

USA, New Jersey, 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	56	381	220	174	161	831	992	30.2	100.0	23.3	100.0	65.7	104.8	44.4	33.2	32.8	61.6	55.1	874	1038	97.6	0.9	
a. Lymphoid	21	328	187	116	83	652	735	23.7	78.5	17.3	74.1	24.6	90.2	37.7	22.1	16.9	48.7	41.5	688	772	98.0	0.8	
b. Acute myeloid	24	35	25	43	54	127	181	4.6	15.3	4.3	18.2	28.2	9.6	5.0	8.2	11.0	9.1	9.5	132	187	100.0	0.0	
c. CMD	9	4	2	10	14	25	39	0.9	3.0	0.9	3.9	10.6	1.1	0.4	1.9	2.9	1.8	2.0	26	40	82.1	2.6	
d. MDS & other	1	8	3	1	7	13	20	0.5	1.6	0.5	2.0	1.2	2.2	0.6	0.2	1.4	1.0	1.1	14	21	100.0	0.0	
e. Unspecified	1	6	3	4	3	14	17	0.5	1.7	0.4	1.7	1.2	1.6	0.6	0.8	0.6	1.0	0.9	15	18	88.2	11.8	
II LYMPHOMA & RELATED	10	31	75	156	379	272	651	9.9	100.0	15.3	100.0	11.7	8.5	15.1	29.7	77.2	17.0	30.6	270	656	98.3	0.3	
a. Hodgkin	0	4	18	74	243	96	339	3.5	35.3	8.0	52.1	-	1.1	3.6	14.1	49.5	5.6	15.5	93	341	99.4	0.3	
b. Non-Hodgkin except BL	1	12	35	57	116	105	221	3.8	38.6	5.2	33.9	1.2	3.3	7.1	10.9	23.6	6.6	10.4	104	222	98.2	0.5	
c. Burkitt (BL)	0	7	16	17	12	40	52	1.5	14.7	1.2	8.0	-	1.9	3.2	3.2	2.4	2.6	2.6	40	52	100.0	0.0	
d. Lymphoreticular	9	8	5	6	4	28	32	1.0	10.3	0.8	4.9	10.6	2.2	1.0	1.1	0.8	2.1	1.8	30	34	87.5	0.0	
e. Unspecified	0	0	1	2	4	3	7	0.1	1.1	0.2	1.1	-	-	0.2	0.4	0.8	0.2	0.3	3	7	85.7	0.0	
III CNS NEOPLASMS †	40	215	220	230	223	705	928	25.6	100.0	21.8	100.0	46.9	59.1	44.4	43.8	45.4	49.0	48.2	725	952	80.8	0.8	
a. Ependymoma	3	28	14	19	12	64	76	2.3	9.1	1.8	8.2	3.5	7.7	2.8	3.6	2.4	4.6	4.1	67	79	98.7	0.0	
b. Astrocytoma	17	103	94	106	84	320	404	11.6	45.4	9.5	43.5	19.9	28.3	19.0	20.2	17.1	22.3	21.2	329	415	84.7	0.0	
c. CNS embryonal	12	41	43	35	17	131	148	4.8	18.6	3.5	15.9	14.1	11.3	8.7	6.7	3.5	9.3	8.0	136	153	98.6	0.0	
d. Other gliomas	4	25	51	28	40	108	148	3.9	15.3	3.5	15.9	4.7	6.9	10.3	5.3	8.2	7.4	7.5	110	151	52.7	0.7	
e. Other specified	2	14	13	37	61	66	127	2.4	9.4	3.0	13.7	2.3	3.8	2.6	7.1	12.4	4.3	6.1	66	128	81.1	1.6	
f. Unspecified CNS	2	4	5	5	9	16	25	0.6	2.3	0.6	2.7	2.3	1.1	1.0	1.0	1.8	1.1	1.3	16	26	24.0	16.0	
IV NEUROBLASTOMA	87	102	19	10	3	218	221	7.9	100.0	5.2	100.0	102.1	28.0	3.8	1.9	0.6	18.1	14.2	239	242	94.6	0.0	
a. (Ganglio)neuroblastoma	87	100	18	9	1	214	215	7.8	98.2	5.1	97.3	102.1	27.5	3.6	1.7	0.2	17.8	13.8	235	236	94.4	0.0	
