

USA, Nebraska, 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	
I LEUKAEMIA	12	91	52	35	53	190	243	25.6	100.0	21.1	100.0	43.2	81.1	36.2	23.0	32.3	46.8	43.6	664	825	97.5	0.8	
a. Lymphoid	4	76	41	27	26	148	174	19.9	77.9	15.1	71.6	14.4	67.7	28.5	17.7	15.8	36.5	31.8	517	596	98.9	1.1	
b. Acute myeloid	4	12	5	5	16	26	42	3.5	13.7	3.6	17.3	14.4	10.7	3.5	3.3	9.7	6.5	7.2	91	140	97.6	0.0	
c. CMD	0	0	1	2	7	3	10	0.4	1.6	0.9	4.1	-	-	0.7	1.3	4.3	0.6	1.4	10	31	90.0	0.0	
d. MDS & other	2	1	2	1	4	6	10	0.8	3.2	0.9	4.1	7.2	0.9	1.4	0.7	2.4	1.5	1.7	21	33	90.0	0.0	
e. Unspecified	2	2	3	0	0	7	7	0.9	3.7	0.6	2.9	7.2	1.8	2.1	-	-	1.8	1.4	25	25	85.7	0.0	
II LYMPHOMA & RELATED	1	18	27	40	105	86	191	11.6	100.0	16.6	100.0	3.6	16.0	18.8	26.3	64.0	18.9	29.1	293	613	99.5	0.5	
a. Hodgkin	0	2	7	19	71	28	99	3.8	32.6	8.6	51.8	-	1.8	4.9	12.5	43.3	5.7	14.2	94	310	99.0	1.0	
b. Non-Hodgkin except BL	1	5	11	15	27	32	59	4.3	37.2	5.1	30.9	3.6	4.5	7.7	9.9	16.4	7.0	9.1	109	191	100.0	0.0	
c. Burkitt (BL)	0	5	8	3	5	16	21	2.2	18.6	1.8	11.0	-	4.5	5.6	2.0	3.0	3.7	3.6	56	71	100.0	0.0	
d. Lymphoreticular	0	6	1	3	2	10	12	1.3	11.6	1.0	6.3	-	5.3	0.7	2.0	1.2	2.5	2.2	35	41	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
III CNS NEOPLASMS †	11	67	81	72	78	231	309	31.1	100.0	26.8	100.0	39.6	59.7	56.3	47.3	47.5	53.5	52.1	797	1034	67.0	1.9	
a. Ependymoma	1	7	5	1	4	14	18	1.9	6.1	1.6	5.8	3.6	6.2	3.5	0.7	2.4	3.5	3.3	49	61	100.0	0.0	
b. Astrocytoma	2	35	29	30	26	96	122	12.9	41.6	10.6	39.5	7.2	31.2	20.2	19.7	15.8	22.5	21.0	332	411	77.0	1.6	
c. CNS embryonal	4	11	16	8	9	39	48	5.2	16.9	4.2	15.5	14.4	9.8	11.1	5.3	5.5	9.3	8.4	135	163	97.9	0.0	
d. Other gliomas	2	7	11	9	11	29	40	3.9	12.6	3.5	12.9	7.2	6.2	7.7	5.9	6.7	6.7	6.7	100	133	37.5	2.5	
e. Other specified	1	6	18	21	27	46	73	6.2	19.9	6.3	23.6	3.6	5.3	12.5	13.8	16.4	10.0	11.4	157	239	42.5	0.0	
f. Unspecified CNS	1	1	2	3	1	7	8	0.9	3.0	0.7	2.6	3.6	0.9	1.4	2.0	0.6	1.6	1.4	24	27	25.0	37.5	
IV NEUROBLASTOMA	19	22	7	4	1	52	53	7.0	100.0	4.6	100.0	68.4	19.6	4.9	2.6	0.6	13.7	10.7	184	187	100.0	0.0	
a. (Ganglio)neuroblastoma	19	22	7	3	1	51	52	6.9	98.1	4.5	98.1	68.4	19.6	4.9	2.0	0.6	13.5	10.6	181	184	100.0	0.0	
b. Peripheral nervous	0	0	0	1	0	1	1	0.1	1.9	0.1	1.9	-	-	-	0.7	-	0.2	0.1	3	3	100.0	0.0	
V RETINOBLASTOMA	7	5	0	0	0	12	12	1.6	100.0	1.0	100.0	25.2	4.5	-	-	-	3.3	2.6	43	43	66.7	8.3	
VI RENAL TUMOURS	3	23	13	3	1	42	43	5.7	100.0	3.7	100.0	10.8	20.5	9.0	2.0	0.6	10.7	8.4	148	151	97.7	0.0	
a. Nephroblastoma	3	23	11	3	0	40	40	5.4	95.2	3.5	93.0	10.8	20.5	7.7	2.0	-	10.2	7.9	141	141	97.5	0.0	
b. Renal carcinoma	0	0	2	0	1	2	3	0.3	4.8	0.3	7.0	-	-	1.4	-	0.6	0.4	0.5	7	10	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	1	6	3	0	0	10	10	1.3	100.0	0.9	100.0	3.6	5.3	2.1	-	-	2.6	2.0	35	35	100.0	0.0	
a. Hepatoblastoma	1	5	2	0	0	8	8	1.1	80.0	0.7	80.0	3.6	4.5	1.4	-	-	2.1	1.6	28	28	100.0	0.0	
