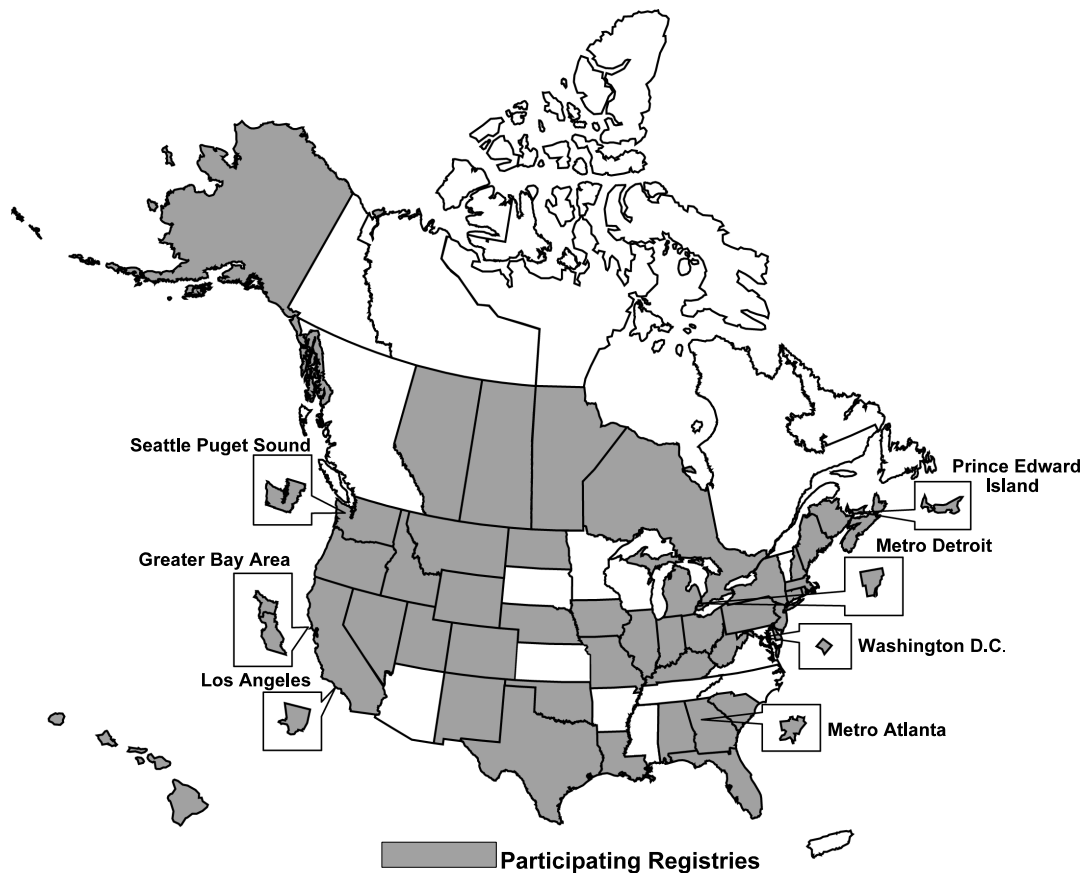




Section III

Average-annual Age-adjusted NAACCR Combined Pediatric Cancer Incidence Rates for the United States, Canada and North America



Pediatric Cancer Incidence 2000-2004

Seattle Puget Sound

**Prince Edward
Island**

Greater Bay Area

Metro Detroit

Los Angeles

Washington D.C.

Metro Atlanta

 **Participating Registries**

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, All Races, Males**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	9248	225.6	2.35	5181	123.2	1.71	5732	130.1	1.72	9360	218.0	2.25
I. Leukemias	3364	82.1	1.41	1689	40.2	0.98	1312	29.8	0.82	1475	34.4	0.89
I(a). Lymphoid leukemias	2716	66.2	1.27	1417	33.7	0.90	894	20.3	0.68	912	21.2	0.70
I(b). Acute myeloid leukemias	474	11.6	0.53	209	5.0	0.34	319	7.2	0.41	407	9.5	0.47
II. Lymphomas & reticuloendothelial neoplasms	452	11.0	0.52	837	19.9	0.69	1248	28.3	0.80	2232	52.0	1.10
II(a). Hodgkin lymphomas	51	1.2	0.17	238	5.7	0.37	561	12.7	0.54	1295	30.2	0.84
II(b, c, e). Non-Hodgkin lymphomas	291	7.1	0.42	581	13.8	0.57	675	15.3	0.59	933	21.7	0.71
III. CNS & misc. intracranial & intraspinal neoplasms	1676	40.9	1.00	1523	36.2	0.93	1164	26.4	0.77	970	22.6	0.73
III(a). Ependymomas and choroids plexus tumor	219	5.3	0.36	95	2.3	0.23	75	1.7	0.20	58	1.4	0.18
III(b). Astrocytomas	715	17.4	0.65	696	16.6	0.63	613	13.9	0.56	525	12.2	0.53
III(c). Intracranial and intraspinal embryonal tumors	489	11.9	0.54	428	10.2	0.49	226	5.1	0.34	174	4.1	0.31
III(d). Other gliomas	188	4.6	0.33	262	6.2	0.39	211	4.8	0.33	171	4.0	0.30
IV. Neuroblastoma and other peripheral nervous cell tumors	1202	29.3	0.85	139	3.3	0.28	51	1.2	0.16	35	0.8	0.14
IV(a). Neuroblastoma & ganglioneuroblastoma	1196	29.2	0.84	138	3.3	0.28	47	1.1	0.16	15	0.3	0.09
V. Retinoblastoma	532	13.0	0.56	20	0.5	0.11	-	-	-	-	-	-
VI. Renal Tumors	755	18.4	0.67	177	4.2	0.32	52	1.2	0.16	55	1.3	0.17
VI(a). Nephroblastoma and other nonepithelial renal tumors	746	18.2	0.67	166	3.9	0.31	22	0.5	0.11	7	0.2	0.06
VII. Hepatic tumors	257	6.3	0.39	26	0.6	0.12	40	0.9	0.14	55	1.3	0.17
VII(a). Hepatoblastoma	248	6.0	0.38	14	0.3	0.09	11	0.2	0.08	-	-	-
VIII. Malignant bone tumors	53	1.3	0.18	214	5.1	0.35	596	13.5	0.55	794	18.5	0.66
VIII(a). Osteosarcomas	13	0.3	0.09	115	2.7	0.26	337	7.6	0.42	478	11.1	0.51
VIII(c). Ewing tumor and related sarcomas of bone	31	0.8	0.14	82	2.0	0.22	206	4.7	0.33	220	5.1	0.35
IX. Soft tissue and other extrasosseous sarcomas	551	13.4	0.57	352	8.4	0.45	539	12.2	0.53	731	17.0	0.63
IX(a). Rhabdomyosarcomas	348	8.5	0.46	207	4.9	0.34	164	3.7	0.29	195	4.5	0.33
X. Germ cell & trophoblastic tumors & neoplasms of gonads	276	6.7	0.41	54	1.3	0.17	256	5.8	0.36	1647	38.4	0.95
X(a). Intracranial & intraspinal germ cell tumors	25	0.6	0.12	41	1.0	0.15	165	3.7	0.29	171	4.0	0.30
X(c). Malignant gonadal germ cell tumors	141	3.4	0.29	6	0.1	0.06	73	1.7	0.19	1381	32.2	0.87
XI. Other malignant epithelial neoplasms and melanomas	90	2.2	0.23	139	3.3	0.28	453	10.3	0.48	1329	31.0	0.85
XI(b). Thyroid carcinomas	6	0.1	0.06	34	0.8	0.14	103	2.3	0.23	232	5.4	0.35
XI(d). Malignant melanomas	57	1.4	0.18	55	1.3	0.18	170	3.9	0.30	599	14.0	0.57
XII. Other & unspecified malignant neoplasms	40	1.0	0.15	11	0.3	0.08	17	0.4	0.09	35	0.8	0.14

