

## USA, Maryland (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
<b>I LEUKAEMIA</b>	39	278	158	156	138	631	769	27.6	100.0	21.8	100.0	35.6	64.0	28.4	26.5	23.7	39.4	35.9	566	685	86.0	0.8
a. Lymphoid	11	216	121	100	62	448	510	19.6	71.0	14.4	66.3	10.1	49.8	21.7	17.0	10.7	28.1	24.2	402	456	86.9	0.8
b. Acute myeloid	17	50	29	36	41	132	173	5.8	20.9	4.9	22.5	15.5	11.5	5.2	6.1	7.0	8.2	8.0	118	153	87.9	1.2
c. CMD	2	2	0	6	22	10	32	0.4	1.6	0.9	4.2	1.8	0.5	-	1.0	3.8	0.6	1.3	9	28	71.9	0.0
d. MDS & other	4	3	3	7	6	17	23	0.7	2.7	0.7	3.0	3.7	0.7	0.5	1.2	1.0	1.0	1.0	15	20	91.3	0.0
e. Unspecified	5	7	5	7	7	24	31	1.0	3.8	0.9	4.0	4.6	1.6	0.9	1.2	1.2	1.5	1.4	21	27	71.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	16	37	76	133	294	262	556	11.5	100.0	15.7	100.0	14.6	8.5	13.7	22.6	50.6	14.7	22.8	230	483	93.3	0.4
a. Hodgkin	1	4	19	70	189	94	283	4.1	35.9	8.0	50.9	0.9	0.9	3.4	11.9	32.5	4.9	11.1	81	244	94.0	0.0
b. Non-Hodgkin except BL	8	13	29	47	87	97	184	4.2	37.0	5.2	33.1	7.3	3.0	5.2	8.0	15.0	5.5	7.6	85	160	92.9	0.5
c. Burkitt (BL)	0	6	19	9	9	34	43	1.5	13.0	1.2	7.7	-	1.4	3.4	1.5	1.5	2.0	1.9	30	38	97.7	0.0
d. Lymphoreticular	6	12	7	3	3	28	31	1.2	10.7	0.9	5.6	5.5	2.8	1.3	0.5	0.5	1.8	1.5	25	28	100.0	0.0
e. Unspecified	1	2	2	4	6	9	15	0.4	3.4	0.4	2.7	0.9	0.5	0.4	0.7	1.0	0.5	0.6	8	13	60.0	6.7
<b>III CNS NEOPLASMS †</b>	43	167	162	167	169	539	708	23.6	100.0	20.0	100.0	39.3	38.5	29.1	28.4	29.1	32.6	31.8	480	626	82.5	0.6
a. Ependymoma	9	21	12	8	14	50	64	2.2	9.3	1.8	9.0	8.2	4.8	2.2	1.4	2.4	3.2	3.0	45	57	96.9	0.0
b. Astrocytoma	8	64	79	78	73	229	302	10.0	42.5	8.5	42.7	7.3	14.7	14.2	13.2	12.6	13.6	13.3	203	266	91.4	0.0
c. CNS embryonal	11	42	28	23	16	104	120	4.5	19.3	3.4	16.9	10.1	9.7	5.0	3.9	2.8	6.5	5.7	93	107	98.3	0.0
d. Other gliomas	4	21	17	21	19	63	82	2.8	11.7	2.3	11.6	3.7	4.8	3.1	3.6	3.3	3.8	3.7	56	72	43.9	0.0
e. Other specified	3	11	16	26	38	56	94	2.4	10.4	2.7	13.3	2.7	2.5	2.9	4.4	6.5	3.2	4.0	49	82	87.2	0.0
f. Unspecified CNS	8	8	10	11	9	37	46	1.6	6.9	1.3	6.5	7.3	1.8	1.8	1.9	1.5	2.3	2.1	33	41	21.7	8.7
<b>IV NEUROBLASTOMA</b>	60	81	15	6	1	162	163	7.1	100.0	4.6	100.0	54.8	18.7	2.7	1.0	0.2	11.2	8.7	148	149	97.5	0.0
a. (Ganglio)neuroblastoma	60	81	15	4	0	160	160	7.0	98.8	4.5	98.2	54.8	18.7	2.7	0.7	-	11.1	8.6	147	147	97.5	0.0
b. Peripheral nervous	0	0	0	2	1	2	3	0.1	1.2	0.1	1.8	-	-	-	0.3	0.2	0.1	0.1	2	3	100.0	0.0
