

USA, District of Columbia (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	7	27	13	14	14	61	75	24.8	100.0	22.2	100.0	62.9	70.1	29.5	32.3	24.3	45.4	40.7	651	773	92.0	5.3	
a. Lymphoid	2	17	12	6	7	37	44	15.0	60.7	13.0	58.7	18.0	44.2	27.2	13.8	12.1	27.6	24.1	397	457	90.9	4.5	
b. Acute myeloid	1	7	1	6	4	15	19	6.1	24.6	5.6	25.3	9.0	18.2	2.3	13.8	6.9	11.0	10.1	161	196	100.0	0.0	
c. CMD	1	0	0	1	3	2	5	0.8	3.3	1.5	6.7	9.0	-	-	2.3	5.2	1.4	2.3	22	48	80.0	20.0	
d. MDS & other	3	1	0	1	0	5	5	2.0	8.2	1.5	6.7	27.0	2.6	-	2.3	-	3.8	2.9	52	52	100.0	0.0	
e. Unspecified	0	2	0	0	0	2	2	0.8	3.3	0.6	2.7	-	5.2	-	-	-	1.6	1.2	20	20	50.0	50.0	
II LYMPHOMA & RELATED	3	4	4	14	21	25	46	10.2	100.0	13.6	100.0	27.0	10.4	9.1	32.3	36.4	17.8	22.0	277	459	87.0	2.2	
a. Hodgkin	0	0	1	5	13	6	19	2.4	24.0	5.6	41.3	-	-	2.3	11.5	22.5	4.1	8.2	69	182	78.9	0.0	
b. Non-Hodgkin except BL	0	2	2	7	7	11	18	4.5	44.0	5.3	39.1	-	5.2	4.5	16.1	12.1	7.7	8.7	124	184	100.0	0.0	
c. Burkitt (BL)	0	2	1	1	0	4	4	1.6	16.0	1.2	8.7	-	5.2	2.3	2.3	-	3.0	2.3	43	43	100.0	0.0	
d. Lymphoreticular	2	0	0	0	0	2	2	0.8	8.0	0.6	4.3	18.0	-	-	-	-	1.6	1.2	20	20	100.0	0.0	
e. Unspecified	1	0	0	1	1	2	3	0.8	8.0	0.9	6.5	9.0	-	-	2.3	1.7	1.4	1.5	22	30	33.3	33.3	
III CNS NEOPLASMS †	2	15	15	17	14	49	63	19.9	100.0	18.6	100.0	18.0	39.0	34.0	39.2	24.3	35.6	33.1	537	659	79.4	0.0	
a. Ependymoma	0	2	2	2	1	6	7	2.4	12.2	2.1	11.1	-	5.2	4.5	4.6	1.7	4.4	3.8	66	75	100.0	0.0	
b. Astrocytoma	0	3	6	6	5	15	20	6.1	30.6	5.9	31.7	-	7.8	13.6	13.8	8.7	10.7	10.3	167	211	90.0	0.0	
c. CNS embryonal	1	7	2	6	1	16	17	6.5	32.7	5.0	27.0	9.0	18.2	4.5	13.8	1.7	11.7	9.5	172	181	88.2	0.0	
d. Other gliomas	0	2	3	1	1	6	7	2.4	12.2	2.1	11.1	-	5.2	6.8	2.3	1.7	4.4	3.8	66	74	42.9	0.0	
e. Other specified	0	1	1	1	4	3	7	1.2	6.1	2.1	11.1	-	2.6	2.3	2.3	6.9	2.2	3.3	33	68	71.4	0.0	
f. Unspecified CNS	1	0	1	1	2	3	5	1.2	6.1	1.5	7.9	9.0	-	2.3	2.3	3.5	2.2	2.5	33	50	40.0	0.0	
IV NEUROBLASTOMA	11	9	0	0	1	20	21	8.1	100.0	6.2	100.0	98.9	23.4	-	-	1.7	15.6	12.5	201	210	85.7	0.0	
a. (Ganglio)neuroblastoma	11	9	0	0	1	20	21	8.1	100.0	6.2	100.0	98.9	23.4	-	-	1.7	15.6	12.5	201	210	85.7	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V RETINOBLASTOMA	5	7	0	0	0	12	12	4.9	100.0	3.6	100.0	44.9	18.2	-	-	-	9.4	7.3	121	121	58.3	0.0	
VI RENAL TUMOURS	3	8	6	2	0	19	19	7.7	100.0	5.6	100.0	27.0	20.8	13.6	4.6	-	14.3	11.1	202	202	94.7	5.3	
a. Nephroblastoma	2	8	6	1	0	17	17	6.9	89.5	5.0	89.5	18.0	20.8	13.6	2.3	-	12.9	10.0	180	180	100.0	0.0	
b. Renal carcinoma	0	0	0	1	0	1	1	0.4	5.3	0.3	5.3	-	-	-	2.3	-	0.7	0.5	12	12	100.0	0.0	
c. Unspecified	1	0	0	0	0	1	1	0.4	5.3	0.3	5.3	9.0	-	-	-	-	0.8	0.6	10	10	0.0	100.0	
VII HEPATIC TUMOURS	2	1	0	2	0	5	5	2.0	100.0	1.5	100.0	18.0	2.6	-	4.6	-	3.7	2.9	53	53	80.0	20.0	