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.
² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, All Races, Females**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	7878	201.1	2.27	4209	105.0	1.62	5152	122.8	1.71	7992	196.9	2.20
I. Leukemias	2753	70.3	1.34	1442	36.0	0.95	1014	24.2	0.76	885	21.8	0.73
I(a). Lymphoid leukemias	2235	57.0	1.21	1201	30.0	0.86	690	16.4	0.63	435	10.7	0.51
I(b). Acute myeloid leukemias	399	10.2	0.51	174	4.3	0.33	253	6.0	0.38	346	8.5	0.46
II. Lymphomas & reticuloendothelial neoplasms	284	7.2	0.43	326	8.1	0.45	810	19.3	0.68	1856	45.7	1.06
II(a). Hodgkin lymphomas	20	0.5	0.11	87	2.2	0.23	453	10.8	0.51	1359	33.5	0.91
II(b, c, e). Non-Hodgkin lymphomas	159	4.1	0.32	228	5.7	0.38	348	8.3	0.44	490	12.1	0.55
III. CNS & misc. intracranial & intraspinal neoplasms	1452	37.1	0.97	1224	30.5	0.87	1022	24.4	0.76	806	19.9	0.70
III(a). Ependymomas and choroids plexus tumor	178	4.5	0.34	71	1.8	0.21	71	1.7	0.20	63	1.6	0.20
III(b). Astrocytomas	682	17.4	0.67	622	15.5	0.62	557	13.3	0.56	446	11.0	0.52
III(c). Intracranial and intraspinal embryonal tumors	353	9.0	0.48	220	5.5	0.37	147	3.5	0.29	112	2.8	0.26
III(d). Other gliomas	175	4.5	0.34	278	6.9	0.42	205	4.9	0.34	152	3.7	0.30
IV. Neuroblastoma and other peripheral nervous cell tumors	1090	27.8	0.84	137	3.4	0.29	61	1.5	0.19	24	0.6	0.12
IV(a). Neuroblastoma & ganglioneuroblastoma	1087	27.7	0.84	133	3.3	0.29	49	1.2	0.17	16	0.4	0.10
V. Retinoblastoma	450	11.5	0.54	14	0.3	0.09	-	-	-	-	-	-
VI. Renal Tumors	774	19.8	0.71	242	6.0	0.39	61	1.5	0.19	51	1.3	0.18
VI(a). Nephroblastoma and other nonepithelial renal tumors	767	19.6	0.71	232	5.8	0.38	39	0.9	0.15	8	0.2	0.07
VII. Hepatic tumors	207	5.3	0.37	20	0.5	0.11	23	0.5	0.11	39	1.0	0.15
VII(a). Hepatoblastoma	196	5.0	0.36	8	0.2	0.07	-	-	-	-	-	-
VIII. Malignant bone tumors	54	1.4	0.19	211	5.3	0.36	573	13.7	0.57	457	11.3	0.53
VIII(a). Osteosarcomas	14	0.4	0.10	116	2.9	0.27	367	8.7	0.46	245	6.0	0.39
VIII(c). Ewing tumor and related sarcomas of bone	35	0.9	0.15	85	2.1	0.23	166	4.0	0.31	139	3.4	0.29
IX. Soft tissue and other extrasosseous sarcomas	432	11.0	0.53	283	7.1	0.42	483	11.5	0.52	584	14.4	0.60
IX(a). Rhabdomyosarcomas	265	6.8	0.42	139	3.5	0.29	147	3.5	0.29	119	2.9	0.27
X. Germ cell & trophoblastic tumors & neoplasms of gonads	239	6.1	0.39	133	3.3	0.29	364	8.7	0.45	608	15.0	0.61
X(a). Intracranial & intraspinal germ cell tumors	21	0.5	0.12	43	1.1	0.16	58	1.4	0.18	29	0.7	0.13
X(c). Malignant gonadal germ cell tumors	15	0.4	0.10	81	2.0	0.22	252	6.0	0.38	363	8.9	0.47
XI. Other malignant epithelial neoplasms and melanomas	99	2.5	0.25	166	4.1	0.32	709	16.9	0.63	2623	64.6	1.26
XI(b). Thyroid carcinomas	12	0.3	0.09	55	1.4	0.19	330	7.9	0.43	1225	30.2	0.86
XI(d). Malignant melanomas	39	1.0	0.16	57	1.4	0.19	161	3.8	0.30	835	20.6	0.71
XII. Other & unspecified malignant neoplasms	44	1.1	0.17	11	0.3	0.08	29	0.7	0.13	58	1.4	0.19

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, Whites, Males**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	7635	237.1	2.71	4280	130.0	1.99	4636	134.2	1.97	7929	233.1	2.62
I. Leukemias	2880	89.4	1.67	1430	43.4	1.15	1052	30.5	0.94	1258	37.0	1.04
I(a). Lymphoid leukemias	2374	73.7	1.51	1209	36.7	1.06	742	21.5	0.79	805	23.7	0.83
I(b). Acute myeloid leukemias	374	11.6	0.60	170	5.2	0.40	237	6.9	0.45	333	9.8	0.54
II. Lymphomas & reticuloendothelial neoplasms	379	11.8	0.60	677	20.6	0.79	977	28.3	0.90	1859	54.7	1.27
II(a). Hodgkin lymphomas	43	1.3	0.20	186	5.6	0.41	443	12.8	0.61	1104	32.5	0.98
II(b, c, e). Non-Hodgkin lymphomas	255	7.9	0.50	476	14.5	0.66	522	15.1	0.66	752	22.1	0.81
III. CNS & misc. intracranial & intraspinal neoplasms	1371	42.6	1.15	1274	38.7	1.08	987	28.6	0.91	839	24.7	0.85
III(a). Ependymomas and choroids plexus tumor	184	5.7	0.42	84	2.6	0.28	63	1.8	0.23	46	1.4	0.20
III(b). Astrocytomas	595	18.5	0.76	580	17.6	0.73	510	14.8	0.65	445	13.1	0.62
III(c). Intracranial and intraspinal embryonal tumors	397	12.3	0.62	374	11.4	0.59	203	5.9	0.41	156	4.6	0.37
III(d). Other gliomas	145	4.5	0.37	208	6.3	0.44	182	5.3	0.39	153	4.5	0.36
IV. Neuroblastoma and other peripheral nervous cell tumors	990	30.7	0.98	115	3.5	0.33	39	1.1	0.18	27	0.8	0.15
IV(a). Neuroblastoma & ganglioneuroblastoma	986	30.6	0.98	114	3.5	0.32	35	1.0	0.17	14	0.4	0.11
V. Retinoblastoma	386	12.0	0.61	15	0.5	0.12	-	-	-	-	-	-
VI. Renal Tumors	585	18.2	0.75	140	4.3	0.36	33	1.0	0.17	34	1.0	0.17
VI(a). Nephroblastoma and other nonepithelial renal tumors	578	17.9	0.75	133	4.0	0.35	14	0.4	0.11	6	0.2	0.07
VII. Hepatic tumors	203	6.3	0.44	20	0.6	0.14	31	0.9	0.16	35	1.0	0.17
VII(a). Hepatoblastoma	196	6.1	0.43	12	0.4	0.11	10	0.3	0.09	-	-	-
VIII. Malignant bone tumors	39	1.2	0.19	167	5.1	0.39	496	14.4	0.64	654	19.2	0.75
VIII(a). Osteosarcomas	9	0.3	0.09	77	2.3	0.27	263	7.6	0.47	381	11.2	0.57
VIII(c). Ewing tumor and related sarcomas of bone	25	0.8	0.16	77	2.3	0.27	190	5.5	0.40	198	5.8	0.41
IX. Soft tissue and other extraosseous sarcomas	465	14.4	0.67	284	8.6	0.51	420	12.2	0.59	573	16.8	0.70
IX(a). Rhabdomyosarcomas	297	9.2	0.54	161	4.9	0.39	133	3.9	0.33	154	4.5	0.36
X. Germ cell & trophoblastic tumors & neoplasms of gonads	227	7.0	0.47	45	1.4	0.20	219	6.3	0.43	1487	43.7	1.13
X(a). Intracranial & intraspinal germ cell tumors	20	0.6	0.14	35	1.1	0.18	136	3.9	0.34	135	4.0	0.34
X(c). Malignant gonadal germ cell tumors	123	3.8	0.34	-	-	-	67	1.9	0.24	1276	37.5	1.05
XI. Other malignant epithelial neoplasms and melanomas	77	2.4	0.27	104	3.2	0.31	369	10.7	0.56	1133	33.3	0.99
XI(b). Thyroid carcinomas	-	-	-	26	0.8	0.15	94	2.7	0.28	208	6.1	0.42
XI(d). Malignant melanomas	51	1.6	0.22	45	1.4	0.20	155	4.5	0.36	555	16.3	0.69
XII. Other & unspecified malignant neoplasms	33	1.0	0.18	9	0.3	0.09	11	0.3	0.10	30	0.9	0.16