<b>V RETINOBLASTOMA</b>	28	29	2	0	0	59	59	2.6	100.0	1.7	100.0	25.6	6.7	0.4	-	-	4.2	3.2	54	54	79.7	0.0
<b>VI RENAL TUMOURS</b>	16	101	28	11	17	156	173	6.8	100.0	4.9	100.0	14.6	23.3	5.0	1.9	2.9	10.5	8.8	142	157	99.4	0.0
a. Nephroblastoma	16	101	21	3	2	141	143	6.2	90.4	4.0	82.7	14.6	23.3	3.8	0.5	0.3	9.7	7.6	129	131	100.0	0.0
b. Renal carcinoma	0	0	7	8	14	15	29	0.7	9.6	0.8	16.8	-	-	1.3	1.4	2.4	0.8	1.2	13	25	100.0	0.0
c. Unspecified	0	0	0	0	1	0	1	-	-	0.0	0.6	-	-	-	-	0.2	-	0.0	-	1	0.0	0.0
<b>VII HEPATIC TUMOURS</b>	15	12	5	4	8	36	44	1.6	100.0	1.2	100.0	13.7	2.8	0.9	0.7	1.4	2.4	2.2	33	40	100.0	0.0
a. Hepatoblastoma	15	12	4	1	0	32	32	1.4	88.9	0.9	72.7	13.7	2.8	0.7	0.2	-	2.2	1.7	29	29	100.0	0.0
b. Hepatic carcinoma	0	0	1	3	8	4	12	0.2	11.1	0.3	27.3	-	-	0.2	0.5	1.4	0.2	0.5	3	10	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	8	26	73	71	107	178	4.7	100.0	5.0	100.0	-	1.8	4.7	12.4	12.2	5.7	7.1	93	154	93.3	0.0
a. Osteosarcoma	0	2	17	40	38	59	97	2.6	55.1	2.7	54.5	-	0.5	3.1	6.8	6.5	3.1	3.9	51	84	100.0	0.0
b. Chondrosarcoma	0	0	0	3	5	3	8	0.1	2.8	0.2	4.5	-	-	-	0.5	0.9	0.1	0.3	3	7	100.0	0.0
c. Ewing & related	0	5	7	19	20	31	51	1.4	29.0	1.4	28.7	-	1.2	1.3	3.2	3.4	1.7	2.1	27	44	100.0	0.0
d. Other specified	0	0	1	0	2	1	3	0.0	0.9	0.1	1.7	-	-	0.2	-	0.3	0.1	0.1	1	3	100.0	0.0
e. Unspecified	0	1	1	11	6	13	19	0.6	12.1	0.5	10.7	-	0.2	0.2	1.9	1.0	0.7	0.8	11	16	36.8	0.0
<b>IX SOFT TISSUE SARCOMA</b>	15	38	41	56	88	150	238	6.6	100.0	6.7	100.0	13.7	8.8	7.4	9.5	15.1	8.9	10.3	133	209	98.7	0.0
a. Rhabdomyosarcoma	6	26	20	14	22	66	88	2.9	44.0	2.5	37.0	5.5	6.0	3.6	2.4	3.8	4.1	4.1	59	78	98.9	0.0
b. Fibrosarcoma	2	3	4	3	9	12	21	0.5	8.0	0.6	8.8	1.8	0.7	0.7	0.5	1.5	0.7	0.9	11	18	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	2	0	2	-	-	0.1	0.8	-	-	-	-	0.3	-	0.1	-	2	100.0	0.0
d. Other specified	7	5	14	34	45	60	105	2.6	40.0	3.0	44.1	6.4	1.2	2.5	5.8	7.7	3.3	4.3	52	91	99.0	0.0
e. Unspecified	0	4	3	5	10	12	22	0.5	8.0	0.6	9.2	-	0.9	0.5	0.8	1.7	0.7	0.9	11	19	95.5	0.0
<b>X GERM CELL TUMOURS</b>	10	8	8	32	140	58	198	2.5	100.0	5.6	100.0	9.1	1.8	1.4	5.4	24.1	3.3	8.0	51	171	93.4	0.0
a. CNS germ cell ‡	3	1	5	14	12	23	35	1.0	39.7	1.0	17.7	2.7	0.2	0.9	2.4	2.1	1.3	1.4	20	30	85.7	0.0
b. Other extragonadal	5	5	0	2	11	12	23	0.5	20.7	0.7	11.6	4.6	1.2	-	0.3	1.9	0.8	1.1	11	20	87.0	0.0
