

## USA, Illinois (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>	104	917	556	409	427	1986	2413	31.8	100.0	25.8	100.0	40.7	89.0	42.3	30.2	31.4	53.2	48.3	760	916	97.8	1.0
a. Lymphoid	50	759	471	265	244	1545	1789	24.8	77.8	19.1	74.1	19.6	73.6	35.9	19.6	17.9	41.6	36.3	592	681	99.1	0.6
b. Acute myeloid	35	111	64	96	117	306	423	4.9	15.4	4.5	17.5	13.7	10.8	4.9	7.1	8.6	8.0	8.2	117	160	98.3	1.2
c. CMD	5	10	8	25	42	48	90	0.8	2.4	1.0	3.7	2.0	1.0	0.6	1.8	3.1	1.2	1.6	18	34	81.1	2.2
d. MDS & other	8	15	7	13	10	43	53	0.7	2.2	0.6	2.2	3.1	1.5	0.5	1.0	0.7	1.1	1.1	16	20	88.7	1.9
e. Unspecified	6	22	6	10	14	44	58	0.7	2.2	0.6	2.4	2.3	2.1	0.5	0.7	1.0	1.2	1.2	17	22	89.7	10.3
<b>II LYMPHOMA &amp; RELATED</b>	30	107	175	323	678	635	1313	10.2	100.0	14.0	100.0	11.7	10.4	13.3	23.9	49.8	15.4	23.1	239	488	99.2	0.5
a. Hodgkin	0	5	49	155	443	209	652	3.4	32.9	7.0	49.7	-	0.5	3.7	11.5	32.5	4.7	10.9	78	241	99.8	0.2
b. Non-Hodgkin except BL	7	50	78	116	184	251	435	4.0	39.5	4.6	33.1	2.7	4.9	5.9	8.6	13.5	6.1	7.8	95	162	99.1	0.2
c. Burkitt (BL)	0	18	32	35	32	85	117	1.4	13.4	1.2	8.9	-	1.7	2.4	2.6	2.4	2.1	2.1	32	44	100.0	0.0
d. Lymphoreticular	23	31	15	12	6	81	87	1.3	12.8	0.9	6.6	9.0	3.0	1.1	0.9	0.4	2.3	1.8	31	33	97.7	2.3
e. Unspecified	0	3	1	5	13	9	22	0.1	1.4	0.2	1.7	-	0.3	0.1	0.4	1.0	0.2	0.4	3	8	86.4	9.1
<b>III CNS NEOPLASMS †</b>	81	435	508	440	527	1464	1991	23.5	100.0	21.3	100.0	31.7	42.2	38.7	32.5	38.7	37.4	37.7	557	750	80.4	0.5
a. Ependymoma	17	56	38	25	45	136	181	2.2	9.3	1.9	9.1	6.7	5.4	2.9	1.8	3.3	3.7	3.6	52	69	97.8	0.0
b. Astrocytoma	29	173	198	178	172	578	750	9.3	39.5	8.0	37.7	11.3	16.8	15.1	13.2	12.6	14.8	14.3	220	283	89.2	0.4
c. CNS embryonal	19	109	87	53	46	268	314	4.3	18.3	3.4	15.8	7.4	10.6	6.6	3.9	3.4	7.1	6.3	102	119	99.7	0.3
d. Other gliomas	7	48	79	55	35	189	224	3.0	12.9	2.4	11.3	2.7	4.7	6.0	4.1	2.6	4.8	4.3	72	85	57.1	0.4
e. Other specified	5	39	95	115	217	254	471	4.1	17.3	5.0	23.7	2.0	3.8	7.2	8.5	15.9	6.1	8.3	96	175	62.8	0.4
f. Unspecified CNS	4	10	11	14	12	39	51	0.6	2.7	0.5	2.6	1.6	1.0	0.8	1.0	0.9	1.0	1.0	15	19	33.3	5.9