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.
² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, Whites, Females**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	6494	211.6	2.63	3407	108.9	1.87	4132	126.1	1.96	6642	207.6	2.55
I. Leukemias	2334	76.1	1.57	1186	37.9	1.10	829	25.3	0.88	711	22.2	0.83
I(a). Lymphoid leukemias	1911	62.3	1.42	1004	32.1	1.01	571	17.4	0.73	353	11.0	0.59
I(b). Acute myeloid leukemias	324	10.6	0.59	134	4.3	0.37	201	6.1	0.43	271	8.5	0.51
II. Lymphomas & reticuloendothelial neoplasms	238	7.8	0.50	260	8.3	0.52	649	19.8	0.78	1541	48.2	1.23
II(a). Hodgkin lymphomas	17	0.6	0.13	72	2.3	0.27	375	11.4	0.59	1160	36.3	1.06
II(b, c, e). Non-Hodgkin lymphomas	134	4.4	0.38	179	5.7	0.43	266	8.1	0.50	375	11.7	0.61
III. CNS & misc. intracranial & intraspinal neoplasms	1197	39.0	1.13	1004	32.1	1.01	829	25.3	0.88	677	21.2	0.81
III(a). Ependymomas and choroids plexus tumor	139	4.5	0.38	54	1.7	0.24	58	1.8	0.23	50	1.6	0.22
III(b). Astrocytomas	572	18.6	0.78	518	16.6	0.73	462	14.1	0.66	377	11.8	0.61
III(c). Intracranial and intraspinal embryonal tumors	296	9.6	0.56	189	6.0	0.44	120	3.7	0.33	90	2.8	0.30
III(d). Other gliomas	142	4.6	0.39	220	7.0	0.47	165	5.0	0.39	132	4.1	0.36
IV. Neuroblastoma and other peripheral nervous cell tumors	914	29.8	0.99	107	3.4	0.33	50	1.5	0.22	15	0.5	0.12
IV(a). Neuroblastoma & ganglioneuroblastoma	912	29.7	0.98	104	3.3	0.33	40	1.2	0.19	9	0.3	0.09
V. Retinoblastoma	339	11.0	0.60	13	0.4	0.12	-	-	-	-	-	-
VI. Renal Tumors	603	19.7	0.80	178	5.7	0.43	45	1.4	0.20	45	1.4	0.21
VI(a). Nephroblastoma and other nonepithelial renal tumors	598	19.5	0.80	171	5.5	0.42	29	0.9	0.16	8	0.3	0.09
VII. Hepatic tumors	171	5.6	0.43	13	0.4	0.12	19	0.6	0.13	34	1.1	0.18
VII(a). Hepatoblastoma	164	5.3	0.42	7	0.2	0.08	-	-	-	-	-	-
VIII. Malignant bone tumors	49	1.6	0.23	168	5.4	0.41	464	14.2	0.66	376	11.8	0.61
VIII(a). Osteosarcomas	11	0.4	0.11	81	2.6	0.29	281	8.6	0.51	188	5.9	0.43
VIII(c). Ewing tumor and related sarcomas of bone	33	1.1	0.19	78	2.5	0.28	150	4.6	0.37	130	4.1	0.36
IX. Soft tissue and other extrasosseous sarcomas	345	11.2	0.61	227	7.3	0.48	359	11.0	0.58	462	14.4	0.67
IX(a). Rhabdomyosarcomas	211	6.9	0.47	114	3.6	0.34	108	3.3	0.32	91	2.8	0.30
X. Germ cell & trophoblastic tumors & neoplasms of gonads	183	6.0	0.44	108	3.5	0.33	283	8.6	0.51	466	14.6	0.67
X(a). Intracranial & intraspinal germ cell tumors	17	0.6	0.13	36	1.2	0.19	47	1.4	0.21	21	0.7	0.14
X(c). Malignant gonadal germ cell tumors	7	0.2	0.09	65	2.1	0.26	193	5.9	0.42	293	9.2	0.54
XI. Other malignant epithelial neoplasms and melanomas	85	2.8	0.30	134	4.3	0.37	582	17.8	0.74	2271	71.0	1.49
XI(b). Thyroid carcinomas	12	0.4	0.11	44	1.4	0.21	282	8.6	0.51	1090	34.1	1.03
XI(d). Malignant melanomas	37	1.2	0.20	50	1.6	0.23	146	4.5	0.37	758	23.7	0.86
XII. Other & unspecified malignant neoplasms	36	1.2	0.20	9	0.3	0.10	22	0.7	0.14	43	1.3	0.21

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, Blacks, Males**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	939	148.8	4.86	581	88.4	3.67	722	104.3	3.88	890	141.3	4.74
I. Leukemias	227	36.0	2.39	141	21.4	1.81	167	24.1	1.87	142	22.5	1.89
I(a). Lymphoid leukemias	153	24.2	1.96	112	17.0	1.61	97	14.0	1.42	65	10.3	1.28
I(b). Acute myeloid leukemias	56	8.9	1.19	22	3.3	0.71	52	7.5	1.04	55	8.7	1.18
II. Lymphomas & reticuloendothelial neoplasms	34	5.4	0.92	111	16.9	1.60	184	26.6	1.96	246	39.1	2.49
II(a). Hodgkin lymphomas	-	-	-	40	6.1	0.96	82	11.8	1.31	125	19.8	1.77
II(b, c, e). Non-Hodgkin lymphomas	16	2.5	0.63	70	10.6	1.27	102	14.7	1.46	121	19.2	1.75
III. CNS & misc. intracranial & intraspinal neoplasms	198	31.4	2.23	177	26.9	2.02	124	17.9	1.61	92	14.6	1.52
III(a). Ependymomas and choroids plexus tumor	19	3.0	0.69	8	1.2	0.43	8	1.2	0.41	9	1.4	0.48
III(b). Astrocytomas	72	11.4	1.34	87	13.2	1.42	72	10.4	1.23	57	9.0	1.20
III(c). Intracranial and intraspinal embryonal tumors	63	10.0	1.26	33	5.0	0.87	17	2.5	0.60	12	1.9	0.55
III(d). Other gliomas	30	4.8	0.87	37	5.6	0.93	18	2.6	0.61	12	1.9	0.55
IV. Neuroblastoma and other peripheral nervous cell tumors	144	22.8	1.90	20	3.0	0.68	12	1.7	0.50	-	-	-
IV(a). Neuroblastoma & ganglioneuroblastoma	143	22.7	1.89	20	3.0	0.68	12	1.7	0.50	-	-	-
V. Retinoblastoma	95	15.1	1.54	-	-	-	-	-	-	-	-	-
VI. Renal Tumors	122	19.3	1.75	28	4.3	0.80	17	2.5	0.60	18	2.9	0.67
VI(a). Nephroblastoma and other nonepithelial renal tumors	120	19.0	1.74	24	3.7	0.75	7	1.0	0.38	-	-	-
VII. Hepatic tumors	24	3.8	0.78	-	-	-	6	0.9	0.35	13	2.1	0.57
VII(a). Hepatoblastoma	24	3.8	0.78	-	-	-	-	-	-	-	-	-
VIII. Malignant bone tumors	9	1.4	0.48	29	4.4	0.82	54	7.8	1.06	100	15.9	1.59
VIII(a). Osteosarcomas	-	-	-	25	3.8	0.76	44	6.4	0.96	74	11.7	1.37
VIII(c). Ewing tumor and related sarcomas of bone	-	-	-	-	-	-	7	1.0	0.38	11	1.7	0.53
IX. Soft tissue and other extrasosseous sarcomas	53	8.4	1.15	47	7.1	1.04	86	12.4	1.34	108	17.1	1.65
IX(a). Rhabdomyosarcomas	32	5.1	0.90	36	5.5	0.91	24	3.5	0.71	26	4.1	0.81
X. Germ cell & trophoblastic tumors & neoplasms of gonads	25	4.0	0.79	-	-	-	8	1.2	0.41	59	9.4	1.22
X(a). Intracranial & intraspinal germ cell tumors	-	-	-	-	-	-	-	-	-	17	2.7	0.65
X(c). Malignant gonadal germ cell tumors	6	1.0	0.39	-	-	-	-	-	-	35	5.6	0.94
XI. Other malignant epithelial neoplasms and melanomas	-	-	-	18	2.7	0.65	58	8.4	1.10	103	16.4	1.61
XI(b). Thyroid carcinomas	-	-	-	-	-	-	6	0.9	0.35	14	2.2	0.59
XI(d). Malignant melanomas	-	-	-	-	-	-	-	-	-	-	-	-
XII. Other & unspecified malignant neoplasms	-	-	-	-	-	-	-	-	-	-	-	-

