

USA, New York State, NH White (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	107	744	421	293	342	1565	1907	28.5	100.0	22.3	100.0	57.0	98.4	41.9	27.4	30.8	56.4	50.6	797	951	96.6	0.0	
a. Lymphoid	38	640	355	192	179	1225	1404	22.3	78.3	16.4	73.6	20.2	84.7	35.3	17.9	16.1	44.4	38.1	626	706	97.9	0.0	
b. Acute myeloid	40	69	37	60	103	206	309	3.7	13.2	3.6	16.2	21.3	9.1	3.7	5.6	9.3	7.3	7.7	104	151	99.0	0.0	
c. CMD	10	11	14	23	32	58	90	1.1	3.7	1.1	4.7	5.3	1.5	1.4	2.1	2.9	1.9	2.1	29	43	74.4	0.0	
d. MDS & other	9	14	8	11	16	42	58	0.8	2.7	0.7	3.0	4.8	1.9	0.8	1.0	1.4	1.5	1.5	21	29	93.1	0.0	
e. Unspecified	10	10	7	7	12	34	46	0.6	2.2	0.5	2.4	5.3	1.3	0.7	0.7	1.1	1.2	1.2	17	23	89.1	0.0	
II LYMPHOMA & RELATED	24	88	144	335	761	591	1352	10.8	100.0	15.8	100.0	12.8	11.6	14.3	31.3	68.6	18.3	29.6	287	631	99.0	0.1	
a. Hodgkin	0	5	28	176	535	209	744	3.8	35.4	8.7	55.0	-	0.7	2.8	16.4	48.3	5.9	15.4	99	340	99.5	0.0	
b. Non-Hodgkin except BL	7	48	58	116	190	229	419	4.2	38.7	4.9	31.0	3.7	6.3	5.8	10.8	17.1	7.3	9.5	112	198	99.3	0.2	
c. Burkitt (BL)	0	13	41	35	30	89	119	1.6	15.1	1.4	8.8	-	1.7	4.1	3.3	2.7	2.8	2.8	44	57	100.0	0.0	
d. Lymphoreticular	16	22	14	3	3	55	58	1.0	9.3	0.7	4.3	8.5	2.9	1.4	0.3	0.3	2.1	1.7	29	30	96.6	0.0	
e. Unspecified	1	0	3	5	3	9	12	0.2	1.5	0.1	0.9	0.5	-	0.3	0.5	0.3	0.3	0.3	4	6	66.7	8.3	
III CNS NEOPLASMS †	91	402	480	455	527	1428	1955	26.0	100.0	22.9	100.0	48.5	53.2	47.8	42.5	47.5	48.0	47.9	712	950	80.0	0.2	
a. Ependymoma	20	41	27	35	28	123	151	2.2	8.6	1.8	7.7	10.7	5.4	2.7	3.3	2.5	4.3	3.9	62	75	98.0	0.0	
b. Astrocytoma	29	183	224	193	197	629	826	11.4	44.0	9.7	42.3	15.5	24.2	22.3	18.0	17.8	21.1	20.4	314	403	84.6	0.0	
c. CNS embryonal	24	96	102	46	32	268	300	4.9	18.8	3.5	15.3	12.8	12.7	10.2	4.3	2.9	9.4	8.0	136	150	99.7	0.0	
d. Other gliomas	3	48	65	67	58	183	241	3.3	12.8	2.8	12.3	1.6	6.3	6.5	6.3	5.2	6.0	5.8	91	117	53.5	0.0	
e. Other specified	8	28	56	98	189	190	379	3.5	13.3	4.4	19.4	4.3	3.7	5.6	9.1	17.0	5.9	8.4	93	178	71.8	0.0	
f. Unspecified CNS	7	6	6	16	23	35	58	0.6	2.5	0.7	3.0	3.7	0.8	0.6	1.5	2.1	1.2	1.4	17	28	29.3	5.2	
IV NEUROBLASTOMA	137	203	40	13	10	393	403	7.2	100.0	4.7	100.0	73.0	26.9	4.0	1.2	0.9	15.6	12.3	206	211	95.3	0.0	
a. (Ganglio)neuroblastoma	137	202	38	11	5	388	393	7.1	98.7	4.6	97.5	73.0	26.7	3.8	1.0	0.5	15.4	12.1	204	206	95.4	0.0	
b. Peripheral nervous	0	1	2	2	5	5	10	0.1	1.3	0.1	2.5	-	0.1	0.2	0.2	0.5	0.2	0.2	2	5	90.0	0.0	
