

USA, NPCR, Native American (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	31	176	99	78	104	384	488	34.8	100.0	29.3	100.0	34.9	50.6	22.5	16.9	22.2	30.5	28.7	434	545	97.5	1.2
a. Lymphoid	12	148	76	41	52	277	329	25.1	72.1	19.7	67.4	13.5	42.5	17.3	8.9	11.1	22.3	19.8	314	370	98.5	0.9
b. Acute myeloid	9	20	15	29	33	73	106	6.6	19.0	6.4	21.7	10.1	5.7	3.4	6.3	7.1	5.5	5.8	82	117	99.1	0.9
c. CMD	1	1	1	5	9	8	17	0.7	2.1	1.0	3.5	1.1	0.3	0.2	1.1	1.9	0.6	0.9	9	18	82.4	0.0
d. MDS & other	8	4	4	2	4	18	22	1.6	4.7	1.3	4.5	9.0	1.1	0.9	0.4	0.9	1.5	1.3	20	25	100.0	0.0
e. Unspecified	1	3	3	1	6	8	14	0.7	2.1	0.8	2.9	1.1	0.9	0.7	0.2	1.3	0.6	0.8	9	15	78.6	14.3
II LYMPHOMA & RELATED	6	31	24	48	76	109	185	9.9	100.0	11.1	100.0	6.8	8.9	5.5	10.4	16.3	8.1	9.9	122	203	98.4	0.5
a. Hodgkin	0	3	3	13	47	19	66	1.7	17.4	4.0	35.7	-	0.9	0.7	2.8	10.1	1.3	3.3	21	71	100.0	0.0
b. Non-Hodgkin except BL	0	7	12	26	22	45	67	4.1	41.3	4.0	36.2	-	2.0	2.7	5.6	4.7	3.1	3.5	50	73	95.5	1.5
c. Burkitt (BL)	0	4	4	7	5	15	20	1.4	13.8	1.2	10.8	-	1.1	0.9	1.5	1.1	1.1	1.1	17	22	100.0	0.0
d. Lymphoreticular	5	17	5	2	1	29	30	2.6	26.6	1.8	16.2	5.6	4.9	1.1	0.4	0.2	2.4	1.9	33	34	100.0	0.0
e. Unspecified	1	0	0	0	1	1	2	0.1	0.9	0.1	1.1	1.1	-	-	-	0.2	0.1	0.1	1	2	100.0	0.0
III CNS NEOPLASMS †	15	69	84	84	114	252	366	22.8	100.0	21.9	100.0	16.9	19.8	19.1	18.2	24.4	18.9	20.1	283	405	77.3	0.8
a. Ependymoma	4	13	5	4	7	26	33	2.4	10.3	2.0	9.0	4.5	3.7	1.1	0.9	1.5	2.1	2.0	29	37	97.0	3.0
b. Astrocytoma	6	26	32	29	26	93	119	8.4	36.9	7.1	32.5	6.8	7.5	7.3	6.3	5.6	7.0	6.7	104	132	89.9	0.0
c. CNS embryonal	4	14	19	8	11	45	56	4.1	17.9	3.4	15.3	4.5	4.0	4.3	1.7	2.4	3.5	3.2	51	63	98.2	1.8
d. Other gliomas	0	10	15	13	10	38	48	3.4	15.1	2.9	13.1	-	2.9	3.4	2.8	2.1	2.8	2.7	43	53	43.8	0.0
e. Other specified	1	3	11	27	52	42	94	3.8	16.7	5.6	25.7	1.1	0.9	2.5	5.9	11.1	2.9	4.7	46	102	61.7	0.0
f. Unspecified CNS	0	3	2	3	8	8	16	0.7	3.2	1.0	4.4	-	0.9	0.5	0.7	1.7	0.6	0.9	9	18	62.5	6.3
IV NEUROBLASTOMA	23	34	5	1	2	63	65	5.7	100.0	3.9	100.0	25.9	9.8	1.1	0.2	0.4	5.5	4.3	72	74	100.0	0.0
a. (Ganglio)neuroblastoma	23	34	5	1	0	63	63	5.7	100.0	3.8	96.9	25.9	9.8	1.1	0.2	-	5.5	4.2	72	72	100.0	0.0
b. Peripheral nervous	0	0	0	0	2	0	2	-	-	0.1	3.1	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
V RETINOBLASTOMA	8	11	2	0	1	21	22	1.9	100.0	1.3	100.0	9.0	3.2	0.5	-	0.2	1.8	1.5	24	25	77.3	4.5
VI RENAL TUMOURS	8	39	7	2	5	56	61	5.1	100.0	3.7	100.0	9.0	11.2	1.6	0.4	1.1	4.8	4.0	64	69	98.4	0.0
a. Nephroblastoma	8	39	5	0	1	52	53	4.7	92.9	3.2	86.9	9.0	11.2	1.1	-	0.2	4.5	3.6	59	61	100.0	0.0
b. Renal carcinoma	0	0	2	2	4	4	8	0.4	7.1	0.5	13.1	-	-	0.5	0.4	0.9	0.3	0.4	4	9	87.5	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	6	15	3	2	3	26	29	2.4	100.0	1.7	100.0	6.8	4.3	0.7	0.4	0.6	2.2	1.9	30	33	100.0	0.0