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.
² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, Blacks, Females**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	855	140.1	4.79	517	81.3	3.58	705	105.1	3.96	807	132.0	4.65
I. Leukemias	205	33.6	2.35	135	21.2	1.83	122	18.2	1.65	115	18.8	1.75
I(a). Lymphoid leukemias	144	23.6	1.97	100	15.7	1.57	74	11.0	1.28	49	8.0	1.15
I(b). Acute myeloid leukemias	51	8.4	1.17	25	3.9	0.79	37	5.5	0.91	52	8.5	1.18
II. Lymphomas & reticuloendothelial neoplasms	27	4.4	0.85	51	8.0	1.12	109	16.2	1.56	218	35.7	2.42
II(a). Hodgkin lymphomas	-	-	-	14	2.2	0.59	54	8.1	1.10	141	23.1	1.94
II(b, c, e). Non-Hodgkin lymphomas	18	2.9	0.70	35	5.5	0.93	55	8.2	1.11	76	12.4	1.43
III. CNS & misc. intracranial & intraspinal neoplasms	174	28.5	2.16	148	23.3	1.91	138	20.6	1.75	78	12.8	1.44
III(a). Ependymomas and choroids plexus tumor	31	5.1	0.91	12	1.9	0.55	8	1.2	0.42	10	1.6	0.52
III(b). Astrocytomas	69	11.3	1.36	70	11.0	1.32	68	10.1	1.23	40	6.5	1.03
III(c). Intracranial and intraspinal embryonal tumors	39	6.4	1.02	24	3.8	0.77	20	3.0	0.67	13	2.1	0.59
III(d). Other gliomas	24	3.9	0.80	34	5.3	0.92	26	3.9	0.76	11	1.8	0.54
IV. Neuroblastoma and other peripheral nervous cell tumors	109	17.9	1.71	20	3.1	0.70	10	1.5	0.47	-	-	-
IV(a). Neuroblastoma & ganglioneuroblastoma	108	17.7	1.70	19	3.0	0.69	9	1.3	0.45	-	-	-
V. Retinoblastoma	75	12.3	1.42	-	-	-	-	-	-	-	-	-
VI. Renal Tumors	126	20.6	1.84	54	8.5	1.16	15	2.2	0.58	-	-	-
VI(a). Nephroblastoma and other nonepithelial renal tumors	124	20.3	1.82	51	8.0	1.12	10	1.5	0.47	-	-	-
VII. Hepatic tumors	18	2.9	0.70	-	-	-	-	-	-	-	-	-
VII(a). Hepatoblastoma	17	2.8	0.68	-	-	-	-	-	-	-	-	-
VIII. Malignant bone tumors	-	-	-	33	5.2	0.90	78	11.6	1.32	51	8.3	1.17
VIII(a). Osteosarcomas	-	-	-	29	4.6	0.85	68	10.1	1.23	38	6.2	1.01
VIII(c). Ewing tumor and related sarcomas of bone	-	-	-	-	-	-	7	1.0	0.39	-	-	-
IX. Soft tissue and other extrasosseous sarcomas	69	11.3	1.36	39	6.1	0.98	102	15.2	1.51	91	14.9	1.56
IX(a). Rhabdomyosarcomas	44	7.2	1.09	18	2.8	0.67	30	4.5	0.82	24	3.9	0.80
X. Germ cell & trophoblastic tumors & neoplasms of gonads	39	6.4	1.02	14	2.2	0.59	54	8.1	1.10	94	15.4	1.59
X(a). Intracranial & intraspinal germ cell tumors	-	-	-	-	-	-	-	-	-	-	-	-
X(c). Malignant gonadal germ cell tumors	8	1.3	0.46	11	1.7	0.52	42	6.3	0.97	44	7.2	1.09
XI. Other malignant epithelial neoplasms and melanomas	6	1.0	0.40	16	2.5	0.63	71	10.6	1.26	138	22.6	1.92
XI(b). Thyroid carcinomas	-	-	-	-	-	-	22	3.3	0.70	38	6.2	1.01
XI(d). Malignant melanomas	-	-	-	-	-	-	-	-	-	7	1.1	0.43
XII. Other & unspecified malignant neoplasms	-	-	-	-	-	-	-	-	-	7	1.1	0.43