b. Peripheral nervous	0	2	1	1	2	4	6	0.1	1.8	0.1	2.7	-	0.5	0.2	0.2	0.4	0.3	0.3	4	6	100.0	0.0	
V RETINOBLASTOMA	22	16	4	0	0	42	42	1.5	100.0	1.0	100.0	25.8	4.4	0.8	-	-	3.5	2.7	46	46	69.0	0.0	
VI RENAL TUMOURS	22	85	21	11	12	139	151	5.0	100.0	3.6	100.0	25.8	23.4	4.2	2.1	2.4	11.2	9.2	151	163	99.3	0.0	
a. Nephroblastoma	22	84	21	6	6	133	139	4.8	95.7	3.3	92.1	25.8	23.1	4.2	1.1	1.2	10.8	8.7	145	151	99.3	0.0	
b. Renal carcinoma	0	1	0	5	6	6	12	0.2	4.3	0.3	7.9	-	0.3	-	1.0	1.2	0.4	0.6	6	12	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	7	15	2	3	7	27	34	1.0	100.0	0.8	100.0	8.2	4.1	0.4	0.6	1.4	2.2	2.0	29	37	100.0	0.0	
a. Hepatoblastoma	7	15	2	0	0	24	24	0.9	88.9	0.6	70.6	8.2	4.1	0.4	-	-	2.0	1.6	27	27	100.0	0.0	
b. Hepatic carcinoma	0	0	0	3	7	3	10	0.1	11.1	0.2	29.4	-	-	-	0.6	1.4	0.2	0.4	3	10	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	1	11	30	88	88	130	218	4.7	100.0	5.1	100.0	1.2	3.0	6.1	16.8	17.9	7.9	10.1	127	217	100.0	0.0	
a. Osteosarcoma	0	2	13	46	41	61	102	2.2	46.9	2.4	46.8	-	0.5	2.6	8.8	8.4	3.6	4.6	59	101	100.0	0.0	
b. Chondrosarcoma	0	0	1	1	10	2	12	0.1	1.5	0.3	5.5	-	-	0.2	0.2	2.0	0.1	0.6	2	12	100.0	0.0	
c. Ewing & related	1	7	14	35	28	57	85	2.1	43.8	2.0	39.0	1.2	1.9	2.8	6.7	5.7	3.5	4.0	56	85	100.0	0.0	
d. Other specified	0	2	1	4	7	7	14	0.3	5.4	0.3	6.4	-	0.5	0.2	0.8	1.4	0.5	0.7	7	14	100.0	0.0	
e. Unspecified	0	0	1	2	2	3	5	0.1	2.3	0.1	2.3	-	-	0.2	0.4	0.4	0.2	0.2	3	5	100.0	0.0	
IX SOFT TISSUE SARCOMA	11	56	35	57	88	159	247	5.8	100.0	5.8	100.0	12.9	15.4	7.1	10.9	17.9	11.2	12.7	164	254	99.2	0.0	
a. Rhabdomyosarcoma	3	34	23	23	20	83	103	3.0	52.2	2.4	41.7	3.5	9.3	4.6	4.4	4.1	6.0	5.5	86	107	100.0	0.0	
b. Fibrosarcoma	4	8	1	7	8	20	28	0.7	12.6	0.7	11.3	4.7	2.2	0.2	1.3	1.6	1.5	1.5	21	29	96.4	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	4	8	9	20	50	41	91	1.5	25.8	2.1	36.8	4.7	2.2	1.8	3.8	10.2	2.7	4.4	41	92	98.9	0.0	
e. Unspecified	0	6	2	7	10	15	25	0.5	9.4	0.6	10.1	-	1.6	0.4	1.3	2.0	1.0	1.3	15	26	100.0	0.0	
X GERM CELL TUMOURS	14	12	16	40	179	82	261	3.0	100.0	6.1	100.0	16.4	3.3	3.2	7.6	36.5	5.5	12.5	83	266	96.9	0.4	
a. CNS germ cell ‡	2	0	7	14	18	23	41	0.8	28.0	1.0	15.7	2.3	-	1.4	2.7	3.7	1.4	1.9	23	41	85.4	2.4	
b. Other extragonadal	6	4	1	4	8	15	23	0.5	18.3	0.5	8.8	7.0	1.1	0.2	0.8	1.6	1.1	1.3	16	24	91.3	0.0	
