

## USA, Indiana, 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
<b>I LEUKAEMIA</b>	55	348	222	136	169	761	930	28.9	100.0	23.6	100.0	56.6	88.4	43.0	25.0	29.8	52.9	47.7	750	899	98.7	0.1	
a. Lymphoid	29	302	189	99	75	619	694	23.5	81.3	17.6	74.6	29.8	76.7	36.6	18.2	13.2	43.2	36.4	611	677	99.4	0.0	
b. Acute myeloid	17	37	23	24	66	101	167	3.8	13.3	4.2	18.0	17.5	9.4	4.5	4.4	11.7	7.0	8.0	99	158	98.2	0.6	
c. CMD	1	0	4	6	17	11	28	0.4	1.4	0.7	3.0	1.0	-	0.8	1.1	3.0	0.6	1.2	10	25	85.7	0.0	
d. MDS & other	5	7	4	4	6	20	26	0.8	2.6	0.7	2.8	5.1	1.8	0.8	0.7	1.1	1.4	1.3	20	25	100.0	0.0	
e. Unspecified	3	2	2	3	5	10	15	0.4	1.3	0.4	1.6	3.1	0.5	0.4	0.6	0.9	0.7	0.7	10	14	93.3	0.0	
<b>II LYMPHOMA &amp; RELATED</b>	4	53	72	138	318	267	585	10.2	100.0	14.9	100.0	4.1	13.5	13.9	25.3	56.2	16.4	25.3	255	535	99.5	0.2	
a. Hodgkin	0	4	17	69	237	90	327	3.4	33.7	8.3	55.9	-	1.0	3.3	12.7	41.8	5.1	13.3	84	293	99.7	0.0	
b. Non-Hodgkin except BL	1	26	33	47	71	107	178	4.1	40.1	4.5	30.4	1.0	6.6	6.4	8.6	12.5	6.7	8.0	103	165	99.4	0.0	
c. Burkitt (BL)	0	7	15	17	8	39	47	1.5	14.6	1.2	8.0	-	1.8	2.9	3.1	1.4	2.4	2.2	37	44	100.0	0.0	
d. Lymphoreticular	3	16	5	4	1	28	29	1.1	10.5	0.7	5.0	3.1	4.1	1.0	0.7	0.2	2.0	1.6	28	29	100.0	0.0	
e. Unspecified	0	0	2	1	1	3	4	0.1	1.1	0.1	0.7	-	-	0.4	0.2	0.2	0.2	0.2	3	4	75.0	25.0	
<b>III CNS NEOPLASMS †</b>	46	235	212	207	227	700	927	26.6	100.0	23.5	100.0	47.3	59.7	41.1	38.0	40.1	46.4	45.0	682	882	75.5	0.2	
a. Ependymoma	8	30	14	8	11	60	71	2.3	8.6	1.8	7.7	8.2	7.6	2.7	1.5	1.9	4.3	3.8	60	69	97.2	0.0	
b. Astrocytoma	14	99	90	84	82	287	369	10.9	41.0	9.4	39.8	14.4	25.1	17.4	15.4	14.5	19.0	18.0	279	352	83.2	0.0	
c. CNS embryonal	15	60	42	32	18	149	167	5.7	21.3	4.2	18.0	15.4	15.2	8.1	5.9	3.2	10.2	8.7	146	162	100.0	0.0	
d. Other gliomas	3	33	40	32	32	108	140	4.1	15.4	3.6	15.1	3.1	8.4	7.7	5.9	5.7	7.0	6.7	105	133	33.6	0.0	
e. Other specified	4	12	22	48	75	86	161	3.3	12.3	4.1	17.4	4.1	3.0	4.3	8.8	13.2	5.2	7.0	82	148	65.8	0.6	
f. Unspecified CNS	2	1	4	3	9	10	19	0.4	1.4	0.5	2.0	2.1	0.3	0.8	0.6	1.6	0.6	0.9	10	18	21.1	5.3	
<b>IV NEUROBLASTOMA</b>	76	110	22	10	5	218	223	8.3	100.0	5.7	100.0	78.2	27.9	4.3	1.8	0.9	16.6	13.0	220	224	97.8	1.3	
a. (Ganglio)neuroblastoma	76	109	21	9	3	215	218	8.2	98.6	5.5	97.8	78.2	27.7	4.1	1.7	0.5	16.4	12.8	217	220	97.7	1.4	