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.
² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-14)
United States (NAACCR Combined²), 2000-2004, All Races, Males**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	20161	158.5	1.12	159.0	1.12	164.8	1.17		
I. Leukemias	6365	50.2	0.63	50.7	0.64	53.4	0.68		
I(a). Lymphoid leukemias	5027	39.7	0.56	40.2	0.57	42.5	0.61		
I(b). Acute myeloid leukemias	1002	7.9	0.25	7.9	0.25	8.2	0.26		
II. Lymphomas & reticuloendothelial neoplasms	2537	19.9	0.40	19.8	0.39	18.9	0.38		
II(a). Hodgkin lymphomas	850	6.6	0.23	6.6	0.23	6.0	0.21		
II(b, c, e). Non-Hodgkin lymphomas	1547	12.2	0.31	12.1	0.31	11.7	0.30		
III. CNS & misc. intracranial & intraspinal neoplasms	4363	34.4	0.52	34.5	0.52	35.2	0.54		
III(a). Ependymomas and choroids plexus tumor	389	3.1	0.16	3.1	0.16	3.3	0.17		
III(b). Astrocytomas	2024	15.9	0.35	16.0	0.36	16.1	0.36		
III(c). Intracranial and intraspinal embryonal tumors	1143	9.0	0.27	9.1	0.27	9.4	0.28		
III(d). Other gliomas	661	5.2	0.20	5.2	0.20	5.2	0.20		
IV. Neuroblastoma and other peripheral nervous cell tumors	1392	10.9	0.29	10.9	0.29	12.7	0.34		
IV(a). Neuroblastoma & ganglioneuroblastoma	1381	10.8	0.29	10.8	0.29	12.6	0.34		
V. Retinoblastoma	556	4.3	0.18	4.3	0.18	5.2	0.22		
VI. Renal Tumors	984	7.8	0.25	7.9	0.25	8.8	0.28		
VI(a). Nephroblastoma and other nonepithelial renal tumors	934	7.4	0.24	7.5	0.24	8.5	0.28		
VII. Hepatic tumors	323	2.5	0.14	2.5	0.14	2.9	0.16		
VII(a). Hepatoblastoma	273	2.1	0.13	2.1	0.13	2.5	0.15		
VIII. Malignant bone tumors	863	6.7	0.23	6.7	0.23	6.1	0.21		
VIII(a). Osteosarcomas	465	3.6	0.17	3.6	0.17	3.2	0.15		
VIII(c). Ewing tumor and related sarcomas of bone	319	2.5	0.14	2.5	0.14	2.3	0.13		
IX. Soft tissue and other extrasosseous sarcomas	1442	11.3	0.30	11.3	0.30	11.4	0.31		
IX(a). Rhabdomyosarcomas	719	5.7	0.21	5.7	0.21	6.0	0.22		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	586	4.6	0.19	4.5	0.19	4.7	0.20		
X(a). Intracranial & intraspinal germ cell tumors	231	1.8	0.12	1.8	0.12	1.6	0.11		
X(c). Malignant gonadal germ cell tumors	220	1.7	0.12	1.7	0.11	1.8	0.13		
XI. Other malignant epithelial neoplasms and melanomas	682	5.3	0.20	5.3	0.20	4.9	0.19		
XI(b). Thyroid carcinomas	143	1.1	0.09	1.1	0.09	1.0	0.08		
XI(d). Malignant melanomas	282	2.2	0.13	2.2	0.13	2.1	0.13		
XII. Other & unspecified malignant neoplasms	68	0.5	0.06	0.5	0.06	0.6	0.07		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-14)
United States (NAACCR Combined²), 2000-2004, All Races, Females**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	17239	141.9	1.08	142.3	1.08	147.3	1.13		
I. Leukemias	5209	43.0	0.60	43.5	0.60	45.9	0.64		
I(a). Lymphoid leukemias	4126	34.1	0.53	34.6	0.54	36.6	0.57		
I(b). Acute myeloid leukemias	826	6.8	0.24	6.8	0.24	7.1	0.25		
II. Lymphomas & reticuloendothelial neoplasms	1420	11.6	0.31	11.6	0.31	11.0	0.30		
II(a). Hodgkin lymphomas	560	4.6	0.19	4.5	0.19	4.0	0.17		
II(b, c, e). Non-Hodgkin lymphomas	735	6.1	0.22	6.0	0.22	5.8	0.22		
III. CNS & misc. intracranial & intraspinal neoplasms	3698	30.5	0.50	30.6	0.50	31.3	0.52		
III(a). Ependymomas and choroids plexus tumor	320	2.6	0.15	2.7	0.15	2.8	0.16		
III(b). Astrocytomas	1861	15.4	0.36	15.4	0.36	15.6	0.37		
III(c). Intracranial and intraspinal embryonal tumors	720	5.9	0.22	6.0	0.22	6.3	0.24		
III(d). Other gliomas	658	5.4	0.21	5.5	0.21	5.4	0.21		
IV. Neuroblastoma and other peripheral nervous cell tumors	1288	10.6	0.29	10.6	0.29	12.2	0.34		
IV(a). Neuroblastoma & ganglioneuroblastoma	1269	10.4	0.29	10.4	0.29	12.1	0.34		
V. Retinoblastoma	467	3.8	0.18	3.8	0.18	4.6	0.21		
VI. Renal Tumors	1077	8.9	0.27	9.0	0.28	10.0	0.31		
VI(a). Nephroblastoma and other nonepithelial renal tumors	1038	8.6	0.27	8.7	0.27	9.7	0.30		
VII. Hepatic tumors	250	2.0	0.13	2.0	0.13	2.4	0.15		
VII(a). Hepatoblastoma	208	1.7	0.12	1.7	0.12	2.0	0.14		
VIII. Malignant bone tumors	838	6.9	0.24	6.8	0.24	6.2	0.22		
VIII(a). Osteosarcomas	497	4.1	0.18	4.0	0.18	3.6	0.16		
VIII(c). Ewing tumor and related sarcomas of bone	286	2.4	0.14	2.3	0.14	2.2	0.13		
IX. Soft tissue and other extraosseous sarcomas	1198	9.8	0.28	9.8	0.28	9.9	0.29		
IX(a). Rhabdomyosarcomas	551	4.5	0.19	4.6	0.20	4.8	0.21		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	736	6.0	0.22	5.9	0.22	5.9	0.22		
X(a). Intracranial & intraspinal germ cell tumors	122	1.0	0.09	1.0	0.09	1.0	0.09		
X(c). Malignant gonadal germ cell tumors	348	2.8	0.15	2.8	0.15	2.5	0.14		
XI. Other malignant epithelial neoplasms and melanomas	974	8.0	0.26	7.9	0.25	7.2	0.23		
XI(b). Thyroid carcinomas	397	3.2	0.16	3.2	0.16	2.8	0.14		
XI(d). Malignant melanomas	257	2.1	0.13	2.1	0.13	2.0	0.12		
XII. Other & unspecified malignant neoplasms	84	0.7	0.08	0.7	0.08	0.7	0.08		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-19)
United States (NAACCR Combined²), 2000-2004, All Races, Males**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	29521	173.5	1.01	173.8	1.01	176.8	1.04		
I. Leukemias	7840	46.2	0.52	46.6	0.53	49.2	0.56		
I(a). Lymphoid leukemias	5939	35.1	0.46	35.5	0.46	37.7	0.50		
I(b). Acute myeloid leukemias	1409	8.3	0.22	8.3	0.22	8.5	0.23		
II. Lymphomas & reticuloendothelial neoplasms	4769	28.0	0.41	27.9	0.40	26.4	0.38		
II(a). Hodgkin lymphomas	2145	12.6	0.27	12.5	0.27	11.4	0.25		
II(b, c, e). Non-Hodgkin lymphomas	2480	14.6	0.29	14.6	0.29	13.9	0.28		
III. CNS & misc. intracranial & intraspinal neoplasms	5333	31.4	0.43	31.5	0.43	32.4	0.45		
III(a). Ependymomas and choroids plexus tumor	447	2.6	0.12	2.6	0.13	2.9	0.14		
III(b). Astrocytomas	2549	15.0	0.30	15.1	0.30	15.3	0.31		
III(c). Intracranial and intraspinal embryonal tumors	1317	7.8	0.21	7.8	0.22	8.2	0.23		
III(d). Other gliomas	832	4.9	0.17	4.9	0.17	4.9	0.17		
IV. Neuroblastoma and other peripheral nervous cell tumors	1427	8.4	0.22	8.4	0.22	10.0	0.27		
IV(a). Neuroblastoma & ganglioneuroblastoma	1396	8.2	0.22	8.2	0.22	9.8	0.26		
V. Retinoblastoma	558	3.3	0.14	3.3	0.14	4.0	0.17		
VI. Renal Tumors	1039	6.1	0.19	6.2	0.19	7.1	0.22		
VI(a). Nephroblastoma and other nonepithelial renal tumors	941	5.6	0.18	5.6	0.18	6.6	0.22		
VII. Hepatic tumors	378	2.2	0.11	2.2	0.11	2.5	0.13		
VII(a). Hepatoblastoma	274	1.6	0.10	1.6	0.10	2.0	0.12		
VIII. Malignant bone tumors	1657	9.7	0.24	9.6	0.24	8.9	0.22		
VIII(a). Osteosarcomas	943	5.5	0.18	5.5	0.18	5.0	0.16		
VIII(c). Ewing tumor and related sarcomas of bone	539	3.2	0.14	3.1	0.14	2.9	0.13		
IX. Soft tissue and other extrasosseous sarcomas	2173	12.7	0.27	12.7	0.27	12.7	0.28		
IX(a). Rhabdomyosarcomas	914	5.4	0.18	5.4	0.18	5.6	0.19		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	2233	13.1	0.28	13.0	0.28	12.3	0.26		
X(a). Intracranial & intraspinal germ cell tumors	402	2.3	0.12	2.3	0.12	2.2	0.11		
X(c). Malignant gonadal germ cell tumors	1601	9.4	0.23	9.4	0.23	8.7	0.22		
XI. Other malignant epithelial neoplasms and melanomas	2011	11.8	0.26	11.7	0.26	10.8	0.24		
XI(b). Thyroid carcinomas	375	2.2	0.11	2.2	0.11	2.0	0.10		
XI(d). Malignant melanomas	881	5.2	0.17	5.1	0.17	4.7	0.16		
XII. Other & unspecified malignant neoplasms	103	0.6	0.06	0.6	0.06	0.6	0.06		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-19)
United States (NAACCR Combined²), 2000-2004, All Races, Females**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	25231	155.8	0.98	156.0	0.98	158.5	1.01		
I. Leukemias	6094	37.7	0.48	38.0	0.49	40.5	0.52		
I(a). Lymphoid leukemias	4561	28.2	0.42	28.6	0.42	30.8	0.46		
I(b). Acute myeloid leukemias	1172	7.2	0.21	7.2	0.21	7.4	0.22		
II. Lymphomas & reticuloendothelial neoplasms	3276	20.2	0.35	20.2	0.35	18.8	0.33		
II(a). Hodgkin lymphomas	1919	11.8	0.27	11.8	0.27	10.7	0.24		
II(b, c, e). Non-Hodgkin lymphomas	1225	7.6	0.22	7.6	0.22	7.2	0.21		
III. CNS & misc. intracranial & intraspinal neoplasms	4504	27.9	0.42	27.9	0.42	28.7	0.43		
III(a). Ependymomas and choroids plexus tumor	383	2.4	0.12	2.4	0.12	2.5	0.13		
III(b). Astrocytomas	2307	14.3	0.30	14.3	0.30	14.6	0.31		
III(c). Intracranial and intraspinal embryonal tumors	832	5.1	0.18	5.2	0.18	5.5	0.19		
III(d). Other gliomas	810	5.0	0.18	5.0	0.18	5.0	0.18		
IV. Neuroblastoma and other peripheral nervous cell tumors	1312	8.1	0.22	8.1	0.22	9.6	0.27		
IV(a). Neuroblastoma & ganglioneuroblastoma	1285	7.9	0.22	7.9	0.22	9.5	0.26		
V. Retinoblastoma	468	2.9	0.13	2.9	0.13	3.5	0.16		
VI. Renal Tumors	1128	7.0	0.21	7.1	0.21	8.1	0.24		
VI(a). Nephroblastoma and other nonepithelial renal tumors	1046	6.5	0.20	6.6	0.20	7.6	0.24		
VII. Hepatic tumors	289	1.8	0.10	1.8	0.10	2.0	0.12		
VII(a). Hepatoblastoma	209	1.3	0.09	1.3	0.09	1.6	0.11		
VIII. Malignant bone tumors	1295	8.0	0.22	7.9	0.22	7.3	0.20		
VIII(a). Osteosarcomas	742	4.6	0.17	4.5	0.17	4.2	0.15		
VIII(c). Ewing tumor and related sarcomas of bone	425	2.6	0.13	2.6	0.13	2.5	0.12		
IX. Soft tissue and other extrasosseous sarcomas	1782	11.0	0.26	11.0	0.26	10.9	0.26		
IX(a). Rhabdomyosarcomas	670	4.1	0.16	4.2	0.16	4.3	0.17		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	1344	8.3	0.23	8.2	0.22	8.0	0.22		
X(a). Intracranial & intraspinal germ cell tumors	151	0.9	0.08	0.9	0.08	0.9	0.07		
X(c). Malignant gonadal germ cell tumors	711	4.4	0.16	4.4	0.16	4.0	0.15		
XI. Other malignant epithelial neoplasms and melanomas	3597	22.2	0.37	22.1	0.37	20.1	0.34		
XI(b). Thyroid carcinomas	1622	10.0	0.25	10.0	0.25	9.0	0.22		
XI(d). Malignant melanomas	1092	6.8	0.20	6.7	0.20	6.1	0.19		
XII. Other & unspecified malignant neoplasms	142	0.9	0.07	0.9	0.07	0.9	0.07		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

