

## USA, Rhode Island (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
<b>I LEUKAEMIA</b>	8	58	51	35	36	152	188	29.6	100.0	25.5	100.0	44.7	79.1	52.1	34.0	30.6	54.7	49.2	792	945	98.4	0.0
a. Lymphoid	3	51	41	25	15	120	135	23.4	78.9	18.3	71.8	16.7	69.5	41.9	24.3	12.7	43.5	36.5	627	690	99.3	0.0
b. Acute myeloid	3	5	5	5	14	18	32	3.5	11.8	4.3	17.0	16.7	6.8	5.1	4.9	11.9	6.4	7.7	94	153	100.0	0.0
c. CMD	0	0	2	2	3	4	7	0.8	2.6	1.0	3.7	-	-	2.0	1.9	2.5	1.2	1.5	20	33	85.7	0.0
d. MDS & other	1	1	1	2	2	5	7	1.0	3.3	1.0	3.7	5.6	1.4	1.0	1.9	1.7	1.7	1.7	26	34	100.0	0.0
e. Unspecified	1	1	2	1	2	5	7	1.0	3.3	1.0	3.7	5.6	1.4	2.0	1.0	1.7	1.8	1.8	26	35	85.7	0.0
<b>II LYMPHOMA &amp; RELATED</b>	3	6	16	27	47	52	99	10.1	100.0	13.5	100.0	16.7	8.2	16.4	26.2	39.9	16.7	21.9	262	462	99.0	0.0
a. Hodgkin	0	1	7	15	38	23	61	4.5	44.2	8.3	61.6	-	1.4	7.2	14.6	32.3	7.0	12.6	114	275	100.0	0.0
b. Non-Hodgkin except BL	0	1	6	9	7	16	23	3.1	30.8	3.1	23.2	-	1.4	6.1	8.7	5.9	4.9	5.2	80	110	100.0	0.0
c. Burkitt (BL)	0	4	2	2	2	8	10	1.6	15.4	1.4	10.1	-	5.5	2.0	1.9	1.7	2.9	2.6	42	50	100.0	0.0
d. Lymphoreticular	3	0	0	0	0	3	3	0.6	5.8	0.4	3.0	16.7	-	-	-	-	1.3	1.0	16	16	100.0	0.0
e. Unspecified	0	0	1	1	0	2	2	0.4	3.8	0.3	2.0	-	-	1.0	1.0	-	0.6	0.5	10	10	50.0	0.0
<b>III CNS NEOPLASMS †</b>	11	33	40	39	28	123	151	24.0	100.0	20.5	100.0	61.4	45.0	40.9	37.8	23.8	42.8	38.5	635	753	92.1	0.0
a. Ependymoma	4	4	2	3	2	13	15	2.5	10.6	2.0	9.9	22.3	5.5	2.0	2.9	1.7	4.9	4.2	69	77	100.0	0.0
b. Astrocytoma	2	17	24	17	10	60	70	11.7	48.8	9.5	46.4	11.2	23.2	24.5	16.5	8.5	20.8	18.0	309	352	92.9	0.0
c. CNS embryonal	4	5	8	6	1	23	24	4.5	18.7	3.3	15.9	22.3	6.8	8.2	5.8	0.8	8.1	6.5	119	124	100.0	0.0
d. Other gliomas	0	3	1	2	3	6	9	1.2	4.9	1.2	6.0	-	4.1	1.0	1.9	2.5	2.2	2.3	31	44	66.7	0.0
e. Other specified	1	4	5	11	11	21	32	4.1	17.1	4.3	21.2	5.6	5.5	5.1	10.7	9.3	6.9	7.4	106	153	90.6	0.0
f. Unspecified CNS	0	0	0	0	1	0	1	-	-	0.1	0.7	-	-	-	-	0.8	-	0.2	-	4	0.0	0.0
<b>IV NEUROBLASTOMA</b>	12	19	5	0	1	36	37	7.0	100.0	5.0	100.0	67.0	25.9	5.1	-	0.8	14.8	11.7	195	200	100.0	0.0
a. (Ganglio)neuroblastoma	12	19	5	0	1	36	37	7.0	100.0	5.0	100.0	67.0	25.9	5.1	-	0.8	14.8	11.7	195	200	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>V RETINOBLASTOMA</b>	6	4	0	0	0	10	10	1.9	100.0	1.4	100.0	33.5	5.5	-	-	-	4.2	3.3	55	55	80.0	0.0
<b>VI RENAL TUMOURS</b>	5	10	12	0	3	27	30	5.3	100.0	4.1	100.0	27.9	13.6	12.3	-	2.5	10.3	8.6	144	156	100.0	0.0
a. Nephroblastoma	5	10	12	0	0	27	27	5.3	100.0	3.7	90.0	27.9	13.6	12.3	-	-	10.3	8.0	144	144	100.0	0.0
b. Renal carcinoma	0	0	0	0	3	0	3	-	-	0.4	10.0	-	-	-	-	2.5	-	0.6	-	13	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	4	1	1	2	4	8	12	1.6	100.0	1.6	100.0	22.3	1.4	1.0	1.9	3.4	3.0	3.1	42	59	100.0	0.0
