

USA, Indiana (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
I LEUKAEMIA	73	424	267	171	211	935	1146	29.1	100.0	24.1	100.0	57.1	82.5	40.6	25.3	30.4	50.4	45.9	717	869	98.3	0.2
a. Lymphoid	36	365	226	123	97	750	847	23.3	80.2	17.8	73.9	28.2	71.0	34.4	18.2	14.0	40.6	34.6	575	645	99.3	0.0
b. Acute myeloid	23	50	30	30	77	133	210	4.1	14.2	4.4	18.3	18.0	9.7	4.6	4.4	11.1	7.2	8.0	102	157	98.6	0.5
c. CMD	2	0	4	7	21	13	34	0.4	1.4	0.7	3.0	1.6	-	0.6	1.0	3.0	0.6	1.2	10	25	82.4	0.0
d. MDS & other	8	7	5	5	9	25	34	0.8	2.7	0.7	3.0	6.3	1.4	0.8	0.7	1.3	1.4	1.3	19	26	97.1	0.0
e. Unspecified	4	2	2	6	7	14	21	0.4	1.5	0.4	1.8	3.1	0.4	0.3	0.9	1.0	0.7	0.8	11	16	85.7	4.8
II LYMPHOMA & RELATED	9	70	87	169	366	335	701	10.4	100.0	14.7	100.0	7.0	13.6	13.2	25.0	52.7	16.3	24.5	253	516	99.1	0.1
a. Hodgkin	0	7	24	81	261	112	373	3.5	33.4	7.8	53.2	-	1.4	3.7	12.0	37.6	5.1	12.4	84	272	99.5	0.0
b. Non-Hodgkin except BL	3	34	41	62	93	140	233	4.4	41.8	4.9	33.2	2.3	6.6	6.2	9.2	13.4	6.9	8.4	106	173	98.7	0.0
c. Burkitt (BL)	1	9	15	20	10	45	55	1.4	13.4	1.2	7.8	0.8	1.8	2.3	3.0	1.4	2.2	2.0	34	41	100.0	0.0
d. Lymphoreticular	5	20	5	5	1	35	36	1.1	10.4	0.8	5.1	3.9	3.9	0.8	0.7	0.1	2.0	1.6	27	28	100.0	0.0
e. Unspecified	0	0	2	1	1	3	4	0.1	0.9	0.1	0.6	-	-	0.3	0.1	0.1	0.1	0.1	2	3	75.0	25.0
III CNS NEOPLASMS †	61	286	245	250	263	842	1105	26.2	100.0	23.2	100.0	47.7	55.7	37.3	37.0	37.9	43.7	42.4	642	831	75.5	0.3
a. Ependymoma	12	38	18	12	12	80	92	2.5	9.5	1.9	8.3	9.4	7.4	2.7	1.8	1.7	4.4	3.8	62	70	97.8	0.0
b. Astrocytoma	14	120	98	96	95	328	423	10.2	39.0	8.9	38.3	11.0	23.4	14.9	14.2	13.7	17.0	16.3	250	318	84.2	0.0
c. CNS embryonal	20	67	52	33	21	172	193	5.3	20.4	4.1	17.5	15.6	13.0	7.9	4.9	3.0	9.2	7.8	132	147	100.0	0.0
d. Other gliomas	4	44	47	38	35	133	168	4.1	15.8	3.5	15.2	3.1	8.6	7.1	5.6	5.0	6.8	6.4	101	126	33.9	0.0
e. Other specified	7	14	24	67	90	112	202	3.5	13.3	4.2	18.3	5.5	2.7	3.7	9.9	13.0	5.3	7.0	84	149	65.3	0.5
f. Unspecified CNS	4	3	6	4	10	17	27	0.5	2.0	0.6	2.4	3.1	0.6	0.9	0.6	1.4	0.9	1.0	13	20	22.2	7.4
IV NEUROBLASTOMA	88	134	23	11	6	256	262	8.0	100.0	5.5	100.0	68.8	26.1	3.5	1.6	0.9	15.0	11.8	199	203	97.3	1.1
a. (Ganglio)neuroblastoma	88	133	22	10	4	253	257	7.9	98.8	5.4	98.1	68.8	25.9	3.3	1.5	0.6	14.8	11.6	196	199	97.3	1.2
