

### USA, New York State, API (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>	12	57	33	29	32	131	163	32.8	100.0	27.9	100.0	42.4	55.1	26.9	23.3	23.6	35.8	33.0	513	631	95.1	0.6
a. Lymphoid	3	50	29	16	11	98	109	24.6	74.8	18.6	66.9	10.6	48.4	23.7	12.9	8.1	27.0	22.7	384	425	98.2	0.0
b. Acute myeloid	4	4	2	7	11	17	28	4.3	13.0	4.8	17.2	14.1	3.9	1.6	5.6	8.1	4.5	5.3	67	107	96.4	3.6
c. CMD	1	0	2	3	5	6	11	1.5	4.6	1.9	6.7	3.5	-	1.6	2.4	3.7	1.5	2.0	24	42	63.6	0.0
d. MDS & other	4	1	0	1	2	6	8	1.5	4.6	1.4	4.9	14.1	1.0	-	0.8	1.5	1.7	1.7	23	30	87.5	0.0
e. Unspecified	0	2	0	2	3	4	7	1.0	3.1	1.2	4.3	-	1.9	-	1.6	2.2	1.1	1.3	16	27	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	5	4	12	15	35	36	71	9.0	100.0	12.1	100.0	17.7	3.9	9.8	12.1	25.8	9.3	13.0	144	273	100.0	0.0
a. Hodgkin	0	0	3	2	13	5	18	1.3	13.9	3.1	25.4	-	-	2.4	1.6	9.6	1.3	3.1	20	68	100.0	0.0
b. Non-Hodgkin except BL	0	2	8	11	21	21	42	5.3	58.3	7.2	59.2	-	1.9	6.5	8.9	15.5	5.3	7.6	85	162	100.0	0.0
c. Burkitt (BL)	0	2	1	1	0	4	4	1.0	11.1	0.7	5.6	-	1.9	0.8	0.8	-	1.1	0.8	16	16	100.0	0.0
d. Lymphoreticular	5	0	0	0	1	5	6	1.3	13.9	1.0	8.5	17.7	-	-	-	0.7	1.5	1.3	19	23	100.0	0.0
e. Unspecified	0	0	0	1	0	1	1	0.3	2.8	0.2	1.4	-	-	-	0.8	-	0.2	0.2	4	4	100.0	0.0
<b>III CNS NEOPLASMS †</b>	10	21	32	27	27	90	117	22.6	100.0	20.0	100.0	35.3	20.3	26.1	21.7	19.9	23.9	23.0	357	457	75.2	0.0
a. Ependymoma	4	3	1	2	4	10	14	2.5	11.1	2.4	12.0	14.1	2.9	0.8	1.6	2.9	2.8	2.8	39	53	100.0	0.0
b. Astrocytoma	0	9	11	9	6	29	35	7.3	32.2	6.0	29.9	-	8.7	9.0	7.2	4.4	7.6	6.9	115	137	91.4	0.0
c. CNS embryonal	2	2	6	3	0	13	13	3.3	14.4	2.2	11.1	7.1	1.9	4.9	2.4	-	3.5	2.7	52	52	100.0	0.0
d. Other gliomas	1	4	11	3	6	19	25	4.8	21.1	4.3	21.4	3.5	3.9	9.0	2.4	4.4	5.1	4.9	76	98	56.0	0.0
e. Other specified	1	3	3	9	11	16	27	4.0	17.8	4.6	23.1	3.5	2.9	2.4	7.2	8.1	4.1	5.0	64	104	55.6	0.0
f. Unspecified CNS	2	0	0	1	0	3	3	0.8	3.3	0.5	2.6	7.1	-	-	0.8	-	0.8	0.6	12	12	0.0	0.0
<b>IV NEUROBLASTOMA</b>	9	11	2	0	1	22	23	5.5	100.0	3.9	100.0	31.8	10.6	1.6	-	0.7	6.4	5.1	84	88	95.7	0.0
a. (Ganglio)neuroblastoma	9	11	2	0	0	22	22	5.5	100.0	3.8	95.7	31.8	10.6	1.6	-	-	6.4	5.0	84	84	95.5	0.0
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.2	4.3	-	-	-	-	0.7	-	0.2	-	4	100.0	0.0
<b>V RETINOBLASTOMA</b>	5	6	0	0	0	11	11	2.8	100.0	1.9	100.0	17.7	5.8	-	-	-	3.2	2.5	42	42	72.7	0.0
<b>VI RENAL TUMOURS</b>	1	7	1	1	1	10	11	2.5	100.0	1.9	100.0	3.5	6.8	0.8	0.8	0.7	2.8	2.4	38	42	100.0	0.0
a. Nephroblastoma	1	7	1	1	0	10	10	2.5	100.0	1.7	90.9	3.5	6.8	0.8	0.8	-	2.8	2.2	38	38	100.0	0.0
b. Renal carcinoma	0	0	0	0	1	0	1	-	-	0.2	9.1	-	-	-	-	0.7	-	0.2	-	4	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	5	5	3	0	5	13	18	3.3	100.0	3.1	100.0	17.7	4.8	2.4	-	3.7	3.7	3.7	50	69	94.4	0.0