c. Gonadal germ cell	6	8	7	21	146	42	188	1.5	51.2	4.4	72.0	7.0	2.2	1.4	4.0	29.8	2.8	8.9	43	191	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	7	0	7	-	-	0.2	2.7	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
e. Unspecified gonadal	0	0	1	1	0	2	2	0.1	2.4	0.0	0.8	-	-	0.2	0.2	-	0.1	0.1	2	2	100.0	0.0	
XI CARCINOMA & MELANOMA	2	9	21	104	350	136	486	4.9	100.0	11.4	100.0	2.3	2.5	4.2	19.8	71.3	8.1	22.3	133	489	99.8	0.0	
a. Adrenocortical	2	3	1	1	2	7	9	0.3	5.1	0.2	1.9	2.3	0.8	0.2	0.2	0.4	0.6	0.5	8	10	100.0	0.0	
b. Thyroid	0	2	8	48	172	58	230	2.1	42.6	5.4	47.3	-	0.5	1.6	9.1	35.1	3.3	10.5	56	231	100.0	0.0	
c. Nasopharyngeal	0	0	0	1	6	1	7	0.0	0.7	0.2	1.4	-	-	-	0.2	1.2	0.1	0.3	1	7	100.0	0.0	
d. Melanoma	0	1	9	33	114	43	157	1.6	31.6	3.7	32.3	-	0.3	1.8	6.3	23.2	2.5	7.2	42	158	100.0	0.0	
e. Skin carcinoma	0	0	0	1	0	1	1	0.0	0.7	0.0	0.2	-	-	-	0.2	-	0.1	0.0	1	1	100.0	0.0	
f. Other & unspecified	0	3	3	20	56	26	82	0.9	19.1	1.9	16.9	-	0.8	0.6	3.8	11.4	1.6	3.8	25	82	98.8	0.0	
XII OTHER & UNSPECIFIED	3	4	3	4	5	14	19	0.5	100.0	0.4	100.0	3.5	1.1	0.6	0.8	1.0	1.0	1.0	15	20	73.7	21.1	
a. Other specified	2	3	1	2	1	8	9	0.3	57.1	0.2	47.4	2.3	0.8	0.2	0.4	0.2	0.6	0.5	8	10	100.0	0.0	
b. Other unspecified	1	1	2	2	4	6	10	0.2	42.9	0.2	52.6	1.2	0.3	0.4	0.4	0.8	0.4	0.5	6	10	50.0	40.0	
TOTAL	275	937	666	877	1495	2755	4250	100.0	100.0	100.0	100.0	322.7	257.6	134.3	167.1	304.7	196.4	220.7	2857	4380	94.0	0.5	

† includes 164 non-malignant ‡ includes 4 non-malignant

Please consult the quality indicators for this registry

USA, New Jersey, 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	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	29	217	134	91	98	471	569	68.2	61.6	1.3	1.3	27	164	86	83	63	360	423	54.7	48.4		
a. Lymphoid	9	180	112	62	61	363	424	52.7	46.2	1.3	1.4	12	148	75	54	22	289	311	44.5	36.5		
b. Acute myeloid	14	25	16	23	26	78	104	11.1	10.9	1.6	1.4	10	10	9	20	28	49	77	7.0	8.1		
c. CMD	4	3	1	4	4	12	16	1.7	1.7	0.9	0.7	5	1	1	6	10	13	23	1.9	2.4		
d. MDS & other	1	6	2	1	6	10	16	1.5	1.7	3.3	4.0	0	2	1	0	1	3	4	0.5	0.5		
e. Unspecified	1	3	3	1	1	8	9	1.2	1.0	1.3	1.1	0	3	0	3	2	6	8	0.9	0.9		
II LYMPHOMA & RELATED	6	23	53	90	206	172	378	21.3	34.8	1.7	1.4	4	8	22	66	173	100	273	12.6	26.1		
a. Hodgkin	0	4	12	37	116	53	169	6.2	15.1	1.2	1.0	0	0	6	37	127	43	170	5.0	15.9		