V RETINOBLASTOMA	59	74	4	1	1	138	139	2.5	100.0	1.6	100.0	31.4	9.8	0.4	0.1	0.1	5.6	4.4	73	73	72.7	0.0	
VI RENAL TUMOURS	35	173	51	16	21	275	296	5.0	100.0	3.5	100.0	18.7	22.9	5.1	1.5	1.9	10.6	8.6	143	153	99.3	0.0	
a. Nephroblastoma	35	173	48	7	6	263	269	4.8	95.6	3.1	90.9	18.7	22.9	4.8	0.7	0.5	10.3	8.1	137	140	99.3	0.0	
b. Renal carcinoma	0	0	3	9	15	12	27	0.2	4.4	0.3	9.1	-	-	0.3	0.8	1.4	0.3	0.6	6	12	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	29	45	7	9	14	90	104	1.6	100.0	1.2	100.0	15.5	6.0	0.7	0.8	1.3	3.5	3.0	47	53	99.0	0.0	
a. Hepatoblastoma	28	43	3	1	4	75	79	1.4	83.3	0.9	76.0	14.9	5.7	0.3	0.1	0.4	3.0	2.4	40	41	100.0	0.0	
b. Hepatic carcinoma	1	2	4	8	9	15	24	0.3	16.7	0.3	23.1	0.5	0.3	0.4	0.7	0.8	0.5	0.5	7	11	95.8	0.0	
c. Unspecified	0	0	0	0	1	0	1	-	-	0.0	1.0	-	-	-	-	0.1	-	0.0	-	0	0	100.0	0.0
VIII BONE TUMOURS	0	18	68	159	189	245	434	4.5	100.0	5.1	100.0	-	2.4	6.8	14.8	17.0	7.2	9.4	118	203	98.4	0.0	
a. Osteosarcoma	0	2	24	75	95	101	196	1.8	41.2	2.3	45.2	-	0.3	2.4	7.0	8.6	2.9	4.2	48	91	99.0	0.0	
b. Chondrosarcoma	0	0	1	5	18	6	24	0.1	2.4	0.3	5.5	-	-	0.1	0.5	1.6	0.2	0.5	3	11	100.0	0.0	
c. Ewing & related	0	14	38	70	63	122	185	2.2	49.8	2.2	42.6	-	1.9	3.8	6.5	5.7	3.7	4.1	59	87	98.4	0.0	
d. Other specified	0	2	5	5	10	12	22	0.2	4.9	0.3	5.1	-	0.3	0.5	0.5	0.9	0.4	0.5	6	10	90.9	0.0	
e. Unspecified	0	0	0	4	3	4	7	0.1	1.6	0.1	1.6	-	-	-	0.4	0.3	0.1	0.1	2	3	100.0	0.0	
IX SOFT TISSUE SARCOMA	35	86	81	124	190	326	516	5.9	100.0	6.0	100.0	18.7	11.4	8.1	11.6	17.1	10.9	12.3	162	248	99.0	0.0	
a. Rhabdomyosarcoma	17	61	43	39	39	160	199	2.9	49.1	2.3	38.6	9.1	8.1	4.3	3.6	3.5	5.6	5.2	81	99	99.5	0.0	
b. Fibrosarcoma	8	3	7	16	26	34	60	0.6	10.4	0.7	11.6	4.3	0.4	0.7	1.5	2.3	1.1	1.4	17	29	98.3	0.0	
c. Kaposi sarcoma	1	0	0	1	1	2	3	0.0	0.6	0.0	0.6	0.5	-	-	0.1	0.1	0.1	0.1	1	1	100.0	0.0	
d. Other specified	4	18	23	51	95	96	191	1.7	29.4	2.2	37.0	2.1	2.4	2.3	4.8	8.6	3.0	4.3	47	90	100.0	0.0	
e. Unspecified	5	4	8	17	29	34	63	0.6	10.4	0.7	12.2	2.7	0.5	0.8	1.6	2.6	1.1	1.4	17	30	95.2	0.0	
X GERM CELL TUMOURS	38	29	26	75	356	168	524	3.1	100.0	6.1	100.0	20.2	3.8	2.6	7.0	32.1	5.6	11.6	83	244	97.3	0.2	
a. CNS germ cell ‡	8	11	12	33	31	64	95	1.2	38.1	1.1	18.1	4.3	1.5	1.2	3.1	2.8	2.1	2.2	31	45	90.5	0.0	
b. Other extragonadal	19	13	1	1	12	34	46	0.6	20.2	0.5	8.8	10.1	1.7	0.1	0.1	1.1	1.4	1.3	18	23	97.8	2.2	
