

USA, Idaho, 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	15	94	47	38	44	194	238	28.8	100.0	23.0	100.0	57.2	89.9	35.4	27.6	30.9	51.7	47.0	732	886	95.4	0.0	
a. Lymphoid	5	78	40	29	24	152	176	22.6	78.4	17.0	73.9	19.1	74.6	30.1	21.0	16.8	40.4	35.1	573	657	98.3	0.0	
b. Acute myeloid	4	12	4	5	12	25	37	3.7	12.9	3.6	15.5	15.2	11.5	3.0	3.6	8.4	6.8	7.1	94	136	89.2	0.0	
c. CMD	1	0	2	2	7	5	12	0.7	2.6	1.2	5.0	3.8	-	1.5	1.5	4.9	1.2	2.0	19	43	83.3	0.0	
d. MDS & other	4	1	0	2	0	7	7	1.0	3.6	0.7	2.9	15.2	1.0	-	1.5	-	1.9	1.5	26	26	85.7	0.0	
e. Unspecified	1	3	1	0	1	5	6	0.7	2.6	0.6	2.5	3.8	2.9	0.8	-	0.7	1.4	1.3	19	23	83.3	0.0	
II LYMPHOMA & RELATED	2	14	21	29	75	66	141	9.8	100.0	13.6	100.0	7.6	13.4	15.8	21.0	52.6	15.9	24.2	245	508	99.3	0.0	
a. Hodgkin	0	2	5	21	53	28	81	4.2	42.4	7.8	57.4	-	1.9	3.8	15.2	37.2	6.2	13.2	103	289	100.0	0.0	
b. Non-Hodgkin except BL	0	5	8	6	21	19	40	2.8	28.8	3.9	28.4	-	4.8	6.0	4.4	14.7	4.7	6.9	71	145	100.0	0.0	
c. Burkitt (BL)	0	1	7	2	0	10	10	1.5	15.2	1.0	7.1	-	1.0	5.3	1.5	-	2.4	1.9	37	37	100.0	0.0	
d. Lymphoreticular	2	6	1	0	0	9	9	1.3	13.6	0.9	6.4	7.6	5.7	0.8	-	-	2.6	2.0	34	34	88.9	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	0.7	-	-	-	-	0.7	-	0.2	-	4	4	100.0	0.0
III CNS NEOPLASMS †	12	50	59	55	58	176	234	26.1	100.0	22.6	100.0	45.7	47.8	44.4	39.9	40.7	44.3	43.5	659	862	85.5	0.4	
a. Ependymoma	2	7	5	1	1	15	16	2.2	8.5	1.5	6.8	7.6	6.7	3.8	0.7	0.7	4.1	3.3	57	60	100.0	0.0	
b. Astrocytoma	7	22	30	27	24	86	110	12.8	48.9	10.6	47.0	26.7	21.1	22.6	19.6	16.8	21.6	20.5	322	406	87.3	0.0	
c. CNS embryonal	3	12	13	4	8	32	40	4.7	18.2	3.9	17.1	11.4	11.5	9.8	2.9	5.6	8.4	7.8	121	149	100.0	0.0	
d. Other gliomas	0	6	2	11	9	19	28	2.8	10.8	2.7	12.0	-	5.7	1.5	8.0	6.3	4.6	5.0	70	102	53.6	0.0	
e. Other specified	0	2	9	12	16	23	39	3.4	13.1	3.8	16.7	-	1.9	6.8	8.7	11.2	5.3	6.6	85	141	84.6	0.0	
f. Unspecified CNS	0	1	0	0	0	1	1	0.1	0.6	0.1	0.4	-	1.0	-	-	-	0.3	0.2	4	4	0.0	100.0	
IV NEUROBLASTOMA	15	27	4	1	1	47	48	7.0	100.0	4.6	100.0	57.2	25.8	3.0	0.7	0.7	13.6	10.7	179	183	100.0	0.0	
a. (Ganglio)neuroblastoma	15	27	4	0	1	46	47	6.8	97.9	4.5	97.9	57.2	25.8	3.0	-	0.7	13.4	10.5	176	179	100.0	0.0	
b. Peripheral nervous	0	0	0	1	0	1	1	0.1	2.1	0.1	2.1	-	-	-	0.7	-	0.2	0.2	4	4	100.0	0.0	
V RETINOBLASTOMA	8	8	2	0	0	18	18	2.7	100.0	1.7	100.0	30.5	7.7	1.5	-	-	5.2	4.0	69	69	83.3	0.0	
VI RENAL TUMOURS	2	24	6	2	3	34	37	5.0	100.0	3.6	100.0	7.6	23.0	4.5	1.5	2.1	9.6	7.9	129	140	100.0	0.0	
a. Nephroblastoma	2	24	6	1	2	33	35	4.9	97.1	3.4	94.6	7.6	23.0	4.5	0.7	1.4	9.4	7.6	126	133	100.0	0.0	
b. Renal carcinoma	0	0	0	1	1	1	2	0.1	2.9	0.2	5.4	-	-	-	0.7	0.7	0.2	0.3	4	7	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	0	6	2	2	1	10	11	1.5	100.0	1.1	100.0	-	5.7	1.5	1.5	0.7	2.7	2.2	38	41	100.0	0.0	
