

USA, New York State (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	185	1246	747	557	619	2735	3354	28.6	100.0	23.2	100.0	51.0	87.3	40.6	28.8	31.0	52.4	47.6	747	902	96.5	0.2
a. Lymphoid	62	1041	612	346	313	2061	2374	21.6	75.4	16.4	70.8	17.1	73.0	33.2	17.9	15.7	39.8	34.3	564	642	97.9	0.1
b. Acute myeloid	66	142	81	133	162	422	584	4.4	15.4	4.0	17.4	18.2	10.0	4.4	6.9	8.1	7.9	8.0	115	155	99.0	0.3
c. CMD	22	16	25	49	88	112	200	1.2	4.1	1.4	6.0	6.1	1.1	1.4	2.5	4.4	2.0	2.5	30	52	77.0	1.0
d. MDS & other	20	22	18	15	35	75	110	0.8	2.7	0.8	3.3	5.5	1.5	1.0	0.8	1.8	1.4	1.5	21	29	92.7	0.0
e. Unspecified	15	25	11	14	21	65	86	0.7	2.4	0.6	2.6	4.1	1.8	0.6	0.7	1.1	1.3	1.2	18	23	89.5	0.0
II LYMPHOMA & RELATED	41	164	273	564	1172	1042	2214	10.9	100.0	15.3	100.0	11.3	11.5	14.8	29.2	58.6	17.7	26.9	277	570	99.0	0.1
a. Hodgkin	0	14	68	279	779	361	1140	3.8	34.6	7.9	51.5	-	1.0	3.7	14.4	39.0	5.7	13.2	95	289	99.4	0.0
b. Non-Hodgkin except BL	8	81	117	224	325	430	755	4.5	41.3	5.2	34.1	2.2	5.7	6.4	11.6	16.3	7.3	9.3	115	196	99.2	0.1
c. Burkitt (BL)	0	28	62	49	48	139	187	1.5	13.3	1.3	8.4	-	2.0	3.4	2.5	2.4	2.4	2.4	37	49	100.0	0.0
d. Lymphoreticular	32	38	19	3	9	92	101	1.0	8.8	0.7	4.6	8.8	2.7	1.0	0.2	0.5	1.9	1.6	25	28	97.0	0.0
e. Unspecified	1	3	7	9	11	20	31	0.2	1.9	0.2	1.4	0.3	0.2	0.4	0.5	0.6	0.3	0.4	5	8	77.4	3.2
III CNS NEOPLASMS †	154	664	787	774	839	2379	3218	24.9	100.0	22.3	100.0	42.4	46.5	42.7	40.1	42.0	43.1	42.8	642	852	78.1	0.2
a. Ependymoma	33	72	41	53	45	199	244	2.1	8.4	1.7	7.6	9.1	5.0	2.2	2.7	2.3	3.8	3.4	54	65	98.0	0.0
b. Astrocytoma	44	290	354	322	272	1010	1282	10.6	42.5	8.9	39.8	12.1	20.3	19.2	16.7	13.6	18.3	17.2	273	341	86.8	0.0
c. CNS embryonal	37	153	148	71	53	409	462	4.3	17.2	3.2	14.4	10.2	10.7	8.0	3.7	2.7	7.8	6.6	112	125	99.6	0.0
d. Other gliomas	9	82	118	109	97	318	415	3.3	13.4	2.9	12.9	2.5	5.7	6.4	5.6	4.9	5.7	5.5	86	110	52.5	0.0
e. Other specified	16	53	108	191	337	368	705	3.9	15.5	4.9	21.9	4.4	3.7	5.9	9.9	16.9	6.3	8.6	98	182	64.3	0.0
f. Unspecified CNS	15	14	18	28	35	75	110	0.8	3.2	0.8	3.4	4.1	1.0	1.0	1.4	1.8	1.4	1.5	20	29	28.2	6.4