a. Hepatoblastoma	4	1	0	1	1	6	7	1.2	75.0	1.0	58.3	22.3	1.4	-	1.0	0.8	2.4	2.1	32	36	100.0	0.0
b. Hepatic carcinoma	0	0	1	1	3	2	5	0.4	25.0	0.7	41.7	-	-	1.0	1.0	2.5	0.6	1.0	10	23	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	2	3	14	9	19	28	3.7	100.0	3.8	100.0	-	2.7	3.1	13.6	7.6	5.8	6.2	94	132	100.0	0.0
a. Osteosarcoma	0	0	2	9	7	11	18	2.1	57.9	2.4	64.3	-	-	2.0	8.7	5.9	3.2	3.8	54	84	100.0	0.0
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	2	1	2	2	5	7	1.0	26.3	1.0	25.0	-	2.7	1.0	1.9	1.7	1.7	1.7	26	34	100.0	0.0
d. Other specified	0	0	0	1	0	1	1	0.2	5.3	0.1	3.6	-	-	-	1.0	-	0.3	0.2	5	5	100.0	0.0
e. Unspecified	0	0	0	2	0	2	2	0.4	10.5	0.3	7.1	-	-	-	1.9	-	0.6	0.4	10	10	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	4	15	7	13	15	39	54	7.6	100.0	7.3	100.0	22.3	20.4	7.2	12.6	12.7	14.0	13.7	203	267	100.0	0.0
a. Rhabdomyosarcoma	2	7	4	4	1	17	18	3.3	43.6	2.4	33.3	11.2	9.5	4.1	3.9	0.8	6.3	5.0	89	93	100.0	0.0
b. Fibrosarcoma	2	1	0	0	2	3	5	0.6	7.7	0.7	9.3	11.2	1.4	-	-	1.7	1.3	1.4	16	25	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	4	2	7	10	13	23	2.5	33.3	3.1	42.6	-	5.5	2.0	6.8	8.5	4.3	5.3	66	109	100.0	0.0
e. Unspecified	0	3	1	2	2	6	8	1.2	15.4	1.1	14.8	-	4.1	1.0	1.9	1.7	2.2	2.1	31	40	100.0	0.0
<b>X GERM CELL TUMOURS</b>	5	4	5	7	27	21	48	4.1	100.0	6.5	100.0	27.9	5.5	5.1	6.8	22.9	7.4	10.9	109	223	100.0	0.0
a. CNS germ cell	0	0	2	2	2	4	6	0.8	19.0	0.8	12.5	-	-	2.0	1.9	1.7	1.2	1.3	20	28	100.0	0.0
b. Other extragonadal	5	2	0	0	1	7	8	1.4	33.3	1.1	16.7	27.9	2.7	-	-	0.8	3.0	2.5	38	43	100.0	0.0
c. Gonadal germ cell	0	2	3	4	22	9	31	1.8	42.9	4.2	64.6	-	2.7	3.1	3.9	18.7	3.0	6.5	46	139	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.2	4.8	0.3	4.2	-	-	-	1.0	0.8	0.3	0.4	5	9	100.0	0.0
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.1	2.1	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	1	1	4	17	53	23	76	4.5	100.0	10.3	100.0	5.6	1.4	4.1	16.5	45.0	7.0	15.5	114	339	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	1	3	10	31	14	45	2.7	60.9	6.1	59.2	-	1.4	3.1	9.7	26.3	4.2	9.2	69	201	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	1	0	1	4	10	6	16	1.2	26.1	2.2	21.1	5.6	-	1.0	3.9	8.5	1.9	3.4	30	72	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	0	3	12	3	15	0.6	13.0	2.0	19.7	-	-	-	2.9	10.2	0.8	2.9	15	65	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	1	1	0	1	0	3	3	0.6	100.0	0.4	100.0	5.6	1.4	-	1.0	-	1.1	0.9	16	16	66.7	33.3
a. Other specified	0	1	0	1	0	2	2	0.4	66.7	0.3	66.7	-	1.4	-	1.0	-	0.7	0.5	10	10	100.0	0.0
b. Other unspecified	1	0	0	0	0	1	1	0.2	33.3	0.1	33.3	5.6	-	-	-	-	0.4	0.3	5	5	0.0	100.0
<b>TOTAL</b>	60	154	144	155	223	513	736	100.0	100.0	100.0	100.0	335.0	209.9	147.2	150.4	189.3	181.9	183.6	2660	3607	97.4	0.1