a. Hepatoblastoma	5	4	1	0	0	10	10	2.5	76.9	1.7	55.6	17.7	3.9	0.8	-	-	2.9	2.3	38	38	100.0	0.0
b. Hepatic carcinoma	0	0	2	0	5	2	7	0.5	15.4	1.2	38.9	-	-	1.6	-	3.7	0.5	1.2	8	27	85.7	0.0
c. Unspecified	0	1	0	0	0	1	1	0.3	7.7	0.2	5.6	-	1.0	-	-	-	0.3	0.2	4	4	100.0	0.0
<b>VIII BONE TUMOURS</b>	0	0	6	13	11	19	30	4.8	100.0	5.1	100.0	-	-	4.9	10.5	8.1	4.6	5.4	77	117	96.7	0.0
a. Osteosarcoma	0	0	5	8	8	13	21	3.3	68.4	3.6	70.0	-	-	4.1	6.4	5.9	3.2	3.8	53	82	100.0	0.0
b. Chondrosarcoma	0	0	0	0	2	0	2	-	-	0.3	6.7	-	-	-	-	1.5	-	0.3	-	7	50.0	0.0
c. Ewing & related	0	0	1	3	1	4	5	1.0	21.1	0.9	16.7	-	-	0.8	2.4	0.7	1.0	0.9	16	20	100.0	0.0
d. Other specified	0	0	0	2	0	2	2	0.5	10.5	0.3	6.7	-	-	-	1.6	-	0.5	0.4	8	8	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>IX SOFT TISSUE SARCOMA</b>	1	6	3	7	12	17	29	4.3	100.0	5.0	100.0	3.5	5.8	2.4	5.6	8.8	4.5	5.5	67	111	100.0	0.0
a. Rhabdomyosarcoma	1	6	1	2	1	10	11	2.5	58.8	1.9	37.9	3.5	5.8	0.8	1.6	0.7	2.8	2.3	39	42	100.0	0.0
b. Fibrosarcoma	0	0	0	0	2	0	2	-	-	0.3	6.9	-	-	-	-	1.5	-	0.3	-	7	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	0	2	4	7	6	13	1.5	35.3	2.2	44.8	-	-	1.6	3.2	5.2	1.5	2.3	24	50	100.0	0.0
e. Unspecified	0	0	0	1	2	1	3	0.3	5.9	0.5	10.3	-	-	-	0.8	1.5	0.2	0.5	4	11	100.0	0.0
<b>X GERM CELL TUMOURS</b>	4	8	6	9	17	27	44	6.8	100.0	7.5	100.0	14.1	7.7	4.9	7.2	12.5	7.2	8.4	106	169	95.5	0.0
a. CNS germ cell	0	1	2	5	1	8	9	2.0	29.6	1.5	20.5	-	1.0	1.6	4.0	0.7	2.0	1.7	32	36	88.9	0.0
b. Other extragonadal	3	0	0	0	5	3	8	0.8	11.1	1.4	18.2	10.6	-	-	-	3.7	0.9	1.5	11	30	87.5	0.0
c. Gonadal germ cell	1	7	4	4	8	16	24	4.0	59.3	4.1	54.5	3.5	6.8	3.3	3.2	5.9	4.3	4.7	63	92	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	-	0.5	6.8	-	-	-	-	2.2	-	0.5	-	11	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	5	14	45	20	65	5.0	100.0	11.1	100.0	-	1.0	4.1	11.3	33.2	4.9	11.3	81	247	98.5	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	2	11	33	13	46	3.3	65.0	7.9	70.8	-	-	1.6	8.9	24.3	3.1	7.9	52	174	100.0	0.0
c. Nasopharyngeal	0	0	1	0	3	1	4	0.3	5.0	0.7	6.2	-	-	0.8	-	2.2	0.3	0.7	4	15	100.0	0.0
d. Melanoma	0	1	0	0	0	1	1	0.3	5.0	0.2	1.5	-	1.0	-	-	-	0.3	0.2	4	4	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	2	3	9	5	14	1.3	25.0	2.4	21.5	-	-	1.6	2.4	6.6	1.2	2.4	20	53	92.9	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	2	1	0	0	0	3	3	0.8	100.0	0.5	100.0	7.1	1.0	-	-	-	0.9	0.7	11	11	33.3	0.0
a. Other specified	0	1	0	0	0	1	1	0.3	33.3	0.2	33.3	-	1.0	-	-	-	0.3	0.2	4	4	100.0	0.0
b. Other unspecified	2	0	0	0	0	2	2	0.5	66.7	0.3	66.7	7.1	-	-	-	-	0.6	0.5	8	8	0.0	0.0
<b>TOTAL</b>	54	127	103	115	186	399	585	100.0	100.0	100.0	100.0	190.7	122.9	84.1	92.6	137.2	107.2	114.0	1571	2257	91.8	0.2