b. Hepatic carcinoma	0	1	1	0	0	2	2	0.3	20.0	0.2	20.0	-	0.9	0.7	-	-	0.5	0.4	7	7	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	2	13	18	24	33	57	4.4	100.0	4.9	100.0	-	1.8	9.0	11.8	14.6	6.9	8.6	112	185	98.2	1.8	
a. Osteosarcoma	0	0	4	12	14	16	30	2.2	48.5	2.6	52.6	-	-	2.8	7.9	8.5	3.2	4.4	53	96	96.7	3.3	
b. Chondrosarcoma	0	0	0	1	1	1	2	0.1	3.0	0.2	3.5	-	-	-	0.7	0.6	0.2	0.3	3	6	100.0	0.0	
c. Ewing & related	0	2	9	3	8	14	22	1.9	42.4	1.9	38.6	-	1.8	6.3	2.0	4.9	3.1	3.5	48	73	100.0	0.0	
d. Other specified	0	0	0	1	1	1	2	0.1	3.0	0.2	3.5	-	-	-	0.7	0.6	0.2	0.3	3	6	100.0	0.0	
e. Unspecified	0	0	0	1	0	1	1	0.1	3.0	0.1	1.8	-	-	-	0.7	-	0.2	0.1	3	3	100.0	0.0	
IX SOFT TISSUE SARCOMA	4	8	12	9	19	33	52	4.4	100.0	4.5	100.0	14.4	7.1	8.3	5.9	11.6	7.7	8.6	114	172	98.1	0.0	
a. Rhabdomyosarcoma	3	5	7	2	7	17	24	2.3	51.5	2.1	46.2	10.8	4.5	4.9	1.3	4.3	4.2	4.2	59	81	100.0	0.0	
b. Fibrosarcoma	0	1	0	1	4	2	6	0.3	6.1	0.5	11.5	-	0.9	-	0.7	2.4	0.5	0.9	7	19	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	1	3	5	7	10	17	1.3	30.3	1.5	32.7	3.6	0.9	2.1	3.3	4.3	2.2	2.6	34	55	94.1	0.0	
e. Unspecified	0	1	2	1	1	4	5	0.5	12.1	0.4	9.6	-	0.9	1.4	0.7	0.6	0.9	0.8	14	17	100.0	0.0	
X GERM CELL TUMOURS	7	3	3	7	44	20	64	2.7	100.0	5.6	100.0	25.2	2.7	2.1	4.6	26.8	4.8	9.7	69	203	95.3	0.0	
a. CNS germ cell ‡	2	2	2	4	4	10	14	1.3	50.0	1.2	21.9	7.2	1.8	1.4	2.6	2.4	2.3	2.3	34	47	85.7	0.0	
b. Other extragonadal	4	0	0	0	1	4	5	0.5	20.0	0.4	7.8	14.4	-	-	-	0.6	1.1	1.0	14	17	80.0	0.0	
c. Gonadal germ cell	1	1	1	2	36	5	41	0.7	25.0	3.6	64.1	3.6	0.9	0.7	1.3	21.9	1.2	5.8	17	127	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	-	0.2	3.1	-	-	-	-	1.2	-	0.3	-	6	6	100.0	0.0
e. Unspecified gonadal	0	0	0	1	1	1	2	0.1	5.0	0.2	3.1	-	-	-	0.7	0.6	0.2	0.3	3	6	100.0	0.0	
XI CARCINOMA & MELANOMA	0	1	5	26	81	32	113	4.3	100.0	9.8	100.0	-	0.9	3.5	17.1	49.3	6.4	16.0	106	353	99.1	0.9	
a. Adrenocortical	0	0	0	0	1	0	1	-	-	0.1	0.9	-	-	-	-	0.6	-	0.1	-	3	3	100.0	0.0
b. Thyroid	0	0	3	14	43	17	60	2.3	53.1	5.2	53.1	-	-	2.1	9.2	26.2	3.3	8.5	56	187	98.3	1.7	
c. Nasopharyngeal	0	0	0	0	4	0	4	-	-	0.3	3.5	-	-	-	-	2.4	-	0.5	-	12	12	100.0	0.0
d. Melanoma	0	1	0	4	20	5	25	0.7	15.6	2.2	22.1	-	0.9	-	2.6	12.2	1.0	3.5	17	78	100.0	0.0	
e. Skin carcinoma	0	0	0	1	0	1	1	0.1	3.1	0.1	0.9	-	-	-	0.7	-	0.2	0.1	3	3	100.0	0.0	
f. Other & unspecified	0	0	2	7	13	9	22	1.2	28.1	1.9	19.5	-	-	1.4	4.6	7.9	1.8	3.2	30	70	100.0	0.0	
XII OTHER & UNSPECIFIED	0	2	0	0	4	2	6	0.3	100.0	0.5	100.0	-	1.8	-	-	2.4	0.6	1.0	7	19	100.0	0.0	
a. Other specified	0	1	0	0	3	1	4	0.1	50.0	0.3	66.7	-	0.9	-	-	1.8	0.3	0.6	4	13	100.0	0.0	
b. Other unspecified	0	1	0	0	1	1	2	0.1	50.0	0.2	33.3	-	0.9	-	-	0.6	0.3	0.4	4	7	100.0	0.0	
TOTAL	65	248	216	214	410	743	1153	100.0	100.0	100.0	100.0	234.1	220.9	150.3	140.6	249.8	175.8	192.5	2572	3821	89.6	1.0	