c. Gonadal germ cell	11	4	10	38	287	63	350	1.1	37.5	4.1	66.8	5.9	0.5	1.0	3.5	25.9	2.0	7.3	31	160	99.7	0.0	
d. Gonadal carcinoma	0	0	1	1	19	2	21	0.0	1.2	0.2	4.0	-	-	0.1	0.1	1.7	0.1	0.4	1	10	90.5	0.0	
e. Unspecified gonadal	0	1	2	2	7	5	12	0.1	3.0	0.1	2.3	-	0.1	0.2	0.2	0.6	0.2	0.3	2	6	91.7	0.0	
XI CARCINOMA & MELANOMA	2	16	44	196	636	258	894	4.7	100.0	10.5	100.0	1.1	2.1	4.4	18.3	57.4	7.5	18.7	123	410	99.2	0.0	
a. Adrenocortical	0	3	1	3	5	7	12	0.1	2.7	0.1	1.3	-	0.4	0.1	0.3	0.5	0.2	0.3	3	6	100.0	0.0	
b. Thyroid	0	1	14	89	323	104	427	1.9	40.3	5.0	47.8	-	0.1	1.4	8.3	29.1	2.9	8.8	49	195	100.0	0.0	
c. Nasopharyngeal	0	0	1	4	11	5	16	0.1	1.9	0.2	1.8	-	-	0.1	0.4	1.0	0.1	0.3	2	7	100.0	0.0	
d. Melanoma	2	11	18	53	158	84	242	1.5	32.6	2.8	27.1	1.1	1.5	1.8	4.9	14.3	2.5	5.2	41	112	97.9	0.0	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	0	1	10	47	139	58	197	1.1	22.5	2.3	22.0	-	0.1	1.0	4.4	12.5	1.6	4.1	27	90	99.0	0.0	
XII OTHER & UNSPECIFIED	1	8	2	6	12	17	29	0.3	100.0	0.3	100.0	0.5	1.1	0.2	0.6	1.1	0.6	0.7	9	14	79.3	3.4	
a. Other specified	0	8	0	3	5	11	16	0.2	64.7	0.2	55.2	-	1.1	-	0.3	0.5	0.4	0.4	6	8	100.0	0.0	
b. Other unspecified	1	0	2	3	7	6	13	0.1	35.3	0.2	44.8	0.5	-	0.2	0.3	0.6	0.2	0.3	3	6	53.8	7.7	
TOTAL	558	1886	1368	1682	3059	5494	8553	100.0	100.0	100.0	100.0	297.3	249.5	136.1	157.0	275.9	189.8	209.1	2761	4140	93.4	0.1	

† includes 424 non-malignant ‡ includes 14 non-malignant

Please consult the quality indicators for this registry

USA, New York State, NH White (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	48	422	234	169	186	873	1059	61.2	54.7	1.3	1.2	59	322	187	124	156	692	848	51.3	46.3				
a. Lymphoid	15	363	196	117	109	691	800	48.7	42.0	1.3	1.3	23	277	159	75	70	534	604	39.9	33.9				
b. Acute myeloid	17	42	23	30	48	112	160	7.7	7.9	1.2	1.1	23	27	14	30	55	94	149	6.8	7.6				
c. CMD	4	5	7	11	13	27	40	1.7	1.9	0.9	0.8	6	6	7	12	19	31	50	2.1	2.5				
d. MDS & other	5	8	5	6	8	24	32	1.7	1.6	1.3	1.2	4	6	3	5	8	18	26	1.3	1.4				
e. Unspecified	7	4	3	5	8	19	27	1.3	1.3	1.3	1.4	3	6	4	2	4	15	19	1.1	1.0				
II LYMPHOMA & RELATED	13	53	106	200	417	372	789	22.5	33.9	1.7	1.4	11	35	38	135	344	219	563	13.9	25.1				
a. Hodgkin	0	3	19	91	276	113	389	6.2	15.7	1.2	1.1	0	2	9	85	259	96	355	5.5	15.1				
b. Non-Hodgkin except BL	3	28	41	76	116	148	264	9.1	11.6	1.8	1.7	4	20	17	40	74	81	155	5.4	7.3				
c. Burkitt (BL)	0	12	34	27	21	73	94	4.5	4.3	4.6	3.8	0	1	7	8	9	16	25	1.0	1.1				