III-12 UNITED STATES - Pediatric Age-adjusted Rates

Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers
 United States (NAACCR Combined²), 2000-2004, Whites, Males

Sites	Ages 0-14				Ages 0-19			
	2000 U.S.		World		2000 U.S.		World	
	Cases	Rate	S.E.	Rate	Cases	Rate	S.E.	Rate
All Sites	16551	165.9	1.29	172.6	24480	182.8	1.17	186.2
I. Leukemias	5362	53.9	0.74	57.6	6620	49.6	0.61	52.9
I(a). Lymphoid leukemias	4325	43.5	0.66	46.7	5130	38.5	0.54	41.5
I(b). Acute myeloid leukemias	781	7.8	0.28	8.1	1114	8.3	0.25	8.5
II. Lymphomas & reticuloendothelial neoplasms	2033	20.4	0.45	19.4	3892	29.0	0.46	27.3
II(a). Hodgkin lymphomas	672	6.7	0.26	6.1	1776	13.2	0.31	12.0
II(b, c, e). Non-Hodgkin lymphomas	1253	12.6	0.36	12.1	2005	15.0	0.33	14.4
III. CNS & misc. intracranial & intraspinal neoplasms	3632	36.5	0.61	37.3	4471	33.5	0.50	34.4
III(a). Ependymomas and choroids plexus tumor	331	3.3	0.18	3.6	377	2.8	0.15	3.1
III(b). Astrocytomas	1685	16.9	0.41	17.1	2130	16.0	0.35	16.2
III(c). Intracranial and intraspinal embryonal tumors	974	9.8	0.31	10.1	1130	8.5	0.25	8.9
III(d). Other gliomas	535	5.4	0.23	5.3	688	5.2	0.20	5.1
IV. Neuroblastoma and other peripheral nervous cell tumors	1144	11.4	0.34	13.3	1171	8.7	0.26	10.5
IV(a). Neuroblastoma & ganglioneuroblastoma	1135	11.3	0.34	13.2	1149	8.6	0.25	10.3
V. Retinoblastoma	403	4.0	0.20	4.8	403	3.0	0.15	3.7
VI. Renal Tumors	758	7.6	0.28	8.7	792	5.9	0.21	7.0
VI(a). Nephroblastoma and other nonepithelial renal tumors	725	7.3	0.27	8.4	731	5.5	0.20	6.5
VII. Hepatic tumors	254	2.5	0.16	2.9	289	2.2	0.13	2.5
VII(a). Hepatoblastoma	218	2.2	0.15	2.5	219	1.6	0.11	2.0
VIII. Malignant bone tumors	702	7.0	0.26	6.3	1356	10.1	0.27	9.2
VIII(a). Osteosarcomas	349	3.5	0.19	3.1	730	5.4	0.20	4.9
VIII(c). Ewing tumor and related sarcomas of bone	292	2.9	0.17	2.7	490	3.6	0.16	3.4
IX. Soft tissue and other extrasosseous sarcomas	1169	11.7	0.34	11.9	1742	13.0	0.31	13.0
IX(a). Rhabdomyosarcomas	591	5.9	0.24	6.3	745	5.6	0.20	5.9
X. Germ cell & trophoblastic tumors & neoplasms of gonads	491	4.9	0.22	5.0	1978	14.6	0.33	13.7
X(a). Intracranial & intraspinal germ cell tumors	191	1.9	0.14	1.7	326	2.4	0.13	2.2
X(c). Malignant gonadal germ cell tumors	193	1.9	0.14	2.1	1469	10.9	0.28	10.0
XI. Other malignant epithelial neoplasms and melanomas	550	5.5	0.23	5.0	1683	12.5	0.30	11.4
XI(b). Thyroid carcinomas	125	1.2	0.11	1.1	333	2.5	0.14	2.2
XI(d). Malignant melanomas	251	2.5	0.16	2.4	806	6.0	0.21	5.5
XII. Other & unspecified malignant neoplasms	53	0.5	0.07	0.6	83	0.6	0.07	0.6

¹ Rates are per million population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, Whites, Females**