b. Peripheral nervous	0	1	1	1	2	3	5	0.1	1.2	0.1	1.9	-	0.2	0.2	0.1	0.3	0.2	0.2	2	4	100.0	0.0
V RETINOBLASTOMA	35	33	0	0	0	68	68	2.1	100.0	1.4	100.0	27.4	6.4	-	-	-	4.1	3.2	53	53	73.5	0.0
VI RENAL TUMOURS	20	105	42	13	14	180	194	5.6	100.0	4.1	100.0	15.6	20.4	6.4	1.9	2.0	10.2	8.3	139	149	99.0	0.5
a. Nephroblastoma	20	105	41	4	1	170	171	5.3	94.4	3.6	88.1	15.6	20.4	6.2	0.6	0.1	9.7	7.6	132	132	98.8	0.6
b. Renal carcinoma	0	0	1	9	13	10	23	0.3	5.6	0.5	11.9	-	-	0.2	1.3	1.9	0.4	0.8	7	17	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	10	30	3	10	4	53	57	1.6	100.0	1.2	100.0	7.8	5.8	0.5	1.5	0.6	3.0	2.4	41	44	98.2	0.0
a. Hepatoblastoma	10	29	2	2	1	43	44	1.3	81.1	0.9	77.2	7.8	5.6	0.3	0.3	0.1	2.5	2.0	33	34	100.0	0.0
b. Hepatic carcinoma	0	1	1	8	3	10	13	0.3	18.9	0.3	22.8	-	0.2	0.2	1.2	0.4	0.5	0.4	7	10	92.3	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	7	44	80	118	131	249	4.1	100.0	5.2	100.0	-	1.4	6.7	11.8	17.0	6.0	8.5	98	183	98.8	0.0
a. Osteosarcoma	0	1	28	46	57	75	132	2.3	57.3	2.8	53.0	-	0.2	4.3	6.8	8.2	3.4	4.5	56	97	99.2	0.0
b. Chondrosarcoma	0	0	0	2	8	2	10	0.1	1.5	0.2	4.0	-	-	-	0.3	1.2	0.1	0.3	1	7	100.0	0.0
c. Ewing & related	0	6	14	28	48	48	96	1.5	36.6	2.0	38.6	-	1.2	2.1	4.1	6.9	2.3	3.3	36	71	99.0	0.0
d. Other specified	0	0	2	3	3	5	8	0.2	3.8	0.2	3.2	-	-	0.3	0.4	0.4	0.2	0.3	4	6	100.0	0.0
e. Unspecified	0	0	0	1	2	1	3	0.0	0.8	0.1	1.2	-	-	-	0.1	0.3	0.0	0.1	1	2	66.7	0.0
IX SOFT TISSUE SARCOMA	21	56	55	70	81	202	283	6.3	100.0	5.9	100.0	16.4	10.9	8.4	10.4	11.7	10.4	10.6	154	212	98.9	0.0
a. Rhabdomyosarcoma	5	49	25	25	19	104	123	3.2	51.5	2.6	43.5	3.9	9.5	3.8	3.7	2.7	5.6	4.9	80	93	99.2	0.0
b. Fibrosarcoma	6	2	7	9	16	24	40	0.7	11.9	0.8	14.1	4.7	0.4	1.1	1.3	2.3	1.2	1.5	18	30	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	7	3	16	28	34	54	88	1.7	26.7	1.8	31.1	5.5	0.6	2.4	4.1	4.9	2.6	3.1	41	65	98.9	0.0
e. Unspecified	3	2	7	8	12	20	32	0.6	9.9	0.7	11.3	2.3	0.4	1.1	1.2	1.7	1.0	1.2	15	24	96.9	0.0
X GERM CELL TUMOURS	27	11	19	28	173	85	258	2.6	100.0	5.4	100.0	21.1	2.1	2.9	4.1	24.9	4.4	9.0	65	189	98.1	0.0
a. CNS germ cell ‡	1	1	16	10	16	28	44	0.9	32.9	0.9	17.1	0.8	0.2	2.4	1.5	2.3	1.3	1.6	21	33	90.9	0.0
b. Other extragonadal	23	4	2	2	15	31	46	1.0	36.5	1.0	17.8	18.0	0.8	0.3	0.3	2.2	1.8	1.9	24	35	97.8	0.0