a. Hepatoblastoma	0	6	1	0	0	7	7	1.0	70.0	0.7	63.6	-	5.7	0.8	-	-	2.0	1.6	27	27	100.0	0.0	
b. Hepatic carcinoma	0	0	1	2	1	3	4	0.4	30.0	0.4	36.4	-	-	0.8	1.5	0.7	0.7	0.7	11	15	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	0	6	25	24	31	55	4.6	100.0	5.3	100.0	-	-	4.5	18.1	16.8	6.7	9.0	113	197	92.7	1.8	
a. Osteosarcoma	0	0	3	14	16	17	33	2.5	54.8	3.2	60.0	-	-	2.3	10.2	11.2	3.7	5.4	62	118	93.9	0.0	
b. Chondrosarcoma	0	0	0	1	0	1	1	0.1	3.2	0.1	1.8	-	-	-	0.7	-	0.2	0.2	4	4	100.0	0.0	
c. Ewing & related	0	0	3	9	6	12	18	1.8	38.7	1.7	32.7	-	-	2.3	6.5	4.2	2.6	3.0	44	65	100.0	0.0	
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	0	0	1	2	1	3	0.1	3.2	0.3	5.5	-	-	-	0.7	1.4	0.2	0.5	4	11	33.3	33.3	
IX SOFT TISSUE SARCOMA	3	15	10	18	23	46	69	6.8	100.0	6.7	100.0	11.4	14.4	7.5	13.1	16.1	11.5	12.6	172	252	100.0	0.0	
a. Rhabdomyosarcoma	0	9	6	3	6	18	24	2.7	39.1	2.3	34.8	-	8.6	4.5	2.2	4.2	4.8	4.6	68	89	100.0	0.0	
b. Fibrosarcoma	1	2	1	2	2	6	8	0.9	13.0	0.8	11.6	3.8	1.9	0.8	1.5	1.4	1.6	1.5	22	30	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	3	1	8	11	13	24	1.9	28.3	2.3	34.8	3.8	2.9	0.8	5.8	7.7	3.1	4.1	48	87	100.0	0.0	
e. Unspecified	1	1	2	5	4	9	13	1.3	19.6	1.3	18.8	3.8	1.0	1.5	3.6	2.8	2.1	2.3	33	47	100.0	0.0	
X GERM CELL TUMOURS	7	6	1	5	42	19	61	2.8	100.0	5.9	100.0	26.7	5.7	0.8	3.6	29.5	5.1	10.6	72	219	96.7	0.0	
a. CNS germ cell	1	1	0	0	2	2	4	0.3	10.5	0.4	6.6	3.8	1.0	-	-	1.4	0.6	0.8	8	15	50.0	0.0	
b. Other extragonadal	5	2	0	0	2	7	9	1.0	36.8	0.9	14.8	19.1	1.9	-	-	1.4	2.1	1.9	27	34	100.0	0.0	
c. Gonadal germ cell	1	3	1	5	34	10	44	1.5	52.6	4.2	72.1	3.8	2.9	0.8	3.6	23.8	2.5	7.3	37	156	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	-	0.3	4.9	-	-	-	-	2.1	-	0.5	-	11	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.1	1.6	-	-	-	-	0.7	-	0.2	-	4	100.0	0.0	
XI CARCINOMA & MELANOMA	1	1	5	25	91	32	123	4.7	100.0	11.9	100.0	3.8	1.0	3.8	18.1	63.8	7.1	19.8	117	436	99.2	0.8	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	1	13	42	14	56	2.1	43.8	5.4	45.5	-	-	0.8	9.4	29.5	3.0	8.9	51	198	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Melanoma	1	1	1	5	35	8	43	1.2	25.0	4.1	35.0	3.8	1.0	0.8	3.6	24.6	1.9	7.0	30	152	97.7	2.3	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	0	0	3	7	14	10	24	1.5	31.3	2.3	19.5	-	-	2.3	5.1	9.8	2.2	3.9	37	86	100.0	0.0	
XII OTHER & UNSPECIFIED	0	1	0	0	1	1	2	0.1	100.0	0.2	100.0	-	1.0	-	-	0.7	0.3	0.4	4	7	100.0	0.0	
a. Other specified	0	1	0	0	1	1	2	0.1	100.0	0.2	100.0	-	1.0	-	-	0.7	0.3	0.4	4	7	100.0	0.0	
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	65	246	163	200	363	674	1037	100.0	100.0	100.0	100.0	247.7	235.4	122.8	145.0	254.6	173.8	192.0	2528	3802	94.6	0.3	

