3	0.4	1.0	2.0	0	1	0	0	0	1	1	0.3	0.2				
b. Thyroid	0	1	2	6	14	9	23	1.8	3.3	0.4	0.3	0	0	6	17	64	23	87	4.5	12.9				
c. Nasopharyngeal	0	0	1	0	2	1	3	0.2	0.4	1.0	3.0	0	0	1	0	0	1	1	0.2	0.2				
d. Melanoma	4	0	3	8	42	15	57	3.2	8.3	1.5	0.9	3	1	2	4	50	10	60	2.4	9.2				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	1	0	2	2	11	5	16	1.1	2.3	0.4	0.3	2	0	3	8	34	13	47	2.8	7.1				
<b>XII OTHER &amp; UNSPECIFIED</b>	0	3	0	1	7	4	11	1.0	1.7	0.8	1.0	0	0	1	4	6	5	11	1.0	1.6				
a. Other specified	0	0	0	0	2	0	2	-	0.3	0.0	0.7	0	0	0	1	2	1	3	0.2	0.4				
b. Other unspecified	0	3	0	1	5	4	9	1.0	1.5	1.0	1.1	0	0	1	3	4	4	8	0.8	1.2				
<b>TOTAL</b>	79	241	178	226	443	724	1167	166.1	190.3	1.2	1.2	75	216	134	186	366	611	977	148.7	169.2				

† includes 39 non-malignant in males and 37 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

## USA, Maryland, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	277 253	263 466
	1-4	1 135 449	1 081 462
	5-9	1 503 999	1 436 908
	10-14	1 629 759	1 546 790
	15-19	1 619 224	1 527 910
Total	0-14	4 546 460	4 328 626
	0-19	6 165 684	5 856 536
Average annual population	0-14	303 097	288 575
	0-19	411 046	390 436

Please consult the quality indicators for this registry