† includes 30 non-malignant

Please consult the quality indicators for this registry

## USA, New York State, API (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>	6	29	15	17	21	67	88	35.6	34.4	1.0	1.2	6	28	18	12	11	64	75	35.9	31.6				
a. Lymphoid	2	24	14	10	8	50	58	26.7	23.3	1.0	1.1	1	26	15	6	3	48	51	27.2	22.1				
b. Acute myeloid	1	2	0	2	7	5	12	2.6	4.3	0.4	0.8	3	2	2	5	4	12	16	6.5	6.4				
c. CMD	1	0	1	3	2	5	7	2.5	2.6	5.0	1.8	0	0	1	0	3	1	4	0.5	1.4				
d. MDS & other	2	1	0	1	1	4	5	2.2	2.0	2.0	1.7	2	0	0	0	1	2	3	1.2	1.3				
e. Unspecified	0	2	0	1	3	3	6	1.6	2.2	3.0	6.0	0	0	0	1	0	1	1	0.5	0.4				
<b>II LYMPHOMA &amp; RELATED</b>	4	4	8	10	21	26	47	13.3	17.1	2.6	2.0	1	0	4	5	14	10	24	5.1	8.8				
a. Hodgkin	0	0	2	1	10	3	13	1.5	4.4	1.5	2.6	0	0	1	1	3	2	5	1.0	1.8				
b. Non-Hodgkin except BL	0	2	5	7	10	14	24	6.9	8.6	2.0	1.3	0	0	3	4	11	7	18	3.5	6.5				
c. Burkitt (BL)	0	2	1	1	0	4	4	2.1	1.6	-	-	0	0	0	0	0	0	0	-	-				
d. Lymphoreticular	4	0	0	0	1	4	5	2.3	2.1	4.0	5.0	1	0	0	0	0	1	1	0.6	0.5				
e. Unspecified	0	0	0	1	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-				
<b>III CNS NEOPLASMS †</b>	6	7	16	14	12	43	55	22.1	21.0	0.9	0.9	4	14	16	13	15	47	62	25.7	25.0				
a. Ependymoma	3	1	0	1	1	5	6	2.7	2.5	1.0	0.8	1	2	1	1	3	5	8	2.8	3.2				
b. Astrocytoma	0	4	7	5	4	16	20	8.2	7.6	1.2	1.3	0	5	4	4	2	13	15	7.1	6.2				
c. CNS embryonal	2	0	5	2	0	9	9	4.6	3.6	2.3	2.3	0	2	1	1	0	4	4	2.2	1.7				
d. Other gliomas	0	0	4	1	3	5	8	2.5	2.9	0.4	0.5	1	4	7	2	3	14	17	7.7	7.0				
e. Other specified	0	2	0	4	4	6	10	3.0	3.6	0.6	0.6	1	1	3	5	7	10	17	5.2	6.4				
f. Unspecified CNS	1	0	0	1	0	2	2	1.0	0.8	2.0	2.0	1	0	0	0	0	1	1	0.6	0.5				
<b>IV NEUROBLASTOMA</b>	6	4	1	0	0	11	11	6.2	4.8	1.0	0.9	3	7	1	0	1	11	12	6.6	5.4				
a. (Ganglio)neuroblastoma	6	4	1	0	0	11	11	6.2	4.8	1.0	1.0	3	7	1	0	0	11	11	6.6	5.1				
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3				
<b>V RETINOBLASTOMA</b>	2	2	0	0	0	4	4	2.3	1.8	0.6	0.6	3	4	0	0	0	7	7	4.2	3.3				
<b>VI RENAL TUMOURS</b>	1	3	1	0	1	5	6	2.8	2.5	1.0	1.2	0	4	0	1	0	5	5	2.9	2.2				
a. Nephroblastoma	1	3	1	0	0	5	5	2.8	2.2	1.0	1.0	0	4	0	1	0	5	5	2.9	2.2				
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VII HEPATIC TUMOURS</b>	3	4	3	0	2	10	12	5.6	5.0	3.3	2.0	2	1	0	0	3	3	6	1.8	2.4				
a. Hepatoblastoma	3	4	1	0	0	8	8	4.5	3.5	4.0	4.0	2	0	0	0	0	2	2	1.2	0.9				
b. Hepatic carcinoma	0	0	2	0	2	2	4	1.0	1.5	-	1.3	0	0	0	0	3	0	3	-	1.0				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.6	0.5				