c. Gonadal germ cell	2	2	2	12	108	18	126	0.8	31.0	3.6	63.6	1.8	0.5	0.4	2.0	18.6	1.0	4.9	16	109	97.6	0.0
d. Gonadal carcinoma	0	0	1	2	4	3	7	0.1	5.2	0.2	3.5	-	-	0.2	0.3	0.7	0.2	0.3	3	6	100.0	0.0
e. Unspecified gonadal	0	0	0	2	5	2	7	0.1	3.4	0.2	3.5	-	-	-	0.3	0.9	0.1	0.3	2	6	71.4	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	17	4	23	63	302	107	409	4.7	100.0	11.6	100.0	15.5	0.9	4.1	10.7	51.9	5.9	16.3	93	353	99.0	0.0
a. Adrenocortical	1	1	0	0	2	2	4	0.1	1.9	0.1	1.0	0.9	0.2	-	-	0.3	0.1	0.2	2	4	75.0	0.0
b. Thyroid	0	1	9	27	115	37	152	1.6	34.6	4.3	37.2	-	0.2	1.6	4.6	19.8	1.9	5.9	32	131	100.0	0.0
c. Nasopharyngeal	0	0	2	3	14	5	19	0.2	4.7	0.5	4.6	-	-	0.4	0.5	2.4	0.3	0.7	4	16	100.0	0.0
d. Melanoma	9	2	6	16	101	33	134	1.4	30.8	3.8	32.8	8.2	0.5	1.1	2.7	17.4	1.9	5.4	29	116	98.5	0.0
e. Skin carcinoma	0	0	0	1	0	1	1	0.0	0.9	0.0	0.2	-	-	-	0.2	-	0.0	0.0	1	1	100.0	0.0
f. Other & unspecified	7	0	6	16	70	29	99	1.3	27.1	2.8	24.2	6.4	-	1.1	2.7	12.0	1.6	4.0	25	86	99.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	2	7	3	8	18	20	38	0.9	100.0	1.1	100.0	1.8	1.6	0.5	1.4	3.1	1.2	1.6	18	33	31.6	2.6
a. Other specified	0	1	0	1	4	2	6	0.1	10.0	0.2	15.8	-	0.2	-	0.2	0.7	0.1	0.2	2	5	100.0	0.0
b. Other unspecified	2	6	3	7	14	18	32	0.8	90.0	0.9	84.2	1.8	1.4	0.5	1.2	2.4	1.1	1.4	16	28	18.8	3.1
<b>TOTAL</b>	261	770	547	709	1246	2287	3533	100.0	100.0	100.0	100.0	238.5	177.4	98.3	120.4	214.2	140.1	156.8	2042	3113	90.3	0.4

† includes 117 non-malignant ‡ includes 4 non-malignant

Please consult the quality indicators for this registry

## USA, Maryland (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>	26	153	78	95	93	352	445	43.0	40.4	1.3	1.4	13	125	80	61	45	279	324	35.7	31.2				
a. Lymphoid	5	116	58	66	44	245	289	29.9	26.5	1.2	1.3	6	100	63	34	18	203	221	26.3	21.8				
b. Acute myeloid	12	28	15	17	23	72	95	8.9	8.7	1.2	1.2	5	22	14	19	18	60	78	7.5	7.2				
c. CMD	2	2	0	1	16	5	21	0.7	1.7	1.0	1.9	0	0	0	5	6	5	11	0.5	0.9				
d. MDS & other	2	3	2	6	6	13	19	1.5	1.6	3.3	4.8	2	0	1	1	0	4	4	0.5	0.4				
e. Unspecified	5	4	3	5	4	17	21	2.1	1.9	2.4	2.1	0	3	2	2	3	7	10	0.9	0.9				
<b>II LYMPHOMA &amp; RELATED</b>	7	27	56	81	172	171	343	18.9	27.7	1.9	1.6	9	10	20	52	122	91	213	10.4	17.7				
a. Hodgkin	1	4	16	39	108	60	168	6.3	13.0	1.8	1.5	0	0	3	31	81	34	115	3.5	9.1				
b. Non-Hodgkin except BL	2	7	18	29	51	56	107	6.1	8.6	1.4	1.4	6	6	11	18	36	41	77	4.9	6.6				