† includes 39 non-malignant

Please consult the quality indicators for this registry

USA, Idaho, NH White (1998-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million					0-14	0-19	Number of cases in age groups					ASR per million				
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0			1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	8	55	30	20	23	113	136	58.6	52.6	1.4	1.3	7	39	17	18	21	81	102	44.3	41.1		
a. Lymphoid	3	47	28	14	12	92	104	47.8	40.8	1.5	1.4	2	31	12	15	12	60	72	32.6	29.1		
b. Acute myeloid	2	5	1	4	6	12	18	6.1	6.6	0.9	0.9	2	7	3	1	6	13	19	7.4	7.7		
c. CMD	0	0	1	1	4	2	6	0.9	1.9	0.7	1.0	1	0	1	1	3	3	6	1.5	2.2		
d. MDS & other	3	1	0	1	0	5	5	2.7	2.1	2.5	2.5	1	0	0	1	0	2	2	1.0	0.8		
e. Unspecified	0	2	0	0	1	2	3	1.2	1.2	0.7	1.0	1	1	1	0	0	3	3	1.7	1.3		
II LYMPHOMA & RELATED	0	10	15	15	39	40	79	19.0	26.9	1.5	1.3	2	4	6	14	36	26	62	12.7	21.4		
a. Hodgkin	0	2	4	12	26	18	44	7.9	14.3	1.8	1.2	0	0	1	9	27	10	37	4.4	12.1		
b. Non-Hodgkin except BL	0	5	5	1	12	11	23	5.7	8.1	1.4	1.4	0	0	3	5	9	8	17	3.7	5.7		
c. Burkitt (BL)	0	1	6	2	0	9	9	4.2	3.3	9.0	9.0	0	0	1	0	0	1	1	0.5	0.4		
d. Lymphoreticular	0	2	0	0	0	2	2	1.2	0.9	0.3	0.3	2	4	1	0	0	7	7	4.2	3.2		
e. Unspecified	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	7	26	27	28	33	88	121	43.2	43.8	1.0	1.1	5	24	32	27	25	88	113	45.4	43.2		
a. Ependymoma	2	5	2	0	1	9	10	5.0	4.2	1.5	1.7	0	2	3	1	0	6	6	3.2	2.4		
b. Astrocytoma	3	10	14	11	15	38	53	18.6	19.1	0.8	0.9	4	12	16	16	9	48	57	24.7	22.0		
c. CNS embryonal	2	7	6	4	4	19	23	9.7	8.7	1.5	1.4	1	5	7	0	4	13	17	7.2	6.8		
d. Other gliomas	0	2	0	5	7	7	14	3.2	4.7	0.6	1.0	0	4	2	6	2	12	14	6.0	5.3		
e. Other specified	0	2	5	8	6	15	21	6.8	7.1	1.9	1.2	0	0	4	4	10	8	18	3.7	6.1		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.6	0.5		
IV NEUROBLASTOMA	9	16	3	1	0	29	29	16.2	12.6	1.6	1.5	6	11	1	0	1	18	19	10.8	8.7		
a. (Ganglio)neuroblastoma	9	16	3	0	0	28	28	15.8	12.3	1.6	1.5	6	11	1	0	1	18	19	10.8	8.7		
b. Peripheral nervous	0	0	0	1	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	2	4	2	0	0	8	8	4.4	3.4	0.8	0.8	6	4	0	0	0	10	10	6.1	4.7		
VI RENAL TUMOURS	2	6	2	1	2	11	13	6.0	5.2	0.5	0.5	0	18	4	1	1	23	24	13.4	10.7		
a. Nephroblastoma	2	6	2	1	2	11	13	6.0	5.2	0.5	0.6	0	18	4	0	0	22	22	13.0	10.0		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.4	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	0	3	0	0	1	3	4	1.7	1.7	0.4	0.6	0	3	2	2	0	7	7	3.7	2.9		
a. Hepatoblastoma	0	3	0	0	0	3	3	1.7	1.3	0.8	0.8	0	3	1	0	0	4	4	2.3	1.8		