b. Non-Hodgkin except BL	1	10	25	33	75	69	144	8.6	13.3	1.9	1.9	0	2	10	24	41	36	77	4.4	7.3		
c. Burkitt (BL)	0	5	12	14	11	31	42	3.9	4.0	3.4	4.2	0	2	4	3	1	9	10	1.2	1.0		
d. Lymphoreticular	5	4	3	5	2	17	19	2.4	2.1	1.5	1.5	4	4	2	1	2	11	13	1.8	1.6		
e. Unspecified	0	0	1	1	2	2	4	0.2	0.4	2.0	1.3	0	0	0	1	2	1	3	0.1	0.3		
III CNS NEOPLASMS †	16	133	131	124	104	404	508	55.0	51.9	1.3	1.2	24	82	89	106	119	301	420	42.7	44.4		
a. Ependymoma	0	14	6	9	6	29	35	4.1	3.7	0.8	0.9	3	14	8	10	6	35	41	5.2	4.6		
b. Astrocytoma	7	55	56	57	51	175	226	23.7	22.9	1.2	1.3	10	48	38	49	33	145	178	20.9	19.3		
c. CNS embryonal	6	33	30	18	5	87	92	12.3	10.0	2.0	1.6	6	8	13	17	12	44	56	6.1	5.9		
d. Other gliomas	1	18	28	16	18	63	81	8.5	8.2	1.4	1.2	3	7	23	12	22	45	67	6.2	6.9		
e. Other specified	1	10	8	20	20	39	59	5.0	5.7	1.4	0.9	1	4	5	17	41	27	68	3.5	6.6		
f. Unspecified CNS	1	3	3	4	4	11	15	1.5	1.5	2.2	1.5	1	1	2	1	5	5	10	0.7	1.0		
IV NEUROBLASTOMA	42	53	12	5	2	112	114	18.0	14.2	1.1	1.1	45	49	7	5	1	106	107	18.1	14.1		
a. (Ganglio)neuroblastoma	42	52	12	4	1	110	111	17.8	13.9	1.1	1.1	45	48	6	5	0	104	104	17.8	13.8		
b. Peripheral nervous	0	1	0	1	1	2	3	0.3	0.3	1.0	1.0	0	1	1	0	1	2	3	0.3	0.3		
V RETINOBLASTOMA	11	8	4	0	0	23	23	3.7	2.9	1.2	1.2	11	8	0	0	0	19	19	3.4	2.6		
VI RENAL TUMOURS	13	45	8	5	6	71	77	11.3	9.3	1.0	1.0	9	40	13	6	6	68	74	11.1	9.2		
a. Nephroblastoma	13	45	8	3	3	69	72	11.1	8.9	1.1	1.1	9	39	13	3	3	64	67	10.6	8.5		
b. Renal carcinoma	0	0	0	2	3	2	5	0.2	0.4	0.5	0.7	0	1	0	3	3	4	7	0.5	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	4	10	1	2	3	17	20	2.7	2.4	1.7	1.4	3	5	1	1	4	10	14	1.7	1.7		
a. Hepatoblastoma	4	10	1	0	0	15	15	2.5	1.9	1.7	1.7	3	5	1	0	0	9	9	1.5	1.2		
b. Hepatic carcinoma	0	0	0	2	3	2	5	0.2	0.4	2.0	1.0	0	0	0	1	4	1	5	0.1	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	1	8	20	50	54	79	133	9.4	12.1	1.5	1.6	0	3	10	38	34	51	85	6.2	8.0		
a. Osteosarcoma	0	2	8	24	28	34	62	3.9	5.5	1.3	1.6	0	0	5	22	13	27	40	3.2	3.7		
b. Chondrosarcoma	0	0	1	1	7	2	9	0.2	0.8	-	3.0	0	0	0	0	3	0	3	-	0.3		
c. Ewing & related	1	5	10	21	14	37	51	4.5	4.8	1.9	1.5	0	2	4	14	14	20	34	2.5	3.2		
d. Other specified	0	1	0	2	5	3	8	0.4	0.7	0.8	1.3	0	1	1	2	2	4	6	0.5	0.6		
e. Unspecified	0	0	1	2	0	3	3	0.3	0.3	-	1.5	0	0	0	0	2	0	2	-	0.2		