a. Hepatoblastoma	6	14	3	0	0	23	23	2.1	88.5	1.4	79.3	6.8	4.0	0.7	-	-	2.0	1.5	26	26	100.0	0.0
b. Hepatic carcinoma	0	1	0	2	3	3	6	0.3	11.5	0.4	20.7	-	0.3	-	0.4	0.6	0.2	0.3	3	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	3	17	33	41	53	94	4.8	100.0	5.6	100.0	-	0.9	3.9	7.2	8.8	3.6	4.8	59	102	95.7	2.1
a. Osteosarcoma	0	0	11	21	26	32	58	2.9	60.4	3.5	61.7	-	-	2.5	4.6	5.6	2.1	2.9	35	63	98.3	0.0
b. Chondrosarcoma	0	0	1	0	2	1	3	0.1	1.9	0.2	3.2	-	-	0.2	-	0.4	0.1	0.2	1	3	100.0	0.0
c. Ewing & related	0	3	4	10	9	17	26	1.5	32.1	1.6	27.7	-	0.9	0.9	2.2	1.9	1.2	1.4	19	28	96.2	3.8
d. Other specified	0	0	1	1	1	2	3	0.2	3.8	0.2	3.2	-	-	0.2	0.2	0.2	0.1	0.2	2	3	100.0	0.0
e. Unspecified	0	0	0	1	3	1	4	0.1	1.9	0.2	4.3	-	-	-	0.2	0.6	0.1	0.2	1	4	50.0	25.0
IX SOFT TISSUE SARCOMA	6	26	12	23	40	67	107	6.1	100.0	6.4	100.0	6.8	7.5	2.7	5.0	8.6	5.2	5.9	75	118	100.0	0.0
a. Rhabdomyosarcoma	1	19	3	7	7	30	37	2.7	44.8	2.2	34.6	1.1	5.5	0.7	1.5	1.5	2.4	2.2	34	41	100.0	0.0
b. Fibrosarcoma	4	0	2	1	2	7	9	0.6	10.4	0.5	8.4	4.5	-	0.5	0.2	0.4	0.6	0.5	8	10	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	6	6	13	27	26	53	2.4	38.8	3.2	49.5	1.1	1.7	1.4	2.8	5.8	1.9	2.8	29	58	100.0	0.0
e. Unspecified	0	1	1	2	4	4	8	0.4	6.0	0.5	7.5	-	0.3	0.2	0.4	0.9	0.3	0.4	4	9	100.0	0.0
X GERM CELL TUMOURS	8	5	4	16	66	33	99	3.0	100.0	5.9	100.0	9.0	1.4	0.9	3.5	14.1	2.5	5.1	37	107	98.0	0.0
a. CNS germ cell	2	1	1	8	3	12	15	1.1	36.4	0.9	15.2	2.3	0.3	0.2	1.7	0.6	0.8	0.8	13	16	93.3	0.0
b. Other extragonadal	4	1	2	0	9	7	16	0.6	21.2	1.0	16.2	4.5	0.3	0.5	-	1.9	0.6	0.9	8	18	93.8	0.0
c. Gonadal germ cell	2	3	1	7	52	13	65	1.2	39.4	3.9	65.7	2.3	0.9	0.2	1.5	11.1	1.0	3.2	14	70	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	-	0.1	1.0	-	-	-	-	0.2	-	0.0	-	1	100.0	0.0
e. Unspecified gonadal	0	0	0	1	1	1	2	0.1	3.0	0.1	2.0	-	-	-	0.2	0.2	0.1	0.1	1	2	100.0	0.0
XI CARCINOMA & MELANOMA	1	4	7	24	107	36	143	3.3	100.0	8.6	100.0	1.1	1.1	1.6	5.2	22.9	2.5	7.1	40	154	100.0	0.0
a. Adrenocortical	1	3	1	0	0	5	5	0.5	13.9	0.3	3.5	1.1	0.9	0.2	-	-	0.4	0.3	6	6	100.0	0.0
b. Thyroid	0	1	2	10	44	13	57	1.2	36.1	3.4	39.9	-	0.3	0.5	2.2	9.4	0.9	2.8	14	61	100.0	0.0
c. Nasopharyngeal	0	0	0	3	8	3	11	0.3	8.3	0.7	7.7	-	-	-	0.7	1.7	0.2	0.5	3	12	100.0	0.0
d. Melanoma	0	0	3	5	10	8	18	0.7	22.2	1.1	12.6	-	-	0.7	1.1	2.1	0.5	0.9	9	20	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	1	6	45	7	52	0.6	19.4	3.1	36.4	-	-	0.2	1.3	9.6	0.5	2.5	8	56	100.0	0.0
XII OTHER & UNSPECIFIED	3	1	0	1	4	5	9	0.5	100.0	0.5	100.0	3.4	0.3	-	0.2	0.9	0.4	0.5	6	10	77.8	11.1
a. Other specified	2	1	0	0	1	3	4	0.3	60.0	0.2	44.4	2.3	0.3	-	-	0.2	0.3	0.3	3	5	100.0	0.0
b. Other unspecified	1	0	0	1	3	2	5	0.2	40.0	0.3	55.6	1.1	-	-	-	0.2	0.6	0.2	2	5	60.0	20.0
TOTAL	115	414	264	312	563	1105	1668	100.0	100.0	100.0	100.0	129.6	119.0	60.0	67.7	120.4	85.9	93.6	1244	1846	93.3	0.8