c. Burkitt (BL)	0	5	14	8	6	27	33	3.1	2.8	3.9	3.3	0	1	5	1	3	7	10	0.8	0.9				
d. Lymphoreticular	4	10	6	2	3	22	25	2.8	2.4	3.7	4.2	2	2	1	1	0	6	6	0.8	0.6				
e. Unspecified	0	1	2	3	4	6	10	0.7	0.8	2.0	2.0	1	1	0	1	2	3	5	0.4	0.5				
<b>III CNS NEOPLASMS †</b>	20	78	88	96	90	282	372	33.0	32.3	1.1	1.1	23	89	74	71	79	257	336	32.2	31.2				
a. Ependymoma	2	7	7	3	9	19	28	2.3	2.5	0.6	0.8	7	14	5	5	5	31	36	4.1	3.6				
b. Astrocytoma	5	31	38	42	39	116	155	13.4	13.3	1.0	1.1	3	33	41	36	34	113	147	13.7	13.3				
c. CNS embryonal	7	25	16	15	10	63	73	7.7	6.7	1.5	1.6	4	17	12	8	6	41	47	5.3	4.6				
d. Other gliomas	3	8	9	15	8	35	43	4.0	3.7	1.3	1.1	1	13	8	6	11	28	39	3.6	3.7				
e. Other specified	1	4	10	14	18	29	47	3.2	3.8	1.1	1.0	2	7	6	12	20	27	47	3.2	4.1				
f. Unspecified CNS	2	3	8	7	6	20	26	2.3	2.2	1.2	1.3	6	5	2	4	3	17	20	2.2	2.0				
<b>IV NEUROBLASTOMA</b>	28	39	9	5	0	81	81	10.9	8.4	1.0	1.0	32	42	6	1	1	81	82	11.6	9.0				
a. (Ganglio)neuroblastoma	28	39	9	3	0	79	79	10.7	8.3	1.0	1.0	32	42	6	1	0	81	81	11.6	9.0				
b. Peripheral nervous	0	0	0	2	0	2	2	0.2	0.1	-	2.0	0	0	0	0	1	0	1	-	0.1				
<b>V RETINOBLASTOMA</b>	16	16	2	0	0	34	34	4.7	3.6	1.4	1.4	12	13	0	0	0	25	25	3.6	2.8				
<b>VI RENAL TUMOURS</b>	7	43	18	7	7	75	82	9.7	8.0	0.9	0.9	9	58	10	4	10	81	91	11.3	9.6				
a. Nephroblastoma	7	43	14	2	0	66	66	8.8	6.8	0.9	0.9	9	58	7	1	2	75	77	10.7	8.4				
b. Renal carcinoma	0	0	4	5	7	9	16	0.9	1.3	1.5	1.2	0	0	3	3	7	6	13	0.7	1.1				
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>	4	7	5	1	4	17	21	2.2	2.0	0.9	0.9	11	5	0	3	4	19	23	2.6	2.4				
a. Hepatoblastoma	4	7	4	0	0	15	15	2.0	1.5	0.9	0.9	11	5	0	1	0	17	17	2.4	1.9				
b. Hepatic carcinoma	0	0	1	1	4	2	6	0.2	0.5	1.0	1.0	0	0	0	2	4	2	6	0.2	0.5				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	0	7	14	41	41	62	103	6.5	8.2	1.4	1.4	0	1	12	32	30	45	75	4.8	6.1				
a. Osteosarcoma	0	2	9	23	23	34	57	3.5	4.5	1.4	1.4	0	0	8	17	15	25	40	2.7	3.3				
b. Chondrosarcoma	0	0	0	2	2	2	4	0.2	0.3	2.0	1.0	0	0	0	1	3	1	4	0.1	0.3				
c. Ewing & related	0	4	5	10	12	19	31	2.1	2.5	1.6	1.6	0	1	2	9	8	12	20	1.3	1.6				
d. Other specified	0	0	0	0	1	0	1	-	0.1	0.0	0.5	0	0	1	0	1	1	2	0.1	0.2				
e. Unspecified	0	1	0	6	3	7	10	0.7	0.8	1.2	1.1	0	0	1	5	3	6	9	0.6	0.7				
<b>IX SOFT TISSUE SARCOMA</b>	8	20	23	33	56	84	140	9.7	11.8	1.3	1.4	7	18	18	23	32	66	98	8.1	8.8				