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.3	0.0	0.3	0	0	1	2	0	3	3	1.4	1.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	3	14	16	17	33	7.1	10.5	1.2	1.5	0	0	3	11	8	14	22	6.3	7.4		
a. Osteosarcoma	0	0	2	9	12	11	23	4.6	7.3	1.8	2.3	0	0	1	5	4	6	10	2.7	3.3		
b. Chondrosarcoma	0	0	0	1	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	3	2	4	6	1.7	1.9	0.5	0.5	0	0	2	6	4	8	12	3.6	4.1		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	1	2	1	3	0.4	0.9	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	3	8	5	10	12	26	38	12.8	13.7	1.3	1.2	0	7	5	8	11	20	31	10.2	11.5		
a. Rhabdomyosarcoma	0	5	4	2	5	11	16	5.6	5.9	1.6	2.0	0	4	2	1	1	7	8	3.9	3.3		
b. Fibrosarcoma	1	0	1	1	1	3	4	1.5	1.4	1.0	1.0	0	2	0	1	1	3	4	1.7	1.6		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	3	0	5	5	9	14	4.3	4.9	2.3	1.4	0	0	1	3	6	4	10	1.8	3.3		
e. Unspecified	1	0	0	2	1	3	4	1.4	1.4	0.5	0.4	0	1	2	3	3	6	9	2.9	3.2		
X GERM CELL TUMOURS	5	3	0	0	34	8	42	4.6	14.2	0.7	2.2	2	3	1	5	8	11	19	5.7	7.0		
a. CNS germ cell	0	0	0	0	2	0	2	-	0.6	0.0	1.0	1	1	0	0	0	2	2	1.2	0.9		
b. Other extragonadal	4	0	0	0	2	4	6	2.3	2.4	1.3	2.0	1	2	0	0	0	3	3	1.8	1.4		
c. Gonadal germ cell	1	3	0	0	28	4	32	2.3	10.5	0.7	2.7	0	0	1	5	6	6	12	2.7	4.0		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.3	-	0.5	0	0	0	0	2	0	2	-	0.6		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	2	5	32	7	39	3.0	12.3	0.3	0.5	1	1	3	20	59	25	84	11.4	27.7		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	1	2	4	3	7	1.3	2.2	0.3	0.1	0	0	0	11	38	11	49	4.8	15.9		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	1	21	1	22	0.4	6.9	0.1	1.0	1	1	1	4	14	7	21	3.5	7.2		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	2	7	3	10	1.3	3.2	0.4	0.7	0	0	2	5	7	7	14	3.2	4.7		
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	0.3	0.0	1.0	0	1	0	0	0	1	1	0.6	0.5		
a. Other specified	0	0	0	0	1	0	1	-	0.3	0.0	1.0	0	1	0	0	0	1	1	0.6	0.5		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	36	131	89	94	193	350	543	176.7	197.1	1.1	1.1	29	115	74	106	170	324	494	170.7	186.7		

† includes 22 non-malignant in males and 17 non-malignant in females

Please consult the quality indicators for this registry

USA, Idaho, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	134 636	127 831
	1-4	536 970	508 095
	5-9	683 479	643 904
	10-14	710 185	668 760
	15-19	722 042	703 560
Total	0-14	2 065 270	1 948 590
	0-19	2 787 312	2 652 150
Average annual population	0-14	137 685	129 906
	0-19	185 821	176 810

Please consult the quality indicators for this registry