a. Hepatoblastoma	1	1	0	0	0	2	2	0.8	40.0	0.6	40.0	9.0	2.6	-	-	-	1.6	1.2	20	20	100.0	0.0	
b. Hepatic carcinoma	0	0	0	2	0	2	2	0.8	40.0	0.6	40.0	-	-	-	4.6	-	1.3	1.0	23	23	100.0	0.0	
c. Unspecified	1	0	0	0	0	1	1	0.4	20.0	0.3	20.0	9.0	-	-	-	-	0.8	0.6	10	10	0.0	100.0	
VIII BONE TUMOURS	0	0	4	5	9	9	18	3.7	100.0	5.3	100.0	-	-	9.1	11.5	15.6	6.3	8.4	103	181	94.4	0.0	
a. Osteosarcoma	0	0	2	5	6	7	13	2.8	77.8	3.8	72.2	-	-	4.5	11.5	10.4	4.8	6.1	80	132	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Ewing & related	0	0	1	0	1	1	2	0.4	11.1	0.6	11.1	-	-	2.3	-	1.7	0.7	1.0	11	20	100.0	0.0	
d. Other specified	0	0	1	0	1	1	2	0.4	11.1	0.6	11.1	-	-	2.3	-	1.7	0.7	1.0	11	20	100.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.3	5.6	-	-	-	-	1.7	-	0.4	-	9	9	0.0	0.0
IX SOFT TISSUE SARCOMA	1	7	5	8	8	21	29	8.5	100.0	8.6	100.0	9.0	18.2	11.3	18.4	13.9	15.3	14.9	230	299	89.7	0.0	
a. Rhabdomyosarcoma	0	3	3	5	0	11	11	4.5	52.4	3.3	37.9	-	7.8	6.8	11.5	-	7.9	6.1	122	122	90.9	0.0	
b. Fibrosarcoma	0	0	0	0	1	0	1	-	-	0.3	3.4	-	-	-	-	1.7	-	0.4	-	9	9	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	4	2	3	4	10	14	4.1	47.6	4.1	48.3	9.0	10.4	4.5	6.9	6.9	7.4	7.3	108	142	92.9	0.0	
e. Unspecified	0	0	0	0	3	0	3	-	-	0.9	10.3	-	-	-	-	5.2	-	1.2	-	26	26	66.7	0.0
X GERM CELL TUMOURS	0	1	2	5	7	8	15	3.3	100.0	4.4	100.0	-	2.6	4.5	11.5	12.1	5.6	7.1	90	151	93.3	0.0	
a. CNS germ cell	0	0	1	1	0	2	2	0.8	25.0	0.6	13.3	-	-	2.3	2.3	-	1.4	1.1	23	23	100.0	0.0	
b. Other extragonadal	0	1	1	0	1	2	3	0.8	25.0	0.9	20.0	-	2.6	2.3	-	1.7	1.5	1.6	21	30	100.0	0.0	
c. Gonadal germ cell	0	0	0	2	5	2	7	0.8	25.0	2.1	46.7	-	-	-	4.6	8.7	1.3	3.0	23	66	100.0	0.0	
d. Gonadal carcinoma	0	0	0	1	0	1	1	0.4	12.5	0.3	6.7	-	-	-	2.3	-	0.7	0.5	12	12	100.0	0.0	
e. Unspecified gonadal	0	0	0	1	1	1	2	0.4	12.5	0.6	13.3	-	-	-	2.3	1.7	0.7	0.9	12	20	50.0	0.0	
XI CARCINOMA & MELANOMA	2	0	3	5	17	10	27	4.1	100.0	8.0	100.0	18.0	-	6.8	11.5	29.5	7.1	12.1	112	259	96.3	0.0	
a. Adrenocortical	0	0	0	0	1	0	1	-	-	0.3	3.7	-	-	-	1.7	-	0.4	-	9	9	100.0	0.0	
b. Thyroid	1	0	3	2	5	6	11	2.4	60.0	3.3	40.7	9.0	-	6.8	4.6	8.7	4.3	5.3	67	111	100.0	0.0	
c. Nasopharyngeal	0	0	0	1	0	1	1	0.4	10.0	0.3	3.7	-	-	-	2.3	-	0.7	0.5	12	12	100.0	0.0	
d. Melanoma	1	0	0	1	1	2	3	0.8	20.0	0.9	11.1	9.0	-	-	2.3	1.7	1.4	1.5	22	30	66.7	0.0	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	0	0	0	1	10	1	11	0.4	10.0	3.3	40.7	-	-	-	2.3	17.3	0.7	4.4	12	98	100.0	0.0	
XII OTHER & UNSPECIFIED	2	1	3	1	1	7	8	2.8	100.0	2.4	100.0	18.0	2.6	6.8	2.3	1.7	5.2	4.4	76	84	25.0	37.5	
a. Other specified	0	0	1	0	0	1	1	0.4	14.3	0.3	12.5	-	-	2.3	-	-	0.7	0.6	11	11	100.0	0.0	
b. Other unspecified	2	1	2	1	1	6	7	2.4	85.7	2.1	87.5	18.0	2.6	4.5	2.3	1.7	4.5	3.9	64	73	14.3	42.9	
TOTAL	38	80	55	73	92	246	338	100.0	100.0	100.0	100.0	341.6	207.8	124.8	168.3	159.5	181.2	176.3	2654	3452	86.1	3.0	