† includes 104 non-malignant

Please consult the quality indicators for the constituent registries

USA, NPCR, Native American (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	16	102	56	35	61	209	270	33.0	31.3	1.2	1.2	15	74	43	43	43	175	218	27.9	25.9		
a. Lymphoid	5	86	43	22	38	156	194	24.8	22.8	1.3	1.4	7	62	33	19	14	121	135	19.8	16.7		
b. Acute myeloid	5	12	9	9	15	35	50	5.4	5.6	0.9	0.9	4	8	6	20	18	38	56	5.6	6.1		
c. CMD	0	1	0	3	4	4	8	0.5	0.8	1.0	0.9	1	0	1	2	5	4	9	0.6	0.9		
d. MDS & other	5	2	2	0	1	9	10	1.5	1.3	1.0	0.8	3	2	2	2	3	9	12	1.5	1.4		
e. Unspecified	1	1	2	1	3	5	8	0.8	0.9	1.7	1.3	0	2	1	0	3	3	6	0.5	0.7		
II LYMPHOMA & RELATED	4	22	15	38	37	79	116	11.4	12.3	2.6	1.7	2	9	9	10	39	30	69	4.6	7.4		
a. Hodgkin	0	2	2	9	21	13	34	1.8	3.3	2.2	1.1	0	3	1	1	4	26	6	32	0.8	3.2	
b. Non-Hodgkin except BL	0	6	7	21	12	34	46	4.7	4.7	3.1	2.2	0	1	5	5	10	11	21	1.6	2.2		
c. Burkitt (BL)	0	4	3	6	3	13	16	1.9	1.7	6.5	4.0	0	0	1	1	2	2	4	0.3	0.4		
d. Lymphoreticular	3	10	3	2	0	18	18	3.0	2.3	1.6	1.5	2	7	2	0	1	11	12	1.9	1.6		
e. Unspecified	1	0	0	0	1	1	2	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	7	42	46	46	51	141	192	20.9	21.0	1.3	1.1	8	27	38	38	63	111	174	16.8	19.3		
a. Ependymoma	1	10	2	3	7	16	23	2.6	2.7	1.6	2.3	3	3	3	1	0	10	10	1.7	1.3		
b. Astrocytoma	5	13	20	14	13	52	65	7.8	7.2	1.3	1.2	1	13	12	15	13	41	54	6.2	6.1		
c. CNS embryonal	0	6	14	6	6	26	32	3.8	3.5	1.4	1.3	4	8	5	2	5	19	24	3.2	2.9		
d. Other gliomas	0	8	5	6	4	19	23	2.9	2.6	1.0	0.9	0	2	10	7	6	19	25	2.7	2.7		
e. Other specified	1	2	3	17	16	23	39	3.1	3.9	1.2	0.7	0	1	8	10	36	19	55	2.6	5.6		
f. Unspecified CNS	0	3	2	0	5	5	10	0.8	1.1	1.7	1.7	0	0	0	3	3	3	6	0.4	0.6		
IV NEUROBLASTOMA	7	14	3	0	1	24	25	4.1	3.3	0.6	0.6	16	20	2	1	1	39	40	6.9	5.5		
a. (Ganglioneuroblastoma	7	14	3	0	0	24	24	4.1	3.2	0.6	0.6	16	20	2	1	0	39	39	6.9	5.4		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1		
V RETINOBLASTOMA	5	4	1	0	1	10	11	1.7	1.4	0.9	1.0	3	7	1	0	0	11	11	1.9	1.5		
VI RENAL TUMOURS	5	15	2	0	1	22	23	3.8	3.0	0.6	0.6	3	24	5	2	4	34	38	5.9	4.9		
a. Nephroblastoma	5	15	1	0	0	21	21	3.6	2.8	0.7	0.7	3	24	4	0	1	31	32	5.5	4.3		
b. Renal carcinoma	0	0	1	0	1	1	2	0.1	0.2	0.3	0.3	0	0	1	2	3	3	6	0.4	0.6		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	3	11	1	2	3	17	20	2.8	2.5	1.9	2.2	3	4	2	0	0	9	9	1.6	1.2		