c. Gonadal germ cell	3	6	0	13	134	22	156	0.7	25.9	3.3	60.5	2.3	1.2	-	1.9	19.3	1.1	5.2	17	113	100.0	0.0
d. Gonadal carcinoma	0	0	1	1	6	2	8	0.1	2.4	0.2	3.1	-	-	0.2	0.1	0.9	0.1	0.3	2	6	100.0	0.0
e. Unspecified gonadal	0	0	0	2	2	2	4	0.1	2.4	0.1	1.6	-	-	-	0.3	0.3	0.1	0.1	1	3	100.0	0.0
XI CARCINOMA & MELANOMA	3	9	30	74	304	116	420	3.6	100.0	8.8	100.0	2.3	1.8	4.6	11.0	43.8	5.4	14.0	87	306	100.0	0.0
a. Adrenocortical	1	4	0	1	4	6	10	0.2	5.2	0.2	2.4	0.8	0.8	-	0.1	0.6	0.3	0.4	5	8	100.0	0.0
b. Thyroid	0	2	11	35	124	48	172	1.5	41.4	3.6	41.0	-	0.4	1.7	5.2	17.9	2.2	5.7	36	125	100.0	0.0
c. Nasopharyngeal	0	0	1	1	10	2	12	0.1	1.7	0.3	2.9	-	-	0.2	0.1	1.4	0.1	0.4	2	9	100.0	0.0
d. Melanoma	2	2	10	11	97	25	122	0.8	21.6	2.6	29.0	1.6	0.4	1.5	1.6	14.0	1.2	4.1	19	89	100.0	0.0
e. Skin carcinoma	0	0	0	0	2	0	2	-	-	0.0	0.5	-	-	-	-	0.3	-	0.1	-	1	100.0	0.0
f. Other & unspecified	0	1	8	26	67	35	102	1.1	30.2	2.1	24.3	-	0.2	1.2	3.8	9.6	1.6	3.4	26	74	100.0	0.0
XII OTHER & UNSPECIFIED	1	4	5	2	2	12	14	0.4	100.0	0.3	100.0	0.8	0.8	0.8	0.3	0.3	0.6	0.6	9	11	100.0	0.0
a. Other specified	1	4	3	2	2	10	12	0.3	83.3	0.3	85.7	0.8	0.8	0.5	0.3	0.3	0.5	0.5	8	9	100.0	0.0
b. Other unspecified	0	0	2	0	0	2	2	0.1	16.7	0.0	14.3	-	-	0.3	-	-	0.1	0.1	2	2	100.0	0.0
TOTAL	348	1169	820	878	1542	3215	4757	100.0	100.0	100.0	100.0	272.2	227.5	124.7	129.9	222.0	169.5	181.3	2455	3565	93.0	0.2

† includes 228 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

USA, Indiana (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	35	241	142	81	138	499	637	53.0	49.8	1.1	1.3	38	183	125	90	73	436	509	47.8	41.9				
a. Lymphoid	15	213	120	54	68	402	470	42.9	37.6	1.2	1.2	21	152	106	69	29	348	377	38.1	31.5				
b. Acute myeloid	11	22	15	15	47	63	110	6.6	8.1	0.9	1.1	12	28	15	15	30	70	100	7.8	8.0				
c. CMD	1	0	3	3	12	7	19	0.7	1.3	1.2	1.3	1	0	1	4	9	6	15	0.6	1.0				
d. MDS & other	6	4	3	3	4	16	20	1.7	1.6	1.8	1.4	2	3	2	2	5	9	14	1.0	1.1				
e. Unspecified	2	2	1	6	7	11	18	1.1	1.3	3.7	6.0	2	0	1	0	0	3	3	0.3	0.3				
II LYMPHOMA & RELATED	4	50	52	95	191	201	392	19.3	27.0	1.5	1.3	5	20	35	74	175	134	309	13.1	21.8				
a. Hodgkin	0	6	17	42	126	65	191	5.9	12.5	1.4	1.0	0	1	7	39	135	47	182	4.3	12.3				
b. Non-Hodgkin except BL	1	25	22	34	61	82	143	8.0	10.1	1.4	1.6	2	9	19	28	32	58	90	5.7	6.6				