<b>IV NEUROBLASTOMA</b>	157	213	43	17	15	430	445	6.9	100.0	4.7	100.0	61.4	20.7	3.3	1.3	1.1	12.6	10.0	166	172	98.7	0.0
a. (Ganglio)neuroblastoma	156	212	41	15	8	424	432	6.8	98.6	4.6	97.1	61.0	20.6	3.1	1.1	0.6	12.4	9.7	164	167	99.1	0.0
b. Peripheral nervous	1	1	2	2	7	6	13	0.1	1.4	0.1	2.9	0.4	0.1	0.2	0.1	0.5	0.2	0.2	2	5	84.6	0.0
<b>V RETINOBLASTOMA</b>	59	83	3	0	0	145	145	2.3	100.0	1.5	100.0	23.1	8.1	0.2	-	-	4.3	3.4	56	56	78.6	0.0
<b>VI RENAL TUMOURS</b>	29	197	62	16	28	304	332	4.9	100.0	3.5	100.0	11.3	19.1	4.7	1.2	2.1	8.7	7.2	117	128	99.7	0.3
a. Nephroblastoma	28	195	59	9	9	291	300	4.7	95.7	3.2	90.4	11.0	18.9	4.5	0.7	0.7	8.4	6.6	112	116	100.0	0.0
b. Renal carcinoma	0	2	2	7	19	11	30	0.2	3.6	0.3	9.0	-	0.2	0.2	0.5	1.4	0.3	0.5	4	11	100.0	0.0
c. Unspecified	1	0	1	0	0	2	2	0.0	0.7	0.0	0.6	0.4	-	0.1	-	-	0.1	0.0	1	1	50.0	50.0
<b>VII HEPATIC TUMOURS</b>	29	44	10	9	16	92	108	1.5	100.0	1.2	100.0	11.3	4.3	0.8	0.7	1.2	2.6	2.3	36	41	97.2	1.9
a. Hepatoblastoma	29	39	8	2	4	78	82	1.3	84.8	0.9	75.9	11.3	3.8	0.6	0.1	0.3	2.3	1.8	30	32	98.8	1.2
b. Hepatic carcinoma	0	5	2	7	12	14	26	0.2	15.2	0.3	24.1	-	0.5	0.2	0.5	0.9	0.3	0.5	5	10	92.3	3.8
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	3	9	63	175	199	250	449	4.0	100.0	4.8	100.0	1.2	0.9	4.8	12.9	14.6	5.7	7.7	93	166	99.1	0.4
a. Osteosarcoma	0	4	37	118	121	159	280	2.5	63.6	3.0	62.4	-	0.4	2.8	8.7	8.9	3.6	4.8	59	104	99.6	0.4
b. Chondrosarcoma	0	0	2	3	2	5	7	0.1	2.0	0.1	1.6	-	-	0.2	0.2	0.1	0.1	0.1	2	3	100.0	0.0
c. Ewing & related	1	5	21	47	67	74	141	1.2	29.6	1.5	31.4	0.4	0.5	1.6	3.5	4.9	1.7	2.4	28	52	98.6	0.7
d. Other specified	2	0	1	3	8	6	14	0.1	2.4	0.1	3.1	0.8	-	0.1	0.2	0.6	0.1	0.2	2	5	100.0	0.0
e. Unspecified	0	0	2	4	1	6	7	0.1	2.4	0.1	1.6	-	-	0.2	0.3	0.1	0.1	0.1	2	3	85.7	0.0
<b>IX SOFT TISSUE SARCOMA</b>	39	102	104	164	197	409	606	6.6	100.0	6.5	100.0	15.3	9.9	7.9	12.1	14.5	10.3	11.3	155	227	99.5	0.2
a. Rhabdomyosarcoma	7	72	60	39	52	178	230	2.9	43.5	2.5	38.0	2.7	7.0	4.6	2.9	3.8	4.7	4.5	68	87	98.7	0.4
b. Fibrosarcoma	12	1	7	19	17	39	56	0.6	9.5	0.6	9.2	4.7	0.1	0.5	1.4	1.2	1.0	1.0	15	21	100.0	0.0