Sites	Ages 0-14						Ages 0-19					
	2000 U.S.			World			2000 U.S.			World		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	14033	147.8	1.25	153.6	1.31	20675	162.8	1.13	165.8	1.17		
I. Leukemias	4349	46.0	0.70	49.1	0.75	5060	40.0	0.56	43.0	0.61		
I(a). Lymphoid leukemias	3486	36.9	0.62	39.6	0.68	3839	30.4	0.49	33.2	0.54		
I(b). Acute myeloid leukemias	659	6.9	0.27	7.2	0.29	930	7.3	0.24	7.5	0.25		
II. Lymphomas & reticuloendothelial neoplasms	1147	12.0	0.36	11.4	0.34	2688	21.1	0.41	19.7	0.38		
II(a). Hodgkin lymphomas	464	4.8	0.23	4.3	0.20	1624	12.8	0.32	11.5	0.29		
II(b, c, e). Non-Hodgkin lymphomas	579	6.1	0.25	5.9	0.25	954	7.5	0.24	7.2	0.24		
III. CNS & misc. intracranial & intraspinal neoplasms	3030	32.0	0.58	32.8	0.60	3707	29.3	0.48	30.2	0.50		
III(a). Ependymomas and choroids plexus tumor	251	2.6	0.17	2.8	0.18	301	2.4	0.14	2.5	0.15		
III(b). Astrocytomas	1552	16.4	0.42	16.7	0.43	1929	15.2	0.35	15.6	0.36		
III(c). Intracranial and intraspinal embryonal tumors	605	6.4	0.26	6.7	0.28	695	5.5	0.21	5.9	0.22		
III(d). Other gliomas	527	5.6	0.24	5.5	0.24	659	5.2	0.20	5.2	0.21		
IV. Neuroblastoma and other peripheral nervous cell tumors	1071	11.2	0.34	13.0	0.40	1086	8.5	0.26	10.2	0.31		
IV(a). Neuroblastoma & ganglioneuroblastoma	1056	11.1	0.34	12.9	0.40	1065	8.3	0.26	10.0	0.31		
V. Retinoblastoma	353	3.7	0.20	4.4	0.23	354	2.8	0.15	3.4	0.18		
VI. Renal Tumors	826	8.7	0.30	9.9	0.34	871	6.9	0.23	8.0	0.27		
VI(a). Nephroblastoma and other nonepithelial renal tumors	798	8.4	0.30	9.6	0.34	806	6.4	0.22	7.5	0.26		
VII. Hepatic tumors	203	2.1	0.15	2.4	0.17	237	1.9	0.12	2.1	0.14		
VII(a). Hepatoblastoma	174	1.8	0.14	2.2	0.16	175	1.4	0.10	1.7	0.13		
VIII. Malignant bone tumors	681	7.1	0.27	6.5	0.25	1057	8.3	0.26	7.7	0.24		
VIII(a). Osteosarcomas	373	3.9	0.20	3.5	0.18	561	4.4	0.19	4.0	0.17		
VIII(c). Ewing tumor and related sarcomas of bone	261	2.7	0.17	2.6	0.16	391	3.1	0.16	2.9	0.15		
IX. Soft tissue and other extraosseous sarcomas	931	9.8	0.32	9.9	0.33	1393	11.0	0.29	10.9	0.30		
IX(a). Rhabdomyosarcomas	433	4.6	0.22	4.8	0.23	524	4.1	0.18	4.4	0.19		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	574	6.0	0.25	5.9	0.25	1040	8.2	0.25	7.9	0.25		
X(a). Intracranial & intraspinal germ cell tumors	100	1.1	0.11	1.0	0.10	121	1.0	0.09	0.9	0.08		
X(c). Malignant gonadal germ cell tumors	265	2.8	0.17	2.5	0.15	558	4.4	0.19	4.0	0.17		
XI. Other malignant epithelial neoplasms and melanomas	801	8.4	0.30	7.6	0.27	3072	24.1	0.44	21.9	0.40		
XI(b). Thyroid carcinomas	338	3.5	0.19	3.1	0.17	1428	11.2	0.30	10.1	0.27		
XI(d). Malignant melanomas	233	2.4	0.16	2.3	0.15	991	7.8	0.25	7.1	0.23		
XII. Other & unspecified malignant neoplasms	67	0.7	0.09	0.7	0.09	110	0.9	0.08	0.9	0.08		

¹ Rates are per million population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, Blacks, Males**

Sites	Ages 0-14				Ages 0-19			
	2000 U.S.		World		2000 U.S.		World	
	Cases	Rate	S.E.	Rate	Cases	Rate	S.E.	Rate
All Sites	2242	113.2	2.39	116.3	3132	120.3	2.49	122.0
I. Leukemias	535	27.1	1.17	27.9	677	25.9	1.22	26.7
I(a). Lymphoid leukemias	362	18.4	0.96	19.0	427	16.3	1.01	17.0
I(b). Acute myeloid leukemias	130	6.5	0.57	6.7	185	7.1	0.60	7.2
II. Lymphomas & reticuloendothelial neoplasms	329	16.5	0.91	15.3	575	22.2	0.85	20.6
II(a). Hodgkin lymphomas	125	6.2	0.56	5.6	250	9.7	0.50	8.8
II(b, c, e). Non-Hodgkin lymphomas	188	9.4	0.69	8.7	309	11.9	0.64	11.1
III. CNS & misc. intracranial & intraspinal neoplasms	499	25.3	1.13	26.0	591	22.6	1.18	23.5
III(a). Ependymomas and choroids plexus tumor	35	1.8	0.30	1.9	44	1.7	0.32	1.8
III(b). Astrocytomas	231	11.7	0.77	11.7	288	11.0	0.78	11.1
III(c). Intracranial and intraspinal embryonal tumors	113	5.7	0.54	6.2	125	4.8	0.59	5.2
III(d). Other gliomas	85	4.3	0.47	4.4	97	3.7	0.48	3.8
IV. Neuroblastoma and other peripheral nervous cell tumors	176	8.9	0.67	10.3	181	6.9	0.78	8.1
IV(a). Neuroblastoma & ganglioneuroblastoma	175	8.9	0.67	10.2	176	6.7	0.78	8.0
V. Retinoblastoma	99	5.0	0.50	6.0	100	3.8	0.60	4.7
VI. Renal Tumors	167	8.5	0.66	9.6	185	7.1	0.75	8.1
VI(a). Nephroblastoma and other nonepithelial renal tumors	151	7.7	0.63	8.8	152	5.8	0.72	6.9
VII. Hepatic tumors	33	1.7	0.29	1.9	46	1.8	0.33	1.9
VII(a). Hepatoblastoma	26	1.3	0.26	1.6	26	1.0	0.31	1.2
VIII. Malignant bone tumors	92	4.6	0.48	4.2	192	7.4	0.45	6.9
VIII(a). Osteosarcomas	72	3.6	0.42	3.3	146	5.7	0.39	5.2
VIII(c). Ewing tumor and related sarcomas of bone	13	0.7	0.18	0.6	24	0.9	0.18	0.9
IX. Soft tissue and other extrasosseous sarcomas	186	9.3	0.68	9.2	294	11.3	0.68	10.9
IX(a). Rhabdomyosarcomas	92	4.7	0.49	4.7	118	4.5	0.50	4.6
X. Germ cell & trophoblastic tumors & neoplasms of gonads	36	1.8	0.30	2.0	95	3.7	0.34	3.7
X(a). Intracranial & intraspinal germ cell tumors	11	0.6	0.17	0.6	28	1.1	0.17	1.0
X(c). Malignant gonadal germ cell tumors	10	0.5	0.16	0.5	45	1.8	0.17	1.7
XI. Other malignant epithelial neoplasms and melanomas	81	4.0	0.45	3.6	184	7.1	0.41	6.5
XI(b). Thyroid carcinomas	10	0.5	0.16	0.4	24	0.9	0.14	0.8
XI(d). Malignant melanomas	6	0.3	0.12	0.3	8	0.3	0.13	0.3
XII. Other & unspecified malignant neoplasms	9	0.5	0.15	0.4	12	0.5	0.15	0.5

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers
United States (NAACCR Combined²), 2000-2004, Blacks, Females**