a. Hepatoblastoma	3	11	1	0	0	15	15	2.6	2.0	1.9	1.9	3	3	2	0	0	8	8	1.4	1.1		
b. Hepatic carcinoma	0	0	0	2	3	2	5	0.2	0.5	2.0	5.0	0	1	0	0	0	1	1	0.2	0.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	3	13	16	18	32	50	4.4	5.1	1.5	1.1	0	0	4	17	23	21	44	2.8	4.4		
a. Osteosarcoma	0	0	8	9	12	17	29	2.3	2.9	1.1	1.0	0	0	3	12	14	15	29	2.0	2.9		
b. Chondrosarcoma	0	0	1	0	1	1	2	0.1	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1		
c. Ewing & related	0	3	3	7	2	13	15	1.8	1.6	3.3	1.4	0	0	1	3	7	4	11	0.5	1.1		
d. Other specified	0	0	1	0	0	1	1	0.1	0.1	1.0	0.5	0	0	0	1	1	1	2	0.1	0.2		
e. Unspecified	0	0	0	0	3	0	3	-	0.3	0.0	3.0	0	0	0	1	0	1	1	0.1	0.1		
IX SOFT TISSUE SARCOMA	4	16	5	11	23	36	59	5.6	6.5	1.2	1.2	2	10	7	12	17	31	48	4.7	5.4		
a. Rhabdomyosarcoma	1	11	1	4	4	17	21	2.7	2.5	1.3	1.3	0	8	2	3	3	13	16	2.1	1.9		
b. Fibrosarcoma	3	0	0	1	1	4	5	0.6	0.6	1.3	1.3	1	0	2	0	1	3	4	0.5	0.5		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	4	4	5	15	13	28	1.9	2.9	1.0	1.1	1	2	2	8	12	13	25	1.9	2.6		
e. Unspecified	0	1	0	1	3	2	5	0.3	0.5	1.0	1.7	0	0	1	1	1	2	3	0.3	0.3		
X GERM CELL TUMOURS	2	3	2	10	48	17	65	2.4	6.3	1.1	1.9	6	2	2	6	18	16	34	2.5	3.7		
a. CNS germ cell	1	0	1	6	3	8	11	1.1	1.1	2.0	2.8	1	1	0	2	0	4	4	0.6	0.5		
b. Other extragonadal	0	0	1	0	4	1	5	0.1	0.5	0.2	0.5	4	1	1	0	5	6	11	1.0	1.3		
c. Gonadal germ cell	1	3	0	4	41	8	49	1.2	4.8	1.6	3.1	1	0	1	3	11	5	16	0.7	1.6		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.1	0.2		
XI CARCINOMA & MELANOMA	1	1	3	12	32	17	49	2.3	4.8	0.9	0.5	0	3	4	12	75	19	94	2.7	9.5		
a. Adrenocortical	1	0	0	0	0	1	1	0.2	0.1	0.3	0.3	0	3	1	0	0	4	4	0.7	0.5		
b. Thyroid	0	1	1	6	8	8	16	1.1	1.6	1.6	0.4	0	0	1	4	36	5	41	0.7	4.1		
c. Nasopharyngeal	0	0	0	2	6	2	8	0.2	0.8	2.0	2.7	0	0	0	1	2	1	3	0.1	0.3		
d. Melanoma	0	0	1	1	3	2	5	0.3	0.5	0.3	0.4	0	0	2	4	7	6	13	0.8	1.3		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	3	15	4	19	0.5	1.8	1.3	0.6	0	0	0	3	30	3	33	0.4	3.3		
XII OTHER & UNSPECIFIED	1	0	0	1	1	2	3	0.3	0.3	0.7	0.5	2	1	0	0	3	3	6	0.5	0.7		
a. Other specified	1	0	0	0	0	1	1	0.2	0.1	0.5	0.3	1	1	0	0	1	2	3	0.4	0.4		
b. Other unspecified	0	0	0	1	1	1	2	0.1	0.2	1.0	0.7	1	0	0	0	2	1	3	0.2	0.3		
TOTAL	55	233	147	171	277	606	883	92.8	97.8	1.2	1.1	60	181	117	141	286	499	785	78.8	89.4		