b. Peripheral nervous	0	1	1	1	2	3	5	0.1	1.4	0.1	2.2	-	0.3	0.2	0.2	0.4	0.2	0.2	3	5	100.0	0.0	
<b>V RETINOBLASTOMA</b>	23	26	0	0	0	49	49	1.9	100.0	1.2	100.0	23.7	6.6	-	-	-	3.9	3.0	50	50	73.5	0.0	
<b>VI RENAL TUMOURS</b>	16	81	30	8	11	135	146	5.1	100.0	3.7	100.0	16.5	20.6	5.8	1.5	1.9	9.9	8.1	135	145	98.6	0.7	
a. Nephroblastoma	16	81	29	2	1	128	129	4.9	94.8	3.3	88.4	16.5	20.6	5.6	0.4	0.2	9.6	7.5	129	130	98.4	0.8	
b. Renal carcinoma	0	0	1	6	10	7	17	0.3	5.2	0.4	11.6	-	-	0.2	1.1	1.8	0.4	0.7	6	15	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VII HEPATIC TUMOURS</b>	9	25	3	9	4	46	50	1.7	100.0	1.3	100.0	9.3	6.3	0.6	1.7	0.7	3.3	2.8	46	49	98.0	0.0	
a. Hepatoblastoma	9	24	2	2	1	37	38	1.4	80.4	1.0	76.0	9.3	6.1	0.4	0.4	0.2	2.8	2.2	37	38	100.0	0.0	
b. Hepatic carcinoma	0	1	1	7	3	9	12	0.3	19.6	0.3	24.0	-	0.3	0.2	1.3	0.5	0.5	0.5	8	11	91.7	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	0	6	37	66	100	109	209	4.1	100.0	5.3	100.0	-	1.5	7.2	12.1	17.7	6.3	8.9	103	191	99.5	0.0	
a. Osteosarcoma	0	0	22	36	47	58	105	2.2	53.2	2.7	50.2	-	-	4.3	6.6	8.3	3.3	4.4	54	96	100.0	0.0	
b. Chondrosarcoma	0	0	0	1	6	1	7	0.0	0.9	0.2	3.3	-	-	-	0.2	1.1	0.1	0.3	1	6	100.0	0.0	
c. Ewing & related	0	6	14	25	44	45	89	1.7	41.3	2.3	42.6	-	1.5	2.7	4.6	7.8	2.7	3.8	43	81	98.9	0.0	
d. Other specified	0	0	1	3	2	4	6	0.2	3.7	0.2	2.9	-	-	0.2	0.6	0.4	0.2	0.3	4	5	100.0	0.0	
e. Unspecified	0	0	0	1	1	1	2	0.0	0.9	0.1	1.0	-	-	-	0.2	0.2	0.1	0.1	1	2	100.0	0.0	
<b>IX SOFT TISSUE SARCOMA</b>	14	50	45	56	62	165	227	6.3	100.0	5.8	100.0	14.4	12.7	8.7	10.3	10.9	10.8	10.9	160	215	99.1	0.0	
a. Rhabdomyosarcoma	5	43	19	19	11	86	97	3.3	52.1	2.5	42.7	5.1	10.9	3.7	3.5	1.9	6.0	5.1	85	94	99.0	0.0	
b. Fibrosarcoma	2	2	5	8	12	17	29	0.6	10.3	0.7	12.8	2.1	0.5	1.0	1.5	2.1	1.1	1.3	16	27	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	6	3	14	21	30	44	74	1.7	26.7	1.9	32.6	6.2	0.8	2.7	3.9	5.3	2.7	3.3	42	68	100.0	0.0	
e. Unspecified	1	2	7	8	9	18	27	0.7	10.9	0.7	11.9	1.0	0.5	1.4	1.5	1.6	1.1	1.2	17	25	96.3	0.0	
<b>X GERM CELL TUMOURS</b>	22	6	13	23	139	64	203	2.4	100.0	5.2	100.0	22.6	1.5	2.5	4.2	24.5	4.2	8.8	62	185	98.5	0.0	
a. CNS germ cell ‡	1	1	11	7	13	20	33	0.8	31.3	0.8	16.3	1.0	0.3	2.1	1.3	2.3	1.2	1.5	19	31	93.9	0.0	
b. Other extragonadal	18	1	1	1	10	21	31	0.8	32.8	0.8	15.3	18.5	0.3	0.2	0.2	1.8	1.6	1.6	21	30	96.8	0.0	