† includes 32 non-malignant

Please consult the quality indicators for this registry

## USA, Rhode Island (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
<b>I LEUKAEMIA</b>	5	35	25	23	26	88	114	61.9	57.8	1.4	1.5	3	23	26	12	10	64	74	47.1	40.4		
a. Lymphoid	1	30	20	17	13	68	81	47.9	42.0	1.3	1.5	2	21	21	8	2	52	54	38.8	30.8		
b. Acute myeloid	3	3	2	2	8	10	18	7.4	8.7	1.3	1.3	0	2	3	3	6	8	14	5.5	6.6		
c. CMD	0	0	2	1	3	3	6	1.8	2.6	3.0	6.0	0	0	0	1	0	1	1	0.6	0.4		
d. MDS & other	1	1	0	2	0	4	4	2.8	2.1	4.0	1.3	0	0	1	0	2	1	3	0.7	1.3		
e. Unspecified	0	1	1	1	2	3	5	2.0	2.3	1.5	2.5	1	0	1	0	0	2	2	1.5	1.2		
<b>II LYMPHOMA &amp; RELATED</b>	1	3	11	12	22	27	49	17.0	21.5	1.1	1.0	2	3	5	15	25	25	50	16.4	22.4		
a. Hodgkin	0	0	5	6	17	11	28	6.5	11.5	0.9	0.8	0	1	2	9	21	12	33	7.4	13.9		
b. Non-Hodgkin except BL	0	0	5	4	4	9	13	5.4	5.7	1.3	1.3	0	1	1	5	3	7	10	4.4	4.6		
c. Burkitt (BL)	0	3	1	2	1	6	7	4.2	3.7	3.0	2.3	0	1	1	0	1	2	3	1.5	1.6		
d. Lymphoreticular	1	0	0	0	0	1	1	0.8	0.6	0.5	0.5	2	0	0	0	0	2	2	1.7	1.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	0	2	2	1.3	1.0		
<b>III CNS NEOPLASMS †</b>	6	20	17	23	8	66	74	45.1	38.0	1.2	1.0	5	13	23	16	20	57	77	40.4	39.1		
a. Ependymoma	3	3	1	1	1	8	9	6.2	5.2	1.6	1.5	1	1	1	2	1	5	6	3.6	3.2		
b. Astrocytoma	1	9	10	10	3	30	33	20.2	16.8	1.0	0.9	1	8	14	7	7	30	37	21.3	19.2		
c. CNS embryonal	1	4	3	3	1	11	12	7.7	6.4	0.9	1.0	3	1	5	3	0	12	12	8.6	6.7		
d. Other gliomas	0	2	0	1	1	3	4	2.2	2.1	1.0	0.8	0	1	1	1	2	3	5	2.1	2.4		
e. Other specified	1	2	3	8	2	14	16	8.8	7.6	2.0	1.0	0	2	2	3	9	7	16	4.8	7.2		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
<b>IV NEUROBLASTOMA</b>	8	12	2	0	0	22	22	17.9	13.9	1.6	1.5	4	7	3	0	1	14	15	11.6	9.4		
a. (Ganglio)neuroblastoma	8	12	2	0	0	22	22	17.9	13.9	1.6	1.5	4	7	3	0	1	14	15	11.6	9.4		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	2	2	0	0	0	4	4	3.3	2.6	0.7	0.7	4	2	0	0	0	6	6	5.2	4.0		
<b>VI RENAL TUMOURS</b>	0	5	4	0	1	9	10	6.7	5.6	0.5	0.5	5	5	8	0	2	18	20	14.1	11.7		
a. Nephroblastoma	0	5	4	0	0	9	9	6.7	5.2	0.5	0.5	5	5	8	0	0	18	18	14.1	10.9		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.4	-	0.5	0	0	0	0	2	0	2	-	0.8		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	1	1	1	2	3	5	8	3.4	3.8	1.7	2.0	3	0	0	0	1	3	4	2.6	2.4		
a. Hepatoblastoma	1	1	0	1	1	3	4	2.2	2.1	1.0	1.3	3	0	0	0	0	3	3	2.6	2.0		
b. Hepatic carcinoma	0	0	1	1	2	2	4	1.2	1.7	-	4.0	0	0	0	0	1	0	1	-	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	0	1	10	6	11	17	6.1	7.0	1.4	1.5	0	2	2	4	3	8	11	5.4	5.3		