IX SOFT TISSUE SARCOMA	6	27	22	32	50	87	137	11.8	13.6	1.2	1.2	5	29	13	25	38	72	110	10.6	11.8		
a. Rhabdomyosarcoma	3	17	17	13	11	50	61	6.9	6.3	1.5	1.5	0	17	6	10	9	33	42	4.9	4.7		
b. Fibrosarcoma	2	5	0	4	3	11	14	1.6	1.5	1.2	1.0	2	3	1	3	5	9	14	1.4	1.5		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	3	4	10	31	18	49	2.3	4.5	0.8	1.2	3	5	5	10	19	23	42	3.2	4.3		
e. Unspecified	0	2	1	5	5	8	13	1.0	1.2	1.1	1.1	0	4	1	2	5	7	12	1.1	1.3		
X GERM CELL TUMOURS	11	9	4	19	147	43	190	5.9	17.6	1.1	2.7	3	3	12	21	32	39	71	5.1	7.0		
a. CNS germ cell ‡	2	0	3	11	14	16	30	1.9	2.7	2.3	2.7	0	0	4	3	4	7	11	0.9	1.1		
b. Other extragonadal	4	2	0	2	8	8	16	1.2	1.7	1.1	2.3	2	2	1	2	0	7	7	1.1	0.8		
c. Gonadal germ cell	5	7	1	6	125	19	144	2.8	13.3	0.8	3.3	1	1	6	15	21	23	44	2.9	4.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	7	0	7	-	0.7		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	0	2	2	0.2	0.2		
XI CARCINOMA & MELANOMA	0	3	7	38	104	48	152	5.5	13.5	0.5	0.5	2	6	14	66	246	88	334	10.8	31.7		
a. Adrenocortical	0	1	1	1	0	3	3	0.4	0.3	0.8	0.5	2	2	0	0	2	4	6	0.7	0.7		
b. Thyroid	0	1	3	12	35	16	51	1.8	4.5	0.4	0.3	0	1	5	36	137	42	179	4.9	16.8		
c. Nasopharyngeal	0	0	0	0	6	0	6	-	0.5	0.0	6.0	0	0	0	1	0	1	1	0.1	0.1		
d. Melanoma	0	0	3	16	44	19	63	2.1	5.5	0.8	0.7	0	1	6	17	70	24	94	2.9	8.9		
e. Skin carcinoma	0	0	0	1	0	1	1	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	1	0	8	19	9	28	1.0	2.5	0.5	0.5	0	2	3	12	37	17	54	2.1	5.2		
XII OTHER & UNSPECIFIED	1	2	1	0	3	4	7	0.6	0.8	0.4	0.6	2	2	2	4	2	10	12	1.4	1.3		
a. Other specified	1	1	0	0	0	2	2	0.3	0.3	0.3	0.3	1	2	1	2	1	6	7	0.9	0.8		
b. Other unspecified	0	1	1	0	3	2	5	0.3	0.5	0.5	1.0	1	0	1	2	1	4	5	0.5	0.5		
TOTAL	140	538	397	456	777	1531	2308	213.6	234.5	1.3	1.2	135	399	269	421	718	1224	1942	178.2	206.2		

† includes 82 non-malignant in males and 82 non-malignant in females ‡ includes 2 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for this registry

USA, New Jersey, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	436 387	415 857
	1-4	1 863 822	1 773 247
	5-9	2 543 916	2 414 258
	10-14	2 694 475	2 553 018
	15-19	2 534 682	2 372 288
Total	0-14	7 538 600	7 156 380
	0-19	10 073 282	9 528 668
Average annual population	0-14	502 573	477 092
	0-19	671 552	635 245

Please consult the quality indicators for this registry