c. Kaposi sarcoma	0	0	0	2	2	2	4	0.0	0.5	0.0	0.7	-	-	-	0.1	0.1	0.0	0.1	1	1	100.0	0.0
d. Other specified	13	16	27	75	107	131	238	2.1	32.0	2.5	39.3	5.1	1.6	2.1	5.5	7.9	3.1	4.2	49	89	100.0	0.0
e. Unspecified	7	13	10	29	19	59	78	0.9	14.4	0.8	12.9	2.7	1.3	0.8	2.1	1.4	1.5	1.5	22	29	100.0	0.0
<b>X GERM CELL TUMOURS</b>	51	38	42	81	407	212	619	3.4	100.0	6.6	100.0	20.0	3.7	3.2	6.0	29.9	5.4	10.9	81	230	97.4	0.0
a. CNS germ cell ‡	8	2	20	28	41	58	99	0.9	27.4	1.1	16.0	3.1	0.2	1.5	2.1	3.0	1.4	1.8	22	37	85.9	0.0
b. Other extragonadal	30	20	2	4	20	56	76	0.9	26.4	0.8	12.3	11.7	1.9	0.2	0.3	1.5	1.6	1.6	22	29	97.4	0.0
c. Gonadal germ cell	13	15	18	44	317	90	407	1.4	42.5	4.3	65.8	5.1	1.5	1.4	3.3	23.3	2.2	7.0	34	150	100.0	0.0
d. Gonadal carcinoma	0	0	2	4	19	6	25	0.1	2.8	0.3	4.0	-	-	0.2	0.3	1.4	0.1	0.4	2	9	100.0	0.0
e. Unspecified gonadal	0	1	0	1	0	2	12	0.0	0.9	0.1	1.9	-	0.1	-	0.1	0.7	0.1	0.2	1	4	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	5	18	53	215	629	291	920	4.7	100.0	9.8	100.0	2.0	1.7	4.0	15.9	46.2	6.6	15.5	109	340	99.7	0.1
a. Adrenocortical	0	3	1	2	2	6	8	0.1	2.1	0.1	0.9	-	0.3	0.1	0.1	0.1	0.2	0.2	2	3	87.5	0.0
b. Thyroid	1	1	22	111	292	135	427	2.2	46.4	4.6	46.4	0.4	0.1	1.7	8.2	21.4	3.0	7.1	50	157	100.0	0.0
c. Nasopharyngeal	0	0	0	18	16	18	34	0.3	6.2	0.4	3.7	-	-	-	1.3	1.2	0.4	0.6	7	13	100.0	0.0
d. Melanoma	2	11	17	32	164	62	226	1.0	21.3	2.4	24.6	0.8	1.1	1.3	2.4	12.0	1.5	3.9	23	84	100.0	0.0
e. Skin carcinoma	0	0	0	0	2	0	2	-	-	0.0	0.2	-	-	-	-	0.1	-	0.0	-	1	100.0	0.0
f. Other & unspecified	2	3	13	52	153	70	223	1.1	24.1	2.4	24.2	0.8	0.3	1.0	3.8	11.2	1.6	3.8	26	82	99.1	0.4
<b>XII OTHER &amp; UNSPECIFIED</b>	4	3	2	9	10	18	28	0.3	100.0	0.3	100.0	1.6	0.3	0.2	0.7	0.7	0.5	0.5	7	10	75.0	10.7
a. Other specified	1	2	2	6	8	11	19	0.2	61.1	0.2	67.9	0.4	0.2	0.2	0.4	0.6	0.3	0.3	4	7	100.0	0.0
b. Other unspecified	3	1	0	3	2	7	9	0.1	38.9	0.1	32.1	1.2	0.1	-	0.2	0.1	0.2	0.2	3	3	22.2	33.3
<b>TOTAL</b>	591	2166	1621	1858	3133	6236	9369	100.0	100.0	100.0	100.0	231.2	210.1	123.4	137.3	230.1	162.6	177.8	2375	3526	94.4	0.5