† includes 11 non-malignant

Please consult the quality indicators for this registry

USA, District of Columbia (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	3	17	7	11	11	38	49	55.5	52.0	1.7	1.9	4	10	6	3	3	23	26	35.1	29.4		
a. Lymphoid	0	10	6	5	6	21	27	30.7	28.7	1.3	1.6	2	7	6	1	1	16	17	24.5	19.7		
b. Acute myeloid	0	4	1	5	2	10	12	14.2	12.7	2.0	1.7	1	3	0	1	2	5	7	7.7	7.5		
c. CMD	1	0	0	0	3	1	4	1.5	3.6	1.0	4.0	0	0	0	1	0	1	1	1.3	1.0		
d. MDS & other	2	1	0	1	0	4	4	5.9	4.6	4.0	4.0	1	0	0	0	0	1	1	1.6	1.2		
e. Unspecified	0	2	0	0	0	2	2	3.1	2.4	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	1	2	4	11	12	18	30	25.1	29.3	2.6	1.9	2	2	0	3	9	7	16	10.4	14.7		
a. Hodgkin	0	0	1	5	7	6	13	8.1	12.0	-	2.2	0	0	0	0	6	0	6	-	4.5		
b. Non-Hodgkin except BL	0	0	2	5	4	7	11	9.6	10.7	1.8	1.6	0	2	0	2	3	4	7	5.9	6.8		
c. Burkitt (BL)	0	2	1	0	0	3	3	4.5	3.5	3.0	3.0	0	0	0	1	0	1	1	1.3	1.0		
d. Lymphoreticular	1	0	0	0	0	1	1	1.5	1.2	1.0	1.0	1	0	0	0	0	1	1	1.6	1.2		
e. Unspecified	0	0	0	1	1	1	2	1.3	1.9	1.0	2.0	1	0	0	0	0	1	1	1.6	1.2		
III CNS NEOPLASMS †	0	6	6	8	6	20	26	28.6	27.1	0.7	0.7	2	9	9	9	8	29	37	42.8	39.1		
a. Ependymoma	0	1	1	0	1	2	3	3.0	3.1	0.5	0.8	0	1	1	2	0	4	4	5.8	4.5		
b. Astrocytoma	0	2	2	4	3	8	11	11.3	11.2	1.1	1.2	0	1	4	2	2	7	9	10.2	9.4		
c. CNS embryonal	0	3	1	2	0	6	6	8.7	6.8	0.6	0.5	1	4	1	4	1	10	11	14.8	12.2		
d. Other gliomas	0	0	1	1	0	2	2	2.8	2.2	0.5	0.4	0	2	2	0	1	4	5	6.1	5.5		
e. Other specified	0	0	0	0	1	0	1	-	0.8	0.0	0.2	0	1	1	1	3	3	6	4.4	5.6		
f. Unspecified CNS	0	0	1	1	1	2	3	2.8	3.0	2.0	1.5	1	0	0	0	1	1	2	1.6	2.0		
IV NEUROBLASTOMA	7	4	0	0	0	11	11	16.9	13.1	1.2	1.1	4	5	0	0	1	9	10	14.3	11.8		
a. (Ganglio)neuroblastoma	7	4	0	0	0	11	11	16.9	13.1	1.2	1.1	4	5	0	0	1	9	10	14.3	11.8		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	4	3	0	0	0	7	7	10.7	8.3	1.4	1.4	1	4	0	0	0	5	5	7.9	6.2		
VI RENAL TUMOURS	3	4	4	1	0	12	12	17.9	13.9	1.7	1.7	0	4	2	1	0	7	7	10.6	8.2		
a. Nephroblastoma	2	4	4	0	0	10	10	15.0	11.6	1.4	1.4	0	4	2	1	0	7	7	10.6	8.2		
b. Renal carcinoma	0	0	0	1	0	1	1	1.3	1.0	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	1	0	0	0	0	1	1	1.5	1.2	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	1	0	1	0	3	3	4.4	3.4	1.5	1.5	1	0	0	1	0	2	2	2.9	2.3		
a. Hepatoblastoma	1	1	0	0	0	2	2	3.1	2.4	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	0	1	0	1	1	1.3	1.0	1.0	1.0	0	0	0	1	0	1	1	1.3	1.0		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	1.6	1.2		