c. Burkitt (BL)	1	7	9	16	4	33	37	3.1	2.7	2.8	2.1	0	2	6	4	6	12	18	1.2	1.3				
d. Lymphoreticular	2	12	3	3	0	20	20	2.2	1.7	1.3	1.3	3	8	2	2	1	15	16	1.7	1.4				
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	0.2				
III CNS NEOPLASMS †	29	142	147	121	117	439	556	44.4	41.8	1.1	1.0	32	144	98	129	146	403	549	42.9	43.0				
a. Ependymoma	2	17	13	7	4	39	43	4.1	3.4	1.0	0.9	10	21	5	5	8	41	49	4.8	4.2				
b. Astrocytoma	5	59	52	52	44	168	212	16.9	15.9	1.1	1.0	9	61	46	44	51	160	211	17.1	16.7				
c. CNS embryonal	12	40	39	18	14	109	123	11.4	9.7	1.7	1.8	8	27	13	15	7	63	70	6.9	5.9				
d. Other gliomas	2	19	27	17	17	65	82	6.5	6.1	1.0	1.0	2	25	20	21	18	68	86	7.2	6.8				
e. Other specified	6	7	12	25	35	50	85	4.8	5.9	0.8	0.7	1	7	12	42	55	62	117	5.9	8.2				
f. Unspecified CNS	2	0	4	2	3	8	11	0.8	0.8	0.9	0.7	2	3	2	2	7	9	16	1.0	1.2				
IV NEUROBLASTOMA	53	69	14	6	5	142	147	16.2	12.9	1.2	1.3	35	65	9	5	1	114	115	13.7	10.7				
a. (Ganglio)neuroblastoma	53	69	14	5	4	141	145	16.2	12.8	1.3	1.3	35	64	8	5	0	112	112	13.5	10.4				
b. Peripheral nervous	0	0	0	1	1	1	2	0.1	0.1	0.5	0.7	0	1	1	0	1	2	3	0.2	0.2				
V RETINOBLASTOMA	15	13	0	0	0	28	28	3.3	2.6	0.7	0.7	20	20	0	0	0	40	40	4.9	3.8				
VI RENAL TUMOURS	13	50	14	7	7	84	91	9.4	7.7	0.9	0.9	7	55	28	6	7	96	103	11.0	9.0				
a. Nephroblastoma	13	50	13	1	0	77	77	8.8	6.8	0.8	0.8	7	55	28	3	1	93	94	10.7	8.4				
b. Renal carcinoma	0	0	1	6	7	7	14	0.6	0.9	2.3	1.6	0	0	0	3	6	3	9	0.3	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	6	16	2	7	0	31	31	3.4	2.6	1.4	1.2	4	14	1	3	4	22	26	2.6	2.3				
a. Hepatoblastoma	6	16	1	1	0	24	24	2.8	2.2	1.3	1.2	4	13	1	1	1	19	20	2.3	1.8				
b. Hepatic carcinoma	0	0	1	6	0	7	7	0.6	0.5	2.3	1.2	0	1	0	2	3	3	6	0.3	0.4				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	2	23	42	75	67	142	6.0	9.4	1.0	1.3	0	5	21	38	43	64	107	6.1	7.6				
a. Osteosarcoma	0	1	16	22	42	39	81	3.5	5.4	1.1	1.6	0	0	12	24	15	36	51	3.3	3.6				
b. Chondrosarcoma	0	0	0	1	4	1	5	0.1	0.3	1.0	1.0	0	0	0	1	4	1	5	0.1	0.3				
c. Ewing & related	0	1	7	16	27	24	51	2.1	3.4	1.0	1.1	0	5	7	12	21	24	45	2.4	3.2				
d. Other specified	0	0	0	2	0	2	2	0.2	0.1	0.7	0.3	0	0	2	1	3	3	6	0.3	0.4				
e. Unspecified	0	0	0	1	2	1	3	0.1	0.2	-	-	0	0	0	0	0	0	0	-	-				