c. Gonadal germ cell	3	4	0	12	110	19	129	0.7	29.7	3.3	63.5	3.1	1.0	-	2.2	19.4	1.2	5.3	18	115	100.0	0.0	
d. Gonadal carcinoma	0	0	1	1	5	2	7	0.1	3.1	0.2	3.4	-	-	0.2	0.2	0.9	0.1	0.3	2	6	100.0	0.0	
e. Unspecified gonadal	0	0	0	2	1	2	3	0.1	3.1	0.1	1.5	-	-	-	0.4	0.2	0.1	0.1	2	3	100.0	0.0	
<b>XI CARCINOMA &amp; MELANOMA</b>	3	8	26	67	272	104	376	4.0	100.0	9.5	100.0	3.1	2.0	5.0	12.3	48.0	6.1	15.5	98	338	100.0	0.0	
a. Adrenocortical	1	4	0	1	4	6	10	0.2	5.8	0.3	2.7	1.0	1.0	-	0.2	0.7	0.4	0.5	6	10	100.0	0.0	
b. Thyroid	0	1	10	33	106	44	150	1.7	42.3	3.8	39.9	-	0.3	1.9	6.1	18.7	2.5	6.1	41	135	100.0	0.0	
c. Nasopharyngeal	0	0	0	1	7	1	8	0.0	1.0	0.2	2.1	-	-	-	0.2	1.2	0.1	0.3	1	7	100.0	0.0	
d. Melanoma	2	2	9	10	94	23	117	0.9	22.1	3.0	31.1	2.1	0.5	1.7	1.8	16.6	1.4	4.8	22	105	100.0	0.0	
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.0	0.3	-	-	-	-	0.2	-	0.0	-	1	1	100.0	0.0
f. Other & unspecified	0	1	7	22	60	30	90	1.1	28.8	2.3	23.9	-	0.3	1.4	4.0	10.6	1.7	3.7	28	81	100.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	1	4	4	2	2	11	13	0.4	100.0	0.3	100.0	1.0	1.0	0.8	0.4	0.4	0.8	0.7	11	13	100.0	0.0	
a. Other specified	1	4	3	2	2	10	12	0.4	90.9	0.3	92.3	1.0	1.0	0.6	0.4	0.4	0.7	0.6	10	12	100.0	0.0	
b. Other unspecified	0	0	1	0	0	1	1	0.0	9.1	0.0	7.7	-	-	0.2	-	-	0.1	0.0	1	1	100.0	0.0	
<b>TOTAL</b>	269	952	686	722	1309	2629	3938	100.0	100.0	100.0	100.0	276.8	241.7	132.9	132.6	231.1	177.6	189.7	2571	3726	93.2	0.2	

† includes 183 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

## USA, Indiana, 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		
<b>I LEUKAEMIA</b>	28	198	122	64	110	412	522	56.2	52.1	1.2	1.3	27	150	100	72	59	349	408	49.4	43.1				
a. Lymphoid	13	176	103	43	52	335	387	46.1	39.7	1.2	1.3	16	126	86	56	23	284	307	40.2	33.0				
b. Acute myeloid	8	16	12	13	40	49	89	6.5	8.1	0.9	1.1	9	21	11	11	26	52	78	7.5	7.9				
c. CMD	1	0	3	3	10	7	17	0.8	1.4	1.8	1.5	0	0	1	3	7	4	11	0.5	0.9				
d. MDS & other	5	4	3	2	3	14	17	2.0	1.7	2.3	1.9	0	3	1	2	3	6	9	0.8	0.9				
e. Unspecified	1	2	1	3	5	7	12	0.9	1.1	2.3	4.0	2	0	1	0	0	3	3	0.5	0.4				
<b>II LYMPHOMA &amp; RELATED</b>	1	37	44	83	168	165	333	19.8	28.4	1.6	1.3	3	16	28	55	150	102	252	12.7	22.0				
a. Hodgkin	0	4	11	39	117	54	171	6.0	13.7	1.5	1.1	0	0	6	30	120	36	156	4.1	12.9				
b. Non-Hodgkin except BL	0	19	20	29	47	68	115	8.4	10.1	1.7	1.8	1	7	13	18	24	39	63	4.9	5.8				