VIII BONE TUMOURS	0	0	4	3	5	7	12	9.8	11.7	3.5	2.0	0	0	0	2	4	2	6	2.7	5.1		
a. Osteosarcoma	0	0	2	3	3	5	8	6.9	7.8	2.5	1.6	0	0	0	2	3	2	5	2.7	4.3		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	0	1	1	2	1.5	1.9	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	1	0	1	1	2	1.5	1.9	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7		
IX SOFT TISSUE SARCOMA	1	5	5	1	5	12	17	17.8	17.9	1.3	1.4	0	2	0	7	3	9	12	12.6	12.0		
a. Rhabdomyosarcoma	0	1	3	1	0	5	5	7.2	5.6	0.8	0.8	0	2	0	4	0	6	6	8.6	6.6		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	4	2	0	3	7	10	10.6	10.7	2.3	2.5	0	0	0	3	1	3	4	4.0	3.9		
e. Unspecified	0	0	0	0	2	0	2	-	1.6	-	2.0	0	0	0	0	1	0	1	-	0.7		
X GERM CELL TUMOURS	0	1	1	2	3	4	7	5.7	6.8	1.0	0.9	0	0	1	3	4	4	8	5.5	7.2		
a. CNS germ cell	0	0	1	1	0	2	2	2.8	2.2	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	1	0	0	0	1	1	1.5	1.2	1.0	0.5	0	0	1	0	1	1	2	1.5	1.9		
c. Gonadal germ cell	0	0	0	1	3	1	4	1.3	3.5	1.0	1.3	0	0	0	1	2	1	3	1.3	2.5		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	1.3	1.0		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	1.3	1.8		
XI CARCINOMA & MELANOMA	0	0	1	1	6	2	8	2.8	7.1	0.3	0.4	2	0	2	4	11	8	19	11.5	17.1		
a. Adrenocortical	0	0	0	0	1	0	1	-	0.8	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	1	0	1	1	2	1.5	1.9	0.2	0.2	1	0	2	2	4	5	9	7.2	8.6		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	1.3	1.0		
d. Melanoma	0	0	0	1	0	1	1	1.3	1.0	1.0	0.5	1	0	0	0	1	1	2	1.6	2.0		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	0	4	0	4	-	3.3	0.0	0.6	0	0	0	1	6	1	7	1.3	5.5		
XII OTHER & UNSPECIFIED	1	1	0	0	1	2	3	3.1	3.2	0.4	0.6	1	0	3	1	0	5	5	7.3	5.7		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	1.5	1.1		
b. Other unspecified	1	1	0	0	1	2	3	3.1	3.2	0.5	0.8	1	0	2	1	0	4	4	5.9	4.6		
TOTAL	21	44	32	39	49	136	185	198.2	193.8	1.2	1.2	17	36	23	34	43	110	153	163.7	158.9		

† includes 3 non-malignant in males and 8 non-malignant in females

Please consult the quality indicators for this registry

USA, District of Columbia (1998-2012)

	Age group	Males	Females
Person-years	0	56 705	54 549
	1-4	195 683	189 349
	5-9	221 438	219 113
	10-14	218 112	215 694
	15-19	274 536	302 393
Total	0-14	691 938	678 705
	0-19	966 474	981 098
Average annual population	0-14	46 129	45 247
	0-19	64 432	65 407

Please consult the quality indicators for this registry