d. Lymphoreticular	9	10	10	3	1	32	33	2.3	1.8	1.4	1.3	7	12	4	0	2	23	25	1.9	1.5				
e. Unspecified	1	0	2	3	3	6	9	0.4	0.4	2.0	3.0	0	0	1	2	0	3	3	0.2	0.1				
III CNS NEOPLASMS †	44	214	271	247	260	776	1036	50.6	49.5	1.2	1.1	47	188	209	208	267	652	919	45.2	46.1				
a. Ependymoma	13	21	16	21	13	71	84	4.8	4.3	1.4	1.3	7	20	11	14	15	52	67	3.8	3.6				
b. Astrocytoma	12	96	128	101	116	337	453	22.0	21.6	1.2	1.2	17	87	96	92	81	292	373	20.2	19.0				
c. CNS embryonal	12	54	59	30	20	155	175	10.6	9.0	1.4	1.4	12	42	43	16	12	113	125	8.3	6.9				
d. Other gliomas	0	25	39	34	25	98	123	6.2	5.8	1.2	1.0	3	23	26	33	33	85	118	5.7	5.8				
e. Other specified	5	14	25	51	77	95	172	5.8	7.5	1.0	0.8	3	14	31	47	112	95	207	6.1	9.4				
f. Unspecified CNS	2	4	4	10	9	20	29	1.3	1.3	1.3	1.0	5	2	2	6	14	15	29	1.1	1.4				
IV NEUROBLASTOMA	71	108	20	7	4	206	210	15.9	12.5	1.1	1.1	66	95	20	6	6	187	193	15.2	12.0				
a. (Ganglio)neuroblastoma	71	108	19	5	1	203	204	15.8	12.3	1.1	1.1	66	94	19	6	4	185	189	15.1	11.8				
b. Peripheral nervous	0	0	1	2	3	3	6	0.2	0.2	1.5	1.5	0	1	1	0	2	2	4	0.2	0.2				
V RETINOBLASTOMA	29	38	1	1	0	69	69	5.5	4.2	1.0	1.0	30	36	3	0	1	69	70	5.8	4.5				
VI RENAL TUMOURS	16	84	23	5	11	128	139	9.7	8.0	0.9	0.9	19	89	28	11	10	147	157	11.6	9.4				
a. Nephroblastoma	16	84	21	2	3	123	126	9.4	7.4	0.9	0.9	19	89	27	5	3	140	143	11.2	8.8				
b. Renal carcinoma	0	0	2	3	8	5	13	0.3	0.5	0.7	0.9	0	0	1	6	7	7	14	0.4	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	15	24	3	2	5	44	49	3.4	2.8	1.0	0.9	14	21	4	7	9	46	55	3.6	3.2				
a. Hepatoblastoma	15	23	1	0	1	39	40	3.1	2.4	1.1	1.0	13	20	2	1	3	36	39	3.0	2.4				
b. Hepatic carcinoma	0	1	2	2	4	5	9	0.3	0.4	0.5	0.6	1	1	2	6	5	10	15	0.6	0.7				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.0				
VIII BONE TUMOURS	0	8	25	79	103	112	215	6.4	9.0	0.8	1.0	0	10	43	80	86	133	219	8.1	9.9				
a. Osteosarcoma	0	1	10	31	51	42	93	2.3	3.8	0.7	0.9	0	1	14	44	44	59	103	3.5	4.5				
b. Chondrosarcoma	0	0	0	4	10	4	14	0.2	0.6	2.0	1.4	0	0	1	1	8	2	10	0.1	0.4				
c. Ewing & related	0	7	13	38	33	58	91	3.4	3.9	0.9	1.0	0	7	25	32	30	64	94	4.0	4.4				
d. Other specified	0	0	2	4	7	6	13	0.3	0.5	1.0	1.4	0	2	3	1	3	6	9	0.4	0.5				
e. Unspecified	0	0	0	2	2	2	4	0.1	0.2	1.0	1.3	0	0	0	2	1	2	3	0.1	0.1				
IX SOFT TISSUE SARCOMA	19	56	38	60	103	173	276	11.5	13.0	1.1	1.1	16	30	43	64	87	153	240	10.3	11.6				