† includes 534 non-malignant ‡ includes 10 non-malignant

Please consult the quality indicators for this registry

## USA, Illinois (1998-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups											Number of cases in age groups									ASR per million	
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
<b>I LEUKAEMIA</b>	56	497	306	233	269	1092	1361	57.1	52.8	1.2	1.3	48	420	250	176	158	894	1052	49.1	43.4		
a. Lymphoid	26	413	259	150	165	848	1013	44.6	39.9	1.2	1.3	24	346	212	115	79	697	776	38.4	32.5		
b. Acute myeloid	16	54	37	56	67	163	230	8.3	8.5	1.1	1.2	19	57	27	40	50	143	193	7.8	7.7		
c. CMD	5	5	4	13	22	27	49	1.3	1.7	1.3	1.2	0	5	4	12	20	21	41	1.0	1.5		
d. MDS & other	6	12	2	7	5	27	32	1.5	1.3	1.7	1.5	2	3	5	6	5	16	21	0.8	0.8		
e. Unspecified	3	13	4	7	10	27	37	1.4	1.4	1.6	1.8	3	9	2	3	4	17	21	1.0	0.9		
<b>II LYMPHOMA &amp; RELATED</b>	18	63	124	207	363	412	775	19.4	26.7	1.8	1.4	12	44	51	116	315	223	538	11.1	19.4		
a. Hodgkin	0	3	4	40	97	198	140	6.2	11.1	2.0	1.1	0	2	9	58	245	69	314	3.1	10.8		
b. Non-Hodgkin except BL	5	27	52	73	124	157	281	7.4	9.7	1.7	1.8	2	23	26	43	60	94	154	4.7	5.7		
c. Burkitt (BL)	0	14	24	27	28	65	93	3.1	3.3	3.3	3.9	0	4	8	8	4	20	24	1.0	0.9		
d. Lymphoreticular	13	18	8	6	4	45	49	2.5	2.0	1.3	1.3	10	13	7	6	2	36	38	2.0	1.6		
e. Unspecified	0	1	0	4	9	5	14	0.2	0.5	1.3	1.8	0	2	1	1	4	4	8	0.2	0.3		
<b>III CNS NEOPLASMS †</b>	43	214	262	225	246	744	990	37.2	36.7	1.0	1.0	38	221	246	215	281	720	1001	37.7	38.8		
a. Ependymoma	8	27	22	10	24	67	91	3.5	3.5	1.0	1.0	9	29	16	15	21	69	90	3.8	3.7		
b. Astrocytoma	14	79	96	90	87	279	366	13.9	13.5	0.9	1.0	15	94	102	88	85	299	384	15.7	15.1		
c. CNS embryonal	11	65	51	32	30	159	189	8.3	7.4	1.5	1.5	8	44	36	21	16	109	125	5.9	5.1		
d. Other gliomas	5	22	38	29	26	94	120	4.6	4.4	1.0	1.2	2	26	41	26	9	95	104	4.9	4.1		
e. Other specified	3	15	49	57	75	124	199	5.8	6.9	1.0	0.7	2	24	46	58	142	130	272	6.5	9.9		
f. Unspecified CNS	2	6	6	7	4	21	25	1.1	0.9	1.2	1.0	2	4	5	7	8	18	26	0.9	1.0		
<b>IV NEUROBLASTOMA</b>	81	116	23	8	7	228	235	13.1	10.3	1.1	1.1	76	97	20	9	8	202	210	12.0	9.6		
a. (Ganglio)neuroblastoma	81	115	22	7	3	225	228	12.9	10.1	1.1	1.1	75	97	19	8	5	199	204	11.9	9.4		
b. Peripheral nervous	0	1	1	1	4	3	7	0.1	0.2	1.0	1.2	1	0	1	1	3	3	6	0.2	0.2		
<b>V RETINOBLASTOMA</b>	24	40	3	0	0	67	67	3.9	3.0	0.9	0.9	35	43	0	0	0	78	78	4.8	3.7		
<b>VI RENAL TUMOURS</b>	11	87	29	6	14	133	147	7.4	6.2	0.8	0.8	18	110	33	10	14	171	185	10.0	8.2		
a. Nephroblastoma	10	86	27	2	5	125	130	7.0	5.6	0.8	0.8	18	109	32	7	4	166	170	9.7	7.7		
b. Renal carcinoma	0	1	1	4	9	6	15	0.3	0.5	1.2	1.0	0	1	1	3	10	5	15	0.2	0.5		
c. Unspecified	1	0	1	0	0	2	2	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	17	28	6	4	9	55	64	3.1	2.7	1.5	1.5	12	16	4	5	7	37	44	2.1	1.9		
a. Hepatoblastoma	17	24	4	0	1	45	46	2.6	2.1	1.4	1.3	12	15	4	2	3	33	36	1.9	1.6		
b. Hepatic carcinoma	0	4	2	4	8	10	18	0.5	0.6	2.5	2.3	0	1	0	3	4	4	8	0.2	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	1	5	28	88	117	122	239	5.4	7.9	1.0	1.1	2	4	35	87	82	128	210	5.9	7.4		