a. Rhabdomyosarcoma	4	16	13	7	17	40	57	4.9	5.1	1.5	1.8	2	10	7	7	5	26	31	3.3	2.9				
b. Fibrosarcoma	1	1	2	2	4	6	10	0.7	0.8	1.0	0.9	1	2	2	1	5	6	11	0.8	1.0				
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1				
d. Other specified	3	1	6	20	28	30	58	3.2	4.6	1.0	1.2	4	4	8	14	17	30	47	3.5	4.1				
e. Unspecified	0	2	2	4	6	8	14	0.9	1.1	2.0	1.8	0	2	1	1	4	4	8	0.5	0.7				
<b>X GERM CELL TUMOURS</b>	5	4	2	13	104	24	128	2.7	10.0	0.7	1.8	5	4	6	19	36	34	70	3.9	5.9				
a. CNS germ cell ‡	1	0	2	9	9	12	21	1.2	1.6	1.1	1.5	2	1	3	5	3	11	14	1.3	1.2				
b. Other extragonadal	2	2	0	2	7	6	13	0.8	1.1	1.0	1.3	3	3	0	0	4	6	10	0.9	1.0				
c. Gonadal germ cell	2	2	0	2	88	6	94	0.8	7.2	0.5	2.9	0	0	2	10	20	12	32	1.2	2.6				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	2	4	3	7	0.3	0.6				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	5	2	7	0.2	0.6				
<b>XI CARCINOMA &amp; MELANOMA</b>	10	1	10	21	101	42	143	4.7	11.3	0.6	0.5	7	3	13	42	201	65	266	7.2	21.5				
a. Adrenocortical	1	0	0	0	1	1	2	0.1	0.2	1.0	1.0	0	1	0	0	1	1	2	0.1	0.2				
b. Thyroid	0	1	2	7	21	10	31	1.0	2.4	0.4	0.3	0	0	7	20	94	27	121	2.8	9.7				
c. Nasopharyngeal	0	0	1	2	12	3	15	0.3	1.1	1.5	3.8	0	0	1	1	2	2	4	0.2	0.3				
d. Melanoma	5	0	4	9	45	18	63	2.0	5.0	1.2	0.9	4	2	2	7	56	15	71	1.8	5.8				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.1	0.1				
f. Other & unspecified	4	0	3	3	22	10	32	1.2	2.6	0.5	0.5	3	0	3	13	48	19	67	2.1	5.4				
<b>XII OTHER &amp; UNSPECIFIED</b>	2	3	1	1	11	7	18	0.9	1.5	0.5	0.9	0	4	2	7	7	13	20	1.5	1.7				
a. Other specified	0	0	0	0	2	0	2	-	0.2	0.0	0.5	0	1	0	1	2	2	4	0.2	0.3				
b. Other unspecified	2	3	1	1	9	7	16	0.9	1.4	0.6	1.0	0	3	2	6	5	11	16	1.3	1.4				
<b>TOTAL</b>	133	398	306	394	679	1231	1910	147.0	165.2	1.2	1.2	128	372	241	315	567	1056	1623	132.9	148.0				

† includes 62 non-malignant in males and 55 non-malignant in females ‡ includes 3 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

## USA, Maryland (1998-2012)

	Age group	Males	Females
Person-years	0	559 155	535 056
	1-4	2 212 566	2 128 387
	5-9	2 837 616	2 728 059
	10-14	3 008 310	2 881 612
	15-19	2 980 738	2 835 273
Total	0-14	8 617 647	8 273 114
	0-19	11 598 385	11 108 387
Average annual population	0-14	574 510	551 541
	0-19	773 226	740 559

Please consult the quality indicators for this registry