c. Burkitt (BL)	0	6	9	13	4	28	32	3.4	2.9	2.5	2.1	0	1	6	4	4	11	15	1.4	1.4				
d. Lymphoreticular	1	8	3	2	0	14	14	2.0	1.5	1.0	0.9	2	8	2	2	1	14	15	2.1	1.7				
e. Unspecified	0	0	1	0	0	1	1	0.1	0.1	0.5	0.3	0	0	1	1	1	2	3	0.2	0.3				
<b>III CNS NEOPLASMS †</b>	24	115	125	105	101	369	470	47.5	44.6	1.1	1.0	22	120	87	102	126	331	457	45.3	45.4				
a. Ependymoma	2	13	10	5	4	30	34	4.0	3.4	1.0	0.9	6	17	4	3	7	30	37	4.6	4.1				
b. Astrocytoma	5	45	46	45	38	141	179	18.0	16.9	1.0	0.9	9	54	44	39	44	146	190	20.1	19.2				
c. CNS embryonal	10	37	32	18	11	97	108	13.0	10.9	1.9	1.8	5	23	10	14	7	52	59	7.3	6.3				
d. Other gliomas	2	14	23	14	16	53	69	6.7	6.4	1.0	1.0	1	19	17	18	16	55	71	7.4	7.0				
e. Other specified	3	6	11	21	29	41	70	4.9	6.1	0.9	0.8	1	6	11	27	46	45	91	5.5	8.0				
f. Unspecified CNS	2	0	3	2	3	7	10	0.9	0.9	2.3	1.1	0	1	1	1	6	3	9	0.4	0.8				
<b>IV NEUROBLASTOMA</b>	47	54	13	6	4	120	124	17.7	14.1	1.2	1.3	29	56	9	4	1	98	99	15.3	12.0				
a. (Ganglio)neuroblastoma	47	54	13	5	3	119	122	17.6	13.9	1.2	1.3	29	55	8	4	0	96	96	15.1	11.7				
b. Peripheral nervous	0	0	0	1	1	1	2	0.1	0.2	0.5	0.7	0	1	1	0	1	2	3	0.3	0.3				
<b>V RETINOBLASTOMA</b>	11	10	0	0	0	21	21	3.2	2.5	0.8	0.8	12	16	0	0	0	28	28	4.5	3.5				
<b>VI RENAL TUMOURS</b>	12	38	12	5	5	67	72	9.7	7.9	1.0	1.0	4	43	18	3	6	68	74	10.2	8.4				
a. Nephroblastoma	12	38	11	1	0	62	62	9.1	7.1	0.9	0.9	4	43	18	1	1	66	67	10.0	7.9				
b. Renal carcinoma	0	0	1	4	5	5	10	0.5	0.8	2.5	1.4	0	0	0	2	5	2	7	0.2	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VII HEPATIC TUMOURS</b>	6	15	2	7	0	30	30	4.2	3.3	1.9	1.5	3	10	1	2	4	16	20	2.5	2.2				
a. Hepatoblastoma	6	15	1	1	0	23	23	3.5	2.7	1.6	1.5	3	9	1	1	1	14	15	2.2	1.8				
b. Hepatic carcinoma	0	0	1	6	0	7	7	0.7	0.6	3.5	1.4	0	1	0	1	3	2	5	0.3	0.5				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	0	1	20	35	64	56	120	6.2	9.8	1.1	1.3	0	5	17	31	36	53	89	6.4	7.9				
a. Osteosarcoma	0	0	13	18	36	31	67	3.5	5.5	1.1	1.8	0	0	9	18	11	27	38	3.1	3.3				
b. Chondrosarcoma	0	0	0	0	4	0	4	-	0.3	0.0	1.3	0	0	0	1	2	1	3	0.1	0.2				
c. Ewing & related	0	1	7	14	23	22	45	2.5	3.7	1.0	1.0	0	5	7	11	21	23	44	2.9	4.0				
d. Other specified	0	0	0	2	0	2	2	0.2	0.2	1.0	0.5	0	0	1	1	2	2	4	0.2	0.3				
e. Unspecified	0	0	0	1	1	1	2	0.1	0.2	-	-	0	0	0	0	0	0	0	-	-				