a. Osteosarcoma	0	2	18	60	77	80	157	3.5	5.2	1.0	1.3	0	2	19	58	44	79	123	3.6	4.3		
b. Chondrosarcoma	0	0	1	2	0	3	3	0.1	0.1	1.5	0.8	0	0	1	1	2	2	4	0.1	0.1		
c. Ewing & related	0	3	8	24	35	35	70	1.6	2.3	0.9	1.0	1	2	13	23	32	39	71	1.8	2.5		
d. Other specified	1	0	0	1	4	2	6	0.1	0.2	0.5	0.8	1	0	1	2	4	4	8	0.2	0.3		
e. Unspecified	0	0	1	1	1	2	3	0.1	0.1	0.5	0.8	0	0	1	3	0	4	4	0.2	0.1		
<b>IX SOFT TISSUE SARCOMA</b>	27	56	64	78	104	225	329	11.2	12.0	1.2	1.2	12	46	40	86	93	184	277	9.4	10.4		
a. Rhabdomyosarcoma	4	39	39	19	33	101	134	5.2	5.1	1.3	1.4	3	33	21	20	19	77	96	4.1	3.9		
b. Fibrosarcoma	10	1	3	8	11	22	33	1.1	1.2	1.3	1.4	2	0	4	11	6	17	23	0.8	0.8		
c. Kaposi sarcoma	0	0	0	2	2	2	4	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	9	8	17	34	48	68	116	3.2	4.1	1.1	1.0	4	8	10	41	59	63	122	3.0	4.4		
e. Unspecified	4	8	5	15	10	32	42	1.6	1.5	1.2	1.2	3	5	5	14	9	27	36	1.4	1.4		
<b>X GERM CELL TUMOURS</b>	24	21	15	30	307	90	397	4.6	13.4	0.7	1.8	27	17	27	51	100	122	222	6.3	8.3		
a. CNS germ cell ‡	3	1	14	19	36	37	73	1.7	2.5	1.8	2.8	5	1	6	9	5	21	26	1.1	1.0		
b. Other extragonadal	9	10	0	3	10	22	32	1.2	1.3	0.6	0.7	21	10	2	1	10	34	44	2.1	1.9		
c. Gonadal germ cell	12	10	1	8	259	31	290	1.7	9.6	0.5	2.5	1	5	17	36	58	59	117	2.8	4.2		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.0	0.0	0.0	0	0	2	4	18	6	24	0.3	0.8		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.0	0.0	0.1	0	1	0	1	9	2	11	0.1	0.4		
<b>XI CARCINOMA &amp; MELANOMA</b>	3	7	22	73	182	105	287	4.7	9.5	0.6	0.5	2	11	31	142	447	186	633	8.6	21.9		
a. Adrenocortical	0	0	0	1	0	1	1	0.0	0.0	0.2	0.1	0	3	1	1	2	5	7	0.3	0.3		
b. Thyroid	0	1	9	21	43	31	74	1.4	2.4	0.3	0.2	1	0	13	90	249	104	353	4.7	12.1		
c. Nasopharyngeal	0	0	0	13	8	13	21	0.5	0.7	2.6	1.6	0	0	0	5	8	5	13	0.2	0.4		
d. Melanoma	2	4	7	15	60	28	88	1.3	2.9	0.8	0.6	0	7	10	17	104	34	138	1.7	4.9		
e. Skin carcinoma	0	0	0	0	2	0	2	-	0.1	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	1	2	6	23	69	32	101	1.4	3.3	0.8	0.8	1	1	7	29	84	38	122	1.7	4.2		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	2	1	3	5	6	11	0.3	0.4	0.5	0.6	4	1	1	6	5	12	17	0.6	0.7		
a. Other specified	0	1	1	2	3	4	7	0.2	0.2	0.6	0.6	1	1	1	4	5	7	12	0.3	0.4		
b. Other unspecified	0	1	0	1	2	2	4	0.1	0.1	0.4	0.8	3	0	0	2	0	5	5	0.3	0.2		
<b>TOTAL</b>	305	1136	883	955	1623	3279	4902	167.4	181.7	1.1	1.1	286	1030	738	903	1510	2957	4467	157.6	173.7		

† includes 231 non-malignant in males and 303 non-malignant in females ‡ includes 6 non-malignant in males and 4 non-malignant in females

Please consult the quality indicators for this registry

## USA, Illinois (1998-2012)

	Age group	Males	Females
Person-years	0	1 305 726	1 250 644
	1-4	5 263 015	5 045 706
	5-9	6 711 908	6 421 519
	10-14	6 918 974	6 610 803
	15-19	7 024 834	6 589 959
Total	0-14	20 199 623	19 328 672
	0-19	27 224 457	25 918 631
Average annual population	0-14	1 346 642	1 288 578
	0-19	1 814 964	1 727 909

Please consult the quality indicators for this registry