IX SOFT TISSUE SARCOMA	11	32	29	41	37	113	150	11.3	11.1	1.3	1.1	10	24	26	29	44	89	133	9.4	10.2				
a. Rhabdomyosarcoma	3	30	13	17	13	63	76	6.6	5.9	1.5	1.6	2	19	12	8	6	41	47	4.5	3.9				
b. Fibrosarcoma	2	0	2	6	3	10	13	0.9	0.9	0.7	0.5	4	2	5	3	13	14	27	1.5	2.0				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	4	1	11	15	18	31	49	2.9	3.4	1.3	1.3	3	2	5	13	16	23	39	2.3	2.8				
e. Unspecified	2	1	3	3	3	9	12	0.9	0.9	0.8	0.6	1	1	4	5	9	11	20	1.1	1.4				
X GERM CELL TUMOURS	10	5	6	10	125	31	156	3.2	10.4	0.6	1.5	17	6	13	18	48	54	102	5.7	7.6				
a. CNS germ cell ‡	1	0	5	7	14	13	27	1.2	1.8	0.9	1.6	0	1	11	3	2	15	17	1.5	1.3				
b. Other extragonadal	6	1	1	2	8	10	18	1.1	1.3	0.5	0.6	17	3	1	0	7	21	28	2.6	2.5				
c. Gonadal germ cell	3	4	0	1	103	8	111	0.9	7.2	0.6	2.5	0	2	0	12	31	14	45	1.3	3.1				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	6	2	8	0.2	0.5				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	2	2	4	0.2	0.3				
XI CARCINOMA & MELANOMA	1	4	14	36	77	55	132	4.9	8.7	0.9	0.5	2	5	16	38	227	61	288	5.8	19.6				
a. Adrenocortical	1	3	0	1	0	5	5	0.6	0.4	5.0	1.0	0	1	0	0	4	1	5	0.1	0.4				
b. Thyroid	0	0	4	11	22	15	37	1.3	2.4	0.5	0.3	0	2	7	24	102	33	135	3.1	9.2				
c. Nasopharyngeal	0	0	1	1	5	2	7	0.2	0.5	-	1.4	0	0	0	0	5	0	5	-	0.3				
d. Melanoma	0	1	6	8	28	15	43	1.4	2.8	1.5	0.5	2	1	4	3	69	10	79	1.0	5.4				
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1				
f. Other & unspecified	0	0	3	15	21	18	39	1.5	2.5	1.1	0.6	0	1	5	11	46	17	63	1.6	4.3				
XII OTHER & UNSPECIFIED	1	3	3	1	0	8	8	0.8	0.7	2.0	1.3	0	1	2	1	2	4	6	0.4	0.5				
a. Other specified	1	3	2	1	0	7	7	0.7	0.6	2.3	1.4	0	1	1	1	2	3	5	0.3	0.4				
b. Other unspecified	0	0	1	0	0	1	1	0.1	0.1	1.0	1.0	0	0	1	0	0	1	1	0.1	0.1				
TOTAL	178	627	446	447	772	1698	2470	175.2	184.5	1.1	1.1	170	542	374	431	770	1517	2287	163.5	177.9				

† includes 99 non-malignant in males and 129 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 (1998-2012)

	Age group	Males	Females
Person-years	0	654 126	624 139
	1-4	2 627 196	2 511 717
	5-9	3 367 118	3 206 951
	10-14	3 462 542	3 295 024
	15-19	3 564 193	3 380 622
Total	0-14	10 110 982	9 637 831
	0-19	13 675 175	13 018 453
Average annual population	0-14	674 065	642 522
	0-19	911 678	867 897

Please consult the quality indicators for this registry