<b>IX SOFT TISSUE SARCOMA</b>	8	30	27	34	30	99	129	12.7	12.1	1.5	1.3	6	20	18	22	32	66	98	8.9	9.5				
a. Rhabdomyosarcoma	3	28	11	13	7	55	62	7.5	6.3	1.8	1.8	2	15	8	6	4	31	35	4.4	3.8				
b. Fibrosarcoma	1	0	2	6	3	9	12	1.0	1.0	1.1	0.7	1	2	3	2	9	8	17	1.1	1.6				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	3	1	11	12	17	27	44	3.2	3.8	1.6	1.5	3	2	3	9	13	17	30	2.2	2.7				
e. Unspecified	1	1	3	3	3	8	11	1.0	1.0	0.8	0.7	0	1	4	5	6	10	16	1.2	1.4				
<b>X GERM CELL TUMOURS</b>	10	3	5	6	104	24	128	3.2	10.6	0.6	1.7	12	3	8	17	35	40	75	5.3	7.0				
a. CNS germ cell ‡	1	0	4	4	11	9	20	1.1	1.7	0.8	1.5	0	1	7	3	2	11	13	1.4	1.2				
b. Other extragonadal	6	0	1	1	5	8	13	1.1	1.3	0.6	0.7	12	1	0	0	5	13	18	2.1	2.0				
c. Gonadal germ cell	3	3	0	1	88	7	95	1.0	7.6	0.6	2.8	0	1	0	11	22	12	34	1.4	2.8				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	5	2	7	0.2	0.6				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	1	2	3	0.2	0.3				
<b>XI CARCINOMA &amp; MELANOMA</b>	1	4	11	33	71	49	120	5.5	9.8	0.9	0.5	2	4	15	34	201	55	256	6.6	21.5				
a. Adrenocortical	1	3	0	1	0	5	5	0.7	0.6	5.0	1.0	0	1	0	0	4	1	5	0.2	0.5				
b. Thyroid	0	0	4	11	19	15	34	1.6	2.7	0.5	0.3	0	1	6	22	87	29	116	3.3	9.7				
c. Nasopharyngeal	0	0	0	1	3	1	4	0.1	0.3	-	1.0	0	0	0	0	4	0	4	-	0.3				
d. Melanoma	0	1	5	7	28	13	41	1.5	3.3	1.3	0.5	2	1	4	3	66	10	76	1.3	6.4				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1				
f. Other & unspecified	0	0	2	13	21	15	36	1.6	2.9	1.0	0.7	0	1	5	9	39	15	54	1.8	4.6				
<b>XII OTHER &amp; UNSPECIFIED</b>	1	3	2	1	0	7	7	1.0	0.7	1.8	1.2	0	1	2	1	2	4	6	0.5	0.6				
a. Other specified	1	3	2	1	0	7	7	1.0	0.7	2.3	1.4	0	1	1	1	2	3	5	0.4	0.5				
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.1	0.1				
<b>TOTAL</b>	149	508	383	379	657	1419	2076	187.0	195.9	1.2	1.1	120	444	303	343	652	1210	1862	167.7	183.1				

† includes 81 non-malignant in males and 102 non-malignant in females ‡ includes 1 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

## USA, Indiana, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	498 706	473 003
	1-4	2 018 948	1 919 817
	5-9	2 650 787	2 511 103
	10-14	2 794 845	2 649 620
	15-19	2 898 023	2 765 316
Total	0-14	7 963 286	7 553 543
	0-19	10 861 309	10 318 859
Average annual population	0-14	530 886	503 570
	0-19	724 087	687 924

Please consult the quality indicators for this registry