IV NEUROBLASTOMA	205	321	66	23	21	615	636	6.4	100.0	4.4	100.0	56.5	22.5	3.6	1.2	1.1	12.9	10.2	171	176	96.1	0.0
a. (Ganglio)neuroblastoma	205	319	63	19	13	606	619	6.3	98.5	4.3	97.3	56.5	22.4	3.4	1.0	0.7	12.7	10.0	168	172	96.3	0.0
b. Peripheral nervous	0	2	3	4	8	9	17	0.1	1.5	0.1	2.7	-	0.1	0.2	0.2	0.4	0.2	0.2	2	4	88.2	0.0
V RETINOBLASTOMA	111	160	11	4	1	286	287	3.0	100.0	2.0	100.0	30.6	11.2	0.6	0.2	0.1	6.1	4.7	80	80	76.7	0.0
VI RENAL TUMOURS	70	330	95	32	40	527	567	5.5	100.0	3.9	100.0	19.3	23.1	5.2	1.7	2.0	10.8	8.8	146	156	99.1	0.0
a. Nephroblastoma	70	329	89	12	8	500	508	5.2	94.9	3.5	89.6	19.3	23.1	4.8	0.6	0.4	10.4	8.1	139	141	99.4	0.0
b. Renal carcinoma	0	1	6	20	32	27	59	0.3	5.1	0.4	10.4	-	0.1	0.3	1.0	1.6	0.4	0.7	7	15	96.6	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	55	79	17	20	30	171	201	1.8	100.0	1.4	100.0	15.2	5.5	0.9	1.0	1.5	3.5	3.0	47	55	97.5	0.0
a. Hepatoblastoma	54	74	8	7	4	143	147	1.5	83.6	1.0	73.1	14.9	5.2	0.4	0.4	0.2	3.0	2.4	40	41	100.0	0.0
b. Hepatic carcinoma	1	4	9	13	25	27	52	0.3	15.8	0.4	25.9	0.3	0.3	0.5	0.7	1.3	0.5	0.6	7	13	90.4	0.0
c. Unspecified	0	1	0	0	1	1	2	0.0	0.6	0.0	1.0	-	0.1	-	-	0.1	0.0	0.0	0	1	100.0	0.0
VIII BONE TUMOURS	1	23	119	284	320	427	747	4.5	100.0	5.2	100.0	0.3	1.6	6.5	14.7	16.0	6.9	8.9	112	193	97.9	0.0
a. Osteosarcoma	0	3	58	160	175	221	396	2.3	51.8	2.7	53.0	-	0.2	3.1	8.3	8.8	3.5	4.7	58	102	98.5	0.0
b. Chondrosarcoma	0	0	4	10	33	14	47	0.1	3.3	0.3	6.3	-	-	0.2	0.5	1.7	0.2	0.5	4	12	97.9	0.0
c. Ewing & related	1	17	48	92	85	158	243	1.7	37.0	1.7	32.5	0.3	1.2	2.6	4.8	4.3	2.6	3.0	42	63	97.9	0.0
d. Other specified	0	2	8	14	20	24	44	0.3	5.6	0.3	5.9	-	0.1	0.4	0.7	1.0	0.4	0.5	6	11	95.5	0.0
e. Unspecified	0	1	1	8	7	10	17	0.1	2.3	0.1	2.3	-	0.1	0.1	0.4	0.4	0.2	0.2	3	4	88.2	0.0
IX SOFT TISSUE SARCOMA	65	153	149	212	332	579	911	6.1	100.0	6.3	100.0	17.9	10.7	8.1	11.0	16.6	10.5	11.9	156	239	99.0	0.0
a. Rhabdomyosarcoma	30	108	78	68	60	284	344	3.0	49.1	2.4	37.8	8.3	7.6	4.2	3.5	3.0	5.4	4.8	77	92	99.4	0.0
b. Fibrosarcoma	12	8	15	22	51	57	108	0.6	9.8	0.7	11.9	3.3	0.6	0.8	1.1	2.6	1.0	1.4	15	28	98.1	0.0