a. Rhabdomyosarcoma	11	38	23	20	23	92	115	6.4	5.9	1.4	1.4	6	23	20	19	16	68	84	4.8	4.4				
b. Fibrosarcoma	3	2	4	4	11	13	24	0.9	1.1	0.6	0.7	5	1	3	12	15	21	36	1.4	1.7				
c. Kaposi sarcoma	1	0	0	1	1	2	3	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	2	14	10	26	51	52	103	3.3	4.6	1.2	1.2	2	4	13	25	44	44	88	2.8	4.0				
e. Unspecified	2	2	1	9	17	14	31	0.9	1.3	0.7	1.0	3	2	7	8	12	20	32	1.3	1.5				
X GERM CELL TUMOURS	22	9	4	39	265	74	339	4.8	14.2	0.8	1.8	16	20	22	36	91	94	185	6.5	8.8				
a. CNS germ cell ‡	4	2	3	24	26	33	59	1.9	2.5	1.1	1.6	4	9	9	9	5	31	36	2.2	1.9				
b. Other extragonadal	7	3	1	0	10	11	21	0.9	1.1	0.5	0.8	12	10	0	1	2	23	25	1.9	1.6				
c. Gonadal germ cell	11	4	0	15	225	30	255	2.0	10.4	0.9	2.7	0	0	10	23	62	33	95	1.9	4.1				
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	0.1	0.0	0.1	0	0	1	1	17	2	19	0.1	0.8				
e. Unspecified gonadal	0	0	0	0	2	0	2	-	0.1	0.0	0.2	0	1	2	2	5	5	10	0.3	0.5				
XI CARCINOMA & MELANOMA	1	8	15	74	193	98	291	5.6	11.9	0.6	0.5	1	8	29	122	443	160	603	9.5	25.8				
a. Adrenocortical	0	1	0	1	3	2	5	0.1	0.2	0.4	0.7	0	2	1	2	2	5	7	0.3	0.4				
b. Thyroid	0	1	5	23	51	29	80	1.6	3.3	0.4	0.2	0	0	9	66	272	75	347	4.3	14.7				
c. Nasopharyngeal	0	0	0	2	9	2	11	0.1	0.4	0.7	2.2	0	0	1	2	2	3	5	0.2	0.2				
d. Melanoma	1	5	8	26	63	40	103	2.4	4.3	0.9	0.7	1	6	10	27	95	44	139	2.8	6.1				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
f. Other & unspecified	0	1	2	22	67	25	92	1.4	3.7	0.8	0.9	0	0	8	25	72	33	105	1.9	4.5				
XII OTHER & UNSPECIFIED	0	4	2	4	4	10	14	0.7	0.7	1.4	0.9	1	4	0	2	8	7	15	0.5	0.7				
a. Other specified	0	4	0	2	2	6	8	0.4	0.4	1.2	1.0	0	4	0	1	3	5	8	0.4	0.4				
b. Other unspecified	0	0	2	2	2	4	6	0.2	0.3	2.0	0.9	1	0	0	1	5	2	7	0.1	0.3				
TOTAL	278	1028	742	887	1551	2935	4486	197.7	214.5	1.1	1.1	280	858	626	795	1508	2559	4067	181.4	203.5				

† includes 199 non-malignant in males and 225 non-malignant in females ‡ includes 6 non-malignant in males and 8 non-malignant in females

Please consult the quality indicators for this registry

USA, New York State, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	962 947	913 656
	1-4	3 875 747	3 684 260
	5-9	5 153 846	4 893 901
	10-14	5 505 638	5 205 613
	15-19	5 693 652	5 392 739
Total	0-14	15 498 178	14 697 430
	0-19	21 191 830	20 090 169
Average annual population	0-14	1 033 212	979 829
	0-19	1 412 789	1 339 345

Please consult the quality indicators for this registry