a. Osteosarcoma	0	0	1	6	6	7	13	3.9	5.3	1.8	2.6	0	0	1	3	1	4	5	2.4	2.3		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	1	0	1	1	0.5	0.4	0.3	0.2	0	2	1	1	2	4	6	3.0	3.1		
d. Other specified	0	0	0	1	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	2	0	2	2	1.1	0.9	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	2	9	2	3	9	16	25	12.1	12.7	0.7	0.9	2	6	5	10	6	23	29	16.1	14.8		
a. Rhabdomyosarcoma	0	4	1	0	1	5	6	4.0	3.4	0.4	0.5	2	3	3	4	0	12	12	8.7	6.7		
b. Fibrosarcoma	2	1	0	0	1	3	4	2.5	2.3	-	4.0	0	0	0	0	1	0	1	-	0.4		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	3	0	2	5	5	10	3.6	4.7	0.6	0.8	0	1	2	5	5	8	13	5.1	5.9		
e. Unspecified	0	1	1	1	2	3	5	2.0	2.3	1.0	1.7	0	2	0	1	0	3	3	2.3	1.8		
<b>X GERM CELL TUMOURS</b>	1	1	2	3	20	7	27	4.6	11.1	0.5	1.3	4	3	3	4	7	14	21	10.4	10.8		
a. CNS germ cell	0	0	1	1	2	2	4	1.2	1.7	1.0	2.0	0	0	1	1	0	2	2	1.3	1.0		
b. Other extragonadal	1	0	0	0	1	1	2	0.8	1.0	0.2	0.3	4	2	0	0	0	6	6	5.2	4.0		
c. Gonadal germ cell	0	1	1	2	16	4	20	2.6	8.0	0.8	1.8	0	1	2	2	6	5	11	3.4	4.9		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.6	0.8		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	3	7	16	11	27	6.6	11.2	0.9	0.6	1	0	1	10	37	12	49	7.3	20.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	1	3	3	6	7	13	4.4	5.7	1.0	0.4	0	0	0	7	25	7	32	4.0	12.8		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	3	4	3	7	1.6	2.8	1.0	0.8	1	0	1	1	6	3	9	2.1	4.0		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	1	6	1	7	0.5	2.7	0.5	0.9	0	0	0	2	6	2	8	1.2	3.2		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	0	0	0	1	1	0.8	0.6	0.5	0.5	1	0	0	1	0	2	2	1.4	1.1		
a. Other specified	0	1	0	0	0	1	1	0.8	0.6	1.0	1.0	0	0	0	1	0	1	1	0.6	0.4		
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.9	0.7		
<b>TOTAL</b>	26	90	68	83	111	267	378	185.5	185.7	1.1	1.1	34	64	76	72	112	246	358	178.2	181.3		

† includes 16 non-malignant in males and 16 non-malignant in females

Please consult the quality indicators for this registry

## USA, Rhode Island (1998-2012)

	Age group	Males	Females
Person-years	0	91 540	87 590
	1-4	375 176	358 363
	5-9	501 901	476 458
	10-14	528 761	502 051
	15-19	594 927	583 226
Total	0-14	1 497 378	1 424 462
	0-19	2 092 305	2 007 688
Average annual population	0-14	99 825	94 964
	0-19	139 487	133 846

Please consult the quality indicators for this registry