c. Kaposi sarcoma	3	0	1	1	3	5	8	0.1	0.9	0.1	0.9	0.8	-	0.1	0.1	0.2	0.1	0.1	1	2	100.0	0.0
d. Other specified	11	30	42	92	165	175	340	1.8	30.2	2.4	37.3	3.0	2.1	2.3	4.8	8.3	3.0	4.2	47	88	99.7	0.0
e. Unspecified	9	7	13	29	53	58	111	0.6	10.0	0.8	12.2	2.5	0.5	0.7	1.5	2.7	1.0	1.4	16	29	96.4	0.0
X GERM CELL TUMOURS	71	59	53	150	549	333	882	3.5	100.0	6.1	100.0	19.6	4.1	2.9	7.8	27.5	6.0	10.8	90	227	97.3	0.1
a. CNS germ cell ‡	15	19	20	62	48	116	164	1.2	34.8	1.1	18.6	4.1	1.3	1.1	3.2	2.4	2.0	2.1	31	43	92.1	0.0
b. Other extragonadal	40	21	1	1	38	63	101	0.7	18.9	0.7	11.5	11.0	1.5	0.1	0.1	1.9	1.4	1.5	18	27	95.0	1.0
c. Gonadal germ cell	16	17	28	81	415	142	557	1.5	42.6	3.9	63.2	4.4	1.2	1.5	4.2	20.8	2.4	6.5	38	142	99.8	0.0
d. Gonadal carcinoma	0	0	1	2	33	3	36	0.0	0.9	0.2	4.1	-	-	0.1	0.1	1.7	0.0	0.4	1	9	88.9	0.0
e. Unspecified gonadal	0	2	3	4	15	9	24	0.1	2.7	0.2	2.7	-	0.1	0.2	0.2	0.8	0.2	0.3	2	6	95.8	0.0
XI CARCINOMA & MELANOMA	7	23	76	313	946	419	1365	4.4	100.0	9.5	100.0	1.9	1.6	4.1	16.2	47.3	6.7	15.8	110	347	99.3	0.0
a. Adrenocortical	1	7	1	4	6	13	19	0.1	3.1	0.1	1.4	0.3	0.5	0.1	0.2	0.3	0.3	0.3	4	5	100.0	0.0
b. Thyroid	0	1	27	135	478	163	641	1.7	38.9	4.4	47.0	-	0.1	1.5	7.0	23.9	2.5	7.3	43	162	100.0	0.0
c. Nasopharyngeal	0	0	2	19	39	21	60	0.2	5.0	0.4	4.4	-	-	0.1	1.0	2.0	0.3	0.7	5	15	100.0	0.0
d. Melanoma	3	13	25	63	188	104	292	1.1	24.8	2.0	21.4	0.8	0.9	1.4	3.3	9.4	1.7	3.5	28	75	98.3	0.0
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.0	0.1	-	-	-	-	0.1	-	0.0	-	0	100.0	0.0
f. Other & unspecified	3	2	21	92	234	118	352	1.2	28.2	2.4	25.8	0.8	0.1	1.1	4.8	11.7	1.9	4.1	31	89	98.9	0.0
XII OTHER & UNSPECIFIED	5	16	2	12	18	35	53	0.4	100.0	0.4	100.0	1.4	1.1	0.1	0.6	0.9	0.7	0.7	10	14	71.7	3.8
a. Other specified	1	14	0	5	6	20	26	0.2	57.1	0.2	49.1	0.3	1.0	-	0.3	0.3	0.4	0.4	5	7	100.0	0.0
b. Other unspecified	4	2	2	7	12	15	27	0.2	42.9	0.2	50.9	1.1	0.1	0.1	0.4	0.6	0.3	0.3	4	7	44.4	7.4
TOTAL	970	3238	2395	2945	4887	9548	14435	100.0	100.0	100.0	100.0	267.2	227.0	130.1	152.4	244.4	177.2	192.3	2588	3810	92.9	0.1