<b>VIII BONE TUMOURS</b>	0	0	2	12	4	14	18	6.5	6.3	2.8	1.5	0	0	4	1	7	5	12	2.6	4.4				
a. Osteosarcoma	0	0	2	7	2	9	11	4.2	3.9	2.3	1.1	0	0	3	1	6	4	10	2.1	3.7				
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3				
c. Ewing & related	0	0	0	3	1	3	4	1.4	1.4	3.0	4.0	0	0	1	0	0	1	1	0.5	0.4				
d. Other specified	0	0	0	2	0	2	2	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>IX SOFT TISSUE SARCOMA</b>	1	3	3	2	8	9	17	4.8	6.3	1.1	1.4	0	3	0	5	4	8	12	4.2	4.6				
a. Rhabdomyosarcoma	1	3	1	1	0	6	6	3.3	2.5	1.5	1.2	0	3	0	1	1	4	5	2.3	2.1				
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.7				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	0	2	1	7	3	10	1.5	3.4	1.0	3.3	0	0	0	3	0	3	3	1.4	1.1				
e. Unspecified	0	0	0	0	1	0	1	-	0.3	0.0	0.5	0	0	0	1	1	1	2	0.5	0.7				
<b>X GERM CELL TUMOURS</b>	3	7	2	3	10	15	25	8.1	9.5	1.3	1.3	1	1	4	6	7	12	19	6.2	7.2				
a. CNS germ cell	0	0	1	3	1	4	5	1.9	1.8	1.0	1.3	0	1	1	2	0	4	4	2.1	1.6				
b. Other extragonadal	2	0	0	0	5	2	7	1.1	2.5	2.0	7.0	1	0	0	0	0	1	1	0.6	0.5				
c. Gonadal germ cell	1	7	1	0	4	9	13	5.1	5.3	1.3	1.2	0	0	3	4	4	7	11	3.5	4.1				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	3	0	3	-	1.0				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	3	2	13	5	18	2.5	6.1	0.3	0.4	0	1	2	12	32	15	47	7.4	16.6				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	0	1	2	5	3	8	1.4	2.7	0.3	0.2	0	0	1	9	28	10	38	4.9	13.3				
c. Nasopharyngeal	0	0	1	0	2	1	3	0.5	1.0	-	3.0	0	0	0	0	1	0	1	-	0.3				
d. Melanoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.6	0.5				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	0	0	1	0	6	1	7	0.5	2.3	0.3	1.0	0	0	1	3	3	4	7	2.0	2.6				
<b>XII OTHER &amp; UNSPECIFIED</b>	1	1	0	0	0	2	2	1.1	0.9	2.0	2.0	1	0	0	0	0	1	1	0.6	0.5				
a. Other specified	0	1	0	0	0	1	1	0.6	0.4	-	-	0	0	0	0	0	0	0	-	-				
b. Other unspecified	1	0	0	0	0	1	1	0.6	0.4	1.0	1.0	1	0	0	0	0	1	1	0.6	0.5				
<b>TOTAL</b>	33	64	54	60	92	211	303	110.9	115.8	1.1	1.1	21	63	49	55	94	188	282	103.3	112.1				

† includes 10 non-malignant in males and 20 non-malignant in females

Please consult the quality indicators for this registry

## USA, New York State, API (1998-2012)

	Age group	Males	Females
Person-years	0	146 500	136 717
	1-4	528 921	504 628
	5-9	622 796	602 003
	10-14	636 735	605 319
	15-19	694 715	661 241
Total	0-14	1 934 952	1 848 667
	0-19	2 629 667	2 509 908
Average annual population	0-14	128 997	123 244
	0-19	175 311	167 327

Please consult the quality indicators for this registry