† includes 48 non-malignant in males and 56 non-malignant in females

Please consult the quality indicators for the constituent registries

USA, NPCR, Native American (1998-2012)

	Age group	Males	Females
Person-years	0	450 078	437 402
	1-4	1 768 038	1 712 094
	5-9	2 234 320	2 167 216
	10-14	2 332 442	2 278 999
	15-19	2 408 033	2 267 138
Total	0-14	6 784 878	6 595 711
	0-19	9 192 911	8 862 849
Average annual population	0-14	452 325	439 714
	0-19	612 861	590 857

Please consult the quality indicators for the constituent registries

USA, NPCR, Native American (1998-2012)

Registry	Period	Cases	%	Person-years	%
Alabama	1998-2012	5	0.3	138 295	0.8
Alaska	1998-2012	154	9.2	700 022	3.9
Arizona	1998-2012	249	14.9	1 941 195	10.8
Arkansas	1998-2012	8	0.5	120 551	0.7
California	1998-2012	103	6.2	3 168 323	17.5
Colorado	1998-2012	23	1.4	388 276	2.2
Delaware	1998-2012	0	0.0	23 301	0.1
District of Columbia	1998-2012	2	0.1	11 019	0.1
Florida	1998-2012	18	1.1	386 774	2.1
Georgia	1998-2012	9	0.5	197 045	1.1
Idaho	1998-2012	15	0.9	144 328	0.8
Illinois	1998-2012	11	0.7	340 728	1.9
Indiana	1998-2012	1	0.1	116 915	0.6
Kansas	1998-2012	7	0.4	196 377	1.1
Kentucky	1998-2012	2	0.1	45 098	0.2
Louisiana	1998-2012	3	0.2	162 310	0.9
Maine	1998-2012	5	0.3	47 682	0.3
Maryland	1998-2012	8	0.5	128 546	0.7
Massachusetts	1998-2012	10	0.6	142 092	0.8
Michigan	1998-2012	35	2.1	425 478	2.4
Minnesota	1998-2012	58	3.5	432 330	2.4
Mississippi	2002-2012	10	0.6	64 660	0.4
Missouri	1998-2012	5	0.3	165 987	0.9
Montana	1998-2012	70	4.2	405 895	2.2
Nebraska	1998-2012	13	0.8	140 811	0.8
Nevada	1998-2012	15	0.9	213 479	1.2
New Hampshire	1998-2012	1	0.1	19 719	0.1
New Jersey	1998-2012	6	0.4	208 976	1.2
New York State	1998-2012	24	1.4	838 487	4.6
North Carolina	1998-2012	53	3.2	674 088	3.7
North Dakota	1998-2012	42	2.5	234 062	1.3
Ohio	1998-2012	7	0.4	160 087	0.9
Oklahoma	1998-2012	345	20.7	2 050 180	11.4
Oregon	1998-2012	41	2.5	370 293	2.1
Pennsylvania	1998-2012	9	0.5	179 635	1.0
Rhode Island	1998-2012	3	0.2	49 849	0.3
South Carolina	1998-2012	2	0.1	98 597	0.5
South Dakota	2001-2012	50	3.0	401 309	2.2
Tennessee	1999-2012	7	0.4	94 691	0.5
Texas	1998-2012	60	3.6	1 083 009	6.0
Vermont	1998-2012	0	0.0	13 278	0.1
Virginia	1998-2012	4	0.2	159 528	0.9
Washington State	1998-2012	106	6.4	725 331	4.0
West Virginia	1998-2012	0	0.0	12 927	0.1
Wisconsin	1998-2012	55	3.3	348 937	1.9
Wyoming	1998-2012	14	0.8	85 260	0.5
USA	1998-2012	1668	100.0	18 055 760	100.0

Please consult the quality indicators for the constituent registries