† includes 802 non-malignant ‡ includes 26 non-malignant

Please consult the quality indicators for this registry

USA, New York State (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		
I LEUKAEMIA	89	686	413	314	340	1502	1842	56.2	51.0	1.2	1.2	96	560	334	243	279	1233	1512	48.5	44.0				
a. Lymphoid	32	575	337	209	189	1153	1342	43.4	37.8	1.3	1.3	30	466	275	137	124	908	1032	36.0	30.8				
b. Acute myeloid	24	80	50	58	80	212	292	7.8	7.8	1.0	1.0	42	62	31	75	82	210	292	8.0	8.1				
c. CMD	13	7	11	29	39	60	99	2.1	2.5	1.2	1.0	9	9	14	20	49	52	101	1.9	2.6				
d. MDS & other	9	12	10	9	19	40	59	1.5	1.6	1.1	1.2	11	10	8	6	16	35	51	1.4	1.5				
e. Unspecified	11	12	5	9	13	37	50	1.4	1.4	1.3	1.4	4	13	6	5	8	28	36	1.1	1.1				
II LYMPHOMA & RELATED	23	98	191	341	651	653	1304	21.7	31.1	1.7	1.4	18	66	82	223	521	389	910	13.5	22.5				
a. Hodgkin	0	5	49	151	404	205	609	6.3	13.8	1.3	1.1	0	9	19	128	375	156	531	5.0	12.5				
b. Non-Hodgkin except BL	4	49	75	145	203	273	476	9.1	11.5	1.7	1.7	4	32	42	79	122	157	279	5.5	7.1				
c. Burkitt (BL)	0	24	49	36	35	109	144	3.8	3.7	3.6	3.3	0	4	13	13	13	30	43	1.0	1.1				
d. Lymphoreticular	18	19	14	3	4	54	58	2.1	1.7	1.4	1.3	14	19	5	0	5	38	43	1.6	1.4				
e. Unspecified	1	1	4	6	5	12	17	0.4	0.4	1.5	1.2	0	2	3	3	6	8	14	0.3	0.4				
III CNS NEOPLASMS †	84	353	434	404	386	1275	1661	45.2	43.5	1.2	1.1	70	311	353	370	453	1104	1557	40.9	42.2				
a. Ependymoma	22	41	25	28	21	116	137	4.3	3.8	1.4	1.3	11	31	16	25	24	83	107	3.2	3.0				
b. Astrocytoma	23	148	203	167	153	541	694	19.1	18.2	1.2	1.2	21	142	151	155	119	469	588	17.4	16.2				
c. CNS embryonal	22	83	90	46	31	241	272	8.9	7.6	1.4	1.4	15	70	58	25	22	168	190	6.6	5.6				
d. Other gliomas	2	42	59	54	45	157	202	5.5	5.2	1.0	0.9	7	40	59	55	52	161	213	5.9	5.8				
e. Other specified	8	30	46	95	121	179	300	6.0	7.3	0.9	0.7	8	23	62	96	216	189	405	6.5	10.1				
f. Unspecified CNS	7	9	11	14	15	41	56	1.5	1.5	1.2	1.0	8	5	7	14	20	34	54	1.3	1.4				
IV NEUROBLASTOMA	109	160	36	10	10	315	325	12.9	10.2	1.1	1.0	96	161	30	13	11	300	311	12.9	10.2				
a. (Ganglio)neuroblastoma	109	160	34	8	5	311	316	12.8	10.0	1.1	1.0	96	159	29	11	8	295	303	12.7	10.0				
b. Peripheral nervous	0	0	2	2	5	4	9	0.1	0.2	0.8	1.1	0	2	1	2	3	5	8	0.2	0.2				
V RETINOBLASTOMA	53	79	6	3	0	141	141	5.9	4.6	1.0	1.0	58	81	5	1	1	145	146	6.4	5.0				
VI RENAL TUMOURS	36	158	40	13	22	247	269	10.0	8.2	0.9	0.9	34	172	55	19	18	280	298	11.7	9.5				
a. Nephroblastoma	36	158	37	2	4	233	237	9.5	7.5	0.9	0.9	34	171	52	10	4	267	271	11.2	8.8				
b. Renal carcinoma	0	0	3	11	18	14	32	0.4	0.7	1.1	1.2	0	1	3	9	14	13	27	0.4	0.7				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	27	46	12	8	13	93	106	3.7	3.2	1.2	1.1	28	33	5	12	17	78	95	3.2	2.9				
a. Hepatoblastoma	27	44	5	3	1	79	80	3.3	2.6	1.2	1.2	27	30	3	4	3	64	67	2.8	2.2				
b. Hepatic carcinoma	0	2	7	5	12	14	26	0.5	0.6	1.1	1.0	1	2	2	8	13	13	26	0.5	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	1	1	2	0.0	0.1				
VIII BONE TUMOURS	1	9	47	143	178	200	378	6.2	8.7	0.9	1.0	0	14	72	141	142	227	369	7.5	9.1				