† includes 83 non-malignant ‡ includes 4 non-malignant

Please consult the quality indicators for this registry

USA, Nebraska, 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	6	48	31	21	30	106	136	50.6	47.3	1.3	1.3	6	43	21	14	23	84	107	42.9	39.7		
a. Lymphoid	3	39	28	15	16	85	101	40.6	35.7	1.3	1.4	1	37	13	12	10	63	73	32.2	27.7		
b. Acute myeloid	0	8	1	4	10	13	23	6.3	7.5	1.0	1.2	4	4	4	1	6	13	19	6.8	6.9		
c. CMD	0	0	1	1	3	2	5	0.8	1.4	2.0	1.0	0	0	0	1	4	1	5	0.4	1.4		
d. MDS & other	2	0	0	1	1	3	4	1.5	1.4	1.0	0.7	0	1	2	0	3	3	6	1.5	2.0		
e. Unspecified	1	1	1	0	0	3	3	1.5	1.2	0.8	0.8	1	1	2	0	0	4	4	2.1	1.6		
II LYMPHOMA & RELATED	0	13	21	25	58	59	117	25.5	35.4	2.2	1.6	1	5	6	15	47	27	74	12.0	22.5		
a. Hodgkin	0	1	6	8	34	15	49	6.2	13.9	1.2	1.0	0	1	1	11	37	13	50	5.3	14.5		
b. Non-Hodgkin except BL	0	3	6	12	20	21	41	8.7	12.1	1.9	2.3	1	2	5	3	7	11	18	5.2	6.0		
c. Burkitt (BL)	0	5	8	3	3	16	19	7.3	6.5	-	9.5	0	0	0	0	2	0	2	-	0.6		
d. Lymphoreticular	0	4	1	2	1	7	8	3.3	2.9	2.3	2.0	0	2	0	1	1	3	4	1.5	1.5		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	5	44	42	42	38	133	171	60.5	57.1	1.4	1.2	6	23	39	30	40	98	138	46.1	46.9		
a. Ependymoma	1	4	2	0	2	7	9	3.6	3.3	1.0	1.0	0	3	3	1	2	7	9	3.5	3.2		
b. Astrocytoma	1	24	16	20	16	61	77	28.0	26.0	1.7	1.7	1	11	13	10	10	35	45	16.7	15.7		
c. CNS embryonal	1	7	11	5	6	24	30	11.0	10.1	1.6	1.7	3	4	5	3	3	15	18	7.4	6.6		
d. Other gliomas	1	3	7	5	7	16	23	7.1	7.4	1.2	1.4	1	4	4	4	4	13	17	6.2	5.9		
e. Other specified	1	5	6	10	7	22	29	9.6	9.3	0.9	0.7	0	1	12	11	20	24	44	10.4	13.6		
f. Unspecified CNS	0	1	0	2	0	3	3	1.3	1.0	0.8	0.6	1	0	2	1	1	4	5	1.9	1.7		
IV NEUROBLASTOMA	14	11	3	3	1	31	32	15.9	12.6	1.5	1.5	5	11	4	1	0	21	21	11.3	8.7		
a. (Ganglio)neuroblastoma	14	11	3	3	1	31	32	15.9	12.6	1.6	1.6	5	11	4	0	0	20	20	10.9	8.4		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.4	0.3		
V RETINOBLASTOMA	3	5	0	0	0	8	8	4.3	3.3	2.0	2.0	4	0	0	0	0	4	4	2.3	1.8		
VI RENAL TUMOURS	3	11	5	1	1	20	21	10.1	8.1	0.9	1.0	0	12	8	2	0	22	22	11.3	8.7		
a. Nephroblastoma	3	11	4	1	0	19	19	9.7	7.5	0.9	0.9	0	12	7	2	0	21	21	10.8	8.4		
b. Renal carcinoma	0	0	1	0	1	1	2	0.4	0.6	1.0	2.0	0	0	1	0	0	1	1	0.5	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	5	2	0	0	8	8	4.1	3.2	4.0	4.0	0	1	1	0	0	2	2	1.0	0.8		
a. Hepatoblastoma	1	5	1	0	0	7	7	3.7	2.9	7.0	7.0	0	0	1	0	0	1	1	0.5	0.4		
b. Hepatic carcinoma	0	0	1	0	0	1	1	0.4	0.3	1.0	1.0	0	1	0	0	0	1	1	0.6	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	1	8	11	16	20	36	8.1	10.6	1.5	1.7	0	1	5	7	8	13	21	5.6	6.6		