a. Osteosarcoma	0	1	24	74	97	99	196	3.0	4.5	0.8	1.0	0	2	34	86	78	122	200	4.0	4.9				
b. Chondrosarcoma	0	0	1	5	17	6	23	0.2	0.5	0.8	1.0	0	0	3	5	16	8	24	0.3	0.6				
c. Ewing & related	1	7	19	52	49	79	128	2.5	3.0	1.0	1.1	0	10	29	40	36	79	115	2.7	2.9				
d. Other specified	0	0	2	9	9	11	20	0.3	0.5	0.8	0.8	0	2	6	5	11	13	24	0.5	0.6				
e. Unspecified	0	1	1	3	6	5	11	0.2	0.3	1.0	1.8	0	0	0	5	1	5	6	0.2	0.1				
IX SOFT TISSUE SARCOMA	37	87	81	104	180	309	489	11.1	12.5	1.1	1.2	28	66	68	108	152	270	422	9.9	11.2				
a. Rhabdomyosarcoma	19	59	46	34	37	158	195	5.9	5.4	1.3	1.3	11	49	32	34	23	126	149	4.8	4.3				
b. Fibrosarcoma	5	6	9	7	23	27	50	1.0	1.3	0.9	0.9	7	2	6	15	28	30	58	1.1	1.5				
c. Kaposi sarcoma	3	0	1	1	3	5	8	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	4	20	21	47	84	92	176	3.1	4.3	1.1	1.1	7	10	21	45	81	83	164	2.9	4.1				
e. Unspecified	6	2	4	15	33	27	60	0.9	1.4	0.9	1.2	3	5	9	14	20	31	51	1.1	1.3				
X GERM CELL TUMOURS	41	29	9	65	370	144	514	5.2	12.1	0.8	1.4	30	30	44	85	179	189	368	6.8	9.4				
a. CNS germ cell ‡	7	7	7	45	41	66	107	2.2	2.6	1.3	1.9	8	12	13	17	7	50	57	1.9	1.6				
b. Other extragonadal	18	6	1	0	24	25	49	1.0	1.3	0.7	0.9	22	15	0	1	14	38	52	1.7	1.6				
c. Gonadal germ cell	16	16	1	20	300	53	353	2.0	8.1	0.6	1.7	0	1	27	61	115	89	204	2.9	4.9				
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	0.1	0.0	0.1	0	0	1	2	30	3	33	0.1	0.8				
e. Unspecified gonadal	0	0	0	0	2	0	2	-	0.0	0.0	0.1	0	2	3	4	13	9	22	0.3	0.5				
XI CARCINOMA & MELANOMA	5	10	28	108	289	151	440	4.8	10.0	0.6	0.5	2	13	48	205	657	268	925	8.7	21.9				
a. Adrenocortical	1	2	0	1	3	4	7	0.2	0.2	0.4	0.6	0	5	1	3	3	9	12	0.3	0.3				
b. Thyroid	0	1	9	28	75	38	113	1.2	2.6	0.3	0.2	0	0	18	107	403	125	528	3.9	12.4				
c. Nasopharyngeal	0	0	1	10	26	11	37	0.3	0.8	1.1	1.6	0	0	1	9	13	10	23	0.3	0.5				
d. Melanoma	2	5	13	28	74	48	122	1.6	2.8	0.9	0.7	1	8	12	35	114	56	170	1.9	4.1				
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.0	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	2	2	5	41	110	50	160	1.5	3.6	0.7	0.8	1	0	16	51	124	68	192	2.2	4.6				
XII OTHER & UNSPECIFIED	2	8	2	10	8	22	30	0.8	0.8	1.7	1.3	3	8	0	2	10	13	23	0.5	0.7				
a. Other specified	1	7	0	4	3	12	15	0.5	0.4	1.5	1.4	0	7	0	1	3	8	11	0.3	0.3				
b. Other unspecified	1	1	2	6	5	10	15	0.3	0.4	2.0	1.3	3	1	0	1	7	5	12	0.2	0.3				
TOTAL	507	1723	1299	1523	2447	5052	7499	183.6	195.9	1.1	1.1	463	1515	1096	1422	2440	4496	6936	170.6	188.6				

† includes 356 non-malignant in males and 446 non-malignant in females ‡ includes 12 non-malignant in males and 14 non-malignant in females

Please consult the quality indicators for this registry

USA, New York State (1998-2012)

	Age group	Males	Females
Person-years	0	1 857 614	1 772 320
	1-4	7 295 845	6 970 986
	5-9	9 409 234	9 003 882
	10-14	9 887 974	9 436 868
	15-19	10 255 415	9 742 777
Total	0-14	28 450 667	27 184 056
	0-19	38 706 082	36 926 833
Average annual population	0-14	1 896 711	1 812 270
	0-19	2 580 405	2 461 789

Please consult the quality indicators for this registry