a. Osteosarcoma	0	0	4	8	11	12	23	4.7	6.6	3.0	3.3	0	0	0	4	3	4	7	1.6	2.1		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.4	0.6		
c. Ewing & related	0	1	4	2	5	7	12	3.0	3.7	1.0	1.2	0	1	5	1	3	7	10	3.3	3.4		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.4	0.6		
e. Unspecified	0	0	0	1	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	2	4	8	3	10	17	27	7.9	8.8	1.1	1.1	2	4	4	6	9	16	25	7.6	8.4		
a. Rhabdomyosarcoma	2	2	5	1	4	10	14	4.7	4.7	1.4	1.4	1	3	2	1	3	7	10	3.6	3.6		
b. Fibrosarcoma	0	0	0	1	2	1	3	0.4	0.8	1.0	1.0	0	1	0	0	2	1	3	0.6	1.0		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	2	1	3	4	7	1.8	2.2	0.7	0.7	1	0	1	4	4	6	10	2.6	3.1		
e. Unspecified	0	1	1	0	1	2	3	1.0	1.0	1.0	1.5	0	0	1	1	0	2	2	0.9	0.7		
X GERM CELL TUMOURS	3	2	2	3	34	10	44	4.7	12.8	1.0	2.2	4	1	1	4	10	10	20	4.9	6.6		
a. CNS germ cell ‡	1	1	2	3	3	7	10	3.1	3.2	2.3	2.5	1	1	0	1	1	3	4	1.5	1.5		
b. Other extragonadal	1	0	0	0	1	1	2	0.5	0.7	0.3	0.7	3	0	0	0	0	3	3	1.7	1.3		
c. Gonadal germ cell	1	1	0	0	30	2	32	1.1	8.9	0.7	3.6	0	0	1	2	6	3	9	1.2	2.6		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.6		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.4	0.6		
XI CARCINOMA & MELANOMA	0	1	2	10	20	13	33	5.1	9.4	0.7	0.4	0	0	3	16	61	19	80	7.6	23.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
b. Thyroid	0	0	1	4	6	5	11	1.9	3.1	0.4	0.2	0	0	2	10	37	12	49	4.8	14.1		
c. Nasopharyngeal	0	0	0	0	3	0	3	-	0.8	-	3.0	0	0	0	0	1	0	1	-	0.3		
d. Melanoma	0	1	0	2	6	3	9	1.3	2.6	1.5	0.6	0	0	0	2	14	2	16	0.8	4.5		
e. Skin carcinoma	0	0	0	1	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	3	5	4	9	1.6	2.6	0.8	0.7	0	0	1	4	8	5	13	2.0	3.8		
XII OTHER & UNSPECIFIED	0	1	0	0	1	1	2	0.5	0.7	1.0	0.5	0	1	0	0	3	1	4	0.6	1.3		
a. Other specified	0	1	0	0	1	1	2	0.5	0.7	-	1.0	0	0	0	0	2	0	2	-	0.6		
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	1	1	2	0.6	0.7		
TOTAL	37	146	124	119	209	426	635	197.6	209.3	1.3	1.2	28	102	92	95	201	317	518	153.0	174.8		

† includes 33 non-malignant in males and 50 non-malignant in females ‡ includes 2 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for this registry

USA, Nebraska, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	142 514	135 165
	1-4	574 055	548 509
	5-9	735 328	702 169
	10-14	779 519	742 232
	15-19	836 942	804 435
Total	0-14	2 231 416	2 128 075
	0-19	3 068 358	2 932 510
Average annual population	0-14	148 761	141 872
	0-19	204 557	195 501

Please consult the quality indicators for this registry