Sites	Ages 0-14				Ages 0-19				
	2000 U.S.		World		2000 U.S.		World		
	Cases	Rate	S.E.	Rate	S.E.	Cases	Rate	S.E.	
All Sites	2077	108.3	2.38	110.9	2.47	2884	114.3	2.13	115.7
I. Leukemias	462	24.2	1.13	25.2	1.18	577	22.8	0.95	23.7
I(a). Lymphoid leukemias	318	16.7	0.94	17.4	0.99	367	14.5	0.76	15.3
I(b). Acute myeloid leukemias	113	5.9	0.55	6.1	0.58	165	6.5	0.51	6.6
II. Lymphomas & reticuloendothelial neoplasms	187	9.7	0.71	9.0	0.67	405	16.2	0.81	15.0
II(a). Hodgkin lymphomas	69	3.5	0.43	3.1	0.38	210	8.4	0.58	7.6
II(b, c, e). Non-Hodgkin lymphomas	108	5.6	0.54	5.3	0.52	184	7.3	0.54	6.9
III. CNS & misc. intracranial & intraspinal neoplasms	460	24.0	1.12	24.5	1.16	538	21.2	0.91	21.9
III(a). Ependymomas and choroids plexus tumor	51	2.7	0.37	2.9	0.41	61	2.4	0.31	2.6
III(b). Astrocytomas	207	10.8	0.75	10.9	0.77	247	9.7	0.62	9.9
III(c). Intracranial and intraspinal embryonal tumors	83	4.3	0.48	4.6	0.51	96	3.8	0.39	4.0
III(d). Other gliomas	84	4.4	0.48	4.4	0.48	95	3.7	0.38	3.8
IV. Neuroblastoma and other peripheral nervous cell tumors	139	7.3	0.62	8.3	0.71	144	5.7	0.47	6.7
IV(a). Neuroblastoma & ganglioneuroblastoma	136	7.2	0.61	8.2	0.71	141	5.6	0.47	6.5
V. Retinoblastoma	75	3.9	0.45	4.7	0.55	75	2.9	0.34	3.7
VI. Renal Tumors	195	10.3	0.74	11.4	0.82	200	7.9	0.56	9.0
VI(a). Nephroblastoma and other nonepithelial renal tumors	185	9.8	0.72	10.9	0.81	185	7.3	0.54	8.4
VII. Hepatic tumors	24	1.3	0.26	1.4	0.29	29	1.1	0.21	1.3
VII(a). Hepatoblastoma	18	0.9	0.22	1.1	0.27	18	0.7	0.17	0.9
VIII. Malignant bone tumors	113	5.8	0.55	5.2	0.49	164	6.5	0.50	5.9
VIII(a). Osteosarcomas	99	5.1	0.51	4.5	0.46	137	5.4	0.46	4.9
VIII(c). Ewing tumor and related sarcomas of bone	10	0.5	0.16	0.5	0.14	13	0.5	0.14	0.5
IX. Soft tissue and other extrasosseous sarcomas	210	10.9	0.75	10.8	0.75	301	11.9	0.69	11.7
IX(a). Rhabdomyosarcomas	92	4.8	0.50	5.0	0.53	116	4.6	0.43	4.8
X. Germ cell & trophoblastic tumors & neoplasms of gonads	107	5.5	0.53	5.5	0.54	201	8.0	0.56	7.7
X(a). Intracranial & intraspinal germ cell tumors	8	0.4	0.15	0.4	0.14	12	0.5	0.14	0.5
X(c). Malignant gonadal germ cell tumors	61	3.1	0.40	2.9	0.37	105	4.2	0.41	3.9
XI. Other malignant epithelial neoplasms and melanomas	93	4.8	0.49	4.3	0.45	231	9.2	0.61	8.4
XI(b). Thyroid carcinomas	27	1.4	0.27	1.2	0.23	65	2.6	0.32	2.3
XI(d). Malignant melanomas	-	-	-	-	-	9	0.4	0.12	0.3
XII. Other & unspecified malignant neoplasms	12	0.6	0.18	0.6	0.19	19	0.8	0.17	0.7

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age and to the World population standard. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
Canada (NAACCR Canadian Combined²), 2000-2004, All Races, Males**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	684	240.3	9.19	400	124.4	6.22	412	121.9	6.01	756	221.8	8.07
I. Leukemias	256	90.0	5.62	138	42.9	3.65	89	26.3	2.79	114	33.4	3.13
I(a). Lymphoid leukemias	211	74.1	5.10	115	35.8	3.34	71	21.0	2.49	61	17.9	2.29
I(b). Acute myeloid leukemias	22	7.7	1.65	13	4.0	1.12	10	3.0	0.94	34	10.0	1.71
II. Lymphomas & reticuloendothelial neoplasms	48	16.9	2.43	75	23.3	2.69	103	30.5	3.00	214	62.8	4.29
II(a). Hodgkin lymphomas	-	-	-	16	5.0	1.24	44	13.0	1.96	130	38.1	3.34
II(b, c, e). Non-Hodgkin lymphomas	26	9.1	1.79	41	12.8	1.99	48	14.2	2.05	68	19.9	2.42
III. CNS & misc. intracranial & intraspinal neoplasms	111	39.0	3.70	99	30.8	3.09	84	24.9	2.71	89	26.1	2.77
III(a). Ependymomas and choroids plexus tumor	21	7.4	1.61	-	-	-	8	2.4	0.84	8	2.3	0.83
III(b). Astrocytomas	36	12.6	2.11	36	11.2	1.87	42	12.4	1.92	36	10.6	1.76
III(c). Intracranial and intraspinal embryonal tumors	31	10.9	1.96	37	11.5	1.89	18	5.3	1.26	14	4.1	1.10
III(d). Other gliomas	17	6.0	1.45	13	4.0	1.12	9	2.7	0.89	18	5.3	1.24
IV. Neuroblastoma and other peripheral nervous cell tumors	85	29.9	3.24	7	2.2	0.82	-	-	-	-	-	-
IV(a). Neuroblastoma & ganglioneuroblastoma	85	29.9	3.24	7	2.2	0.82	-	-	-	-	-	-
V. Retinoblastoma	37	13.0	2.14	-	-	-	-	-	-	-	-	-
VI. Renal Tumors	44	15.5	2.33	14	4.4	1.16	-	-	-	-	-	-
VI(a). Nephroblastoma and other nonepithelial renal tumors	39	13.7	2.19	13	4.0	1.12	-	-	-	-	-	-
VII. Hepatic tumors	20	7.0	1.57	-	-	-	-	-	-	-	-	-
VII(a). Hepatoblastoma	19	6.7	1.53	-	-	-	-	-	-	-	-	-
VIII. Malignant bone tumors	6	2.1	0.86	15	4.7	1.20	41	12.1	1.90	55	16.1	2.18
VIII(a). Osteosarcomas	-	-	-	6	1.9	0.76	19	5.6	1.29	29	8.5	1.58
VIII(c). Ewing tumor and related sarcomas of bone	-	-	-	8	2.5	0.88	17	5.0	1.22	18	5.3	1.24
IX. Soft tissue and other extrasosseous sarcomas	30	10.5	1.92	24	7.5	1.52	38	11.2	1.82	52	15.3	2.12
IX(a). Rhabdomyosarcomas	19	6.7	1.53	17	5.3	1.28	15	4.4	1.15	11	3.2	0.97
X. Germ cell & trophoblastic tumors & neoplasms of gonads	23	8.1	1.69	6	1.9	0.76	17	5.0	1.22	126	37.0	3.29
X(a). Intracranial & intraspinal germ cell tumors	-	-	-	6	1.9	0.76	9	2.7	0.89	8	2.3	0.83
X(c). Malignant gonadal germ cell tumors	7	2.5	0.93	-	-	-	-	-	-	113	33.1	3.12
XI. Other malignant epithelial neoplasms and melanomas	10	3.5	1.11	14	4.4	1.16	25	7.4	1.48	89	26.1	2.77
XI(b). Thyroid carcinomas	-	-	-	6	1.9	0.76	-	-	-	24	7.0	1.44
XI(d). Malignant melanomas	-	-	-	-	-	-	7	2.1	0.78	35	10.3	1.74
XII. Other & unspecified malignant neoplasms	14	4.9	1.31	-	-	-	-	-	-	11	3.2	0.97

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.
² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
Canada (NAACCR Canadian Combined²), 2000-2004, All Races, Females**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	509	186.4	8.26	326	106.3	5.88	383	119.1	6.09	683	211.5	8.09
I. Leukemias	182	66.7	4.94	112	36.5	3.45	84	26.1	2.85	61	18.9	2.42
I(a). Lymphoid leukemias	138	50.5	4.30	91	29.7	3.11	54	16.8	2.29	27	8.4	1.61
I(b). Acute myeloid leukemias	29	10.6	1.97	14	4.6	1.22	22	6.8	1.46	24	7.4	1.52
II. Lymphomas & reticuloendothelial neoplasms	18	6.6	1.55	20	6.5	1.46	81	25.2	2.80	187	57.9	4.23
II(a). Hodgkin lymphomas	-	-	-	-	-	-	57	17.7	2.35	142	44.0	3.69
II(b, c, e). Non-Hodgkin lymphomas	14	5.1	1.37	13	4.2	1.18	22	6.8	1.46	41	12.7	1.98
III. CNS & misc. intracranial & intraspinal neoplasms	86	31.5	3.40	85	27.7	3.01	68	21.1	2.56	65	20.1	2.50
III(a). Ependymomas and choroids plexus tumor	13	4.8	1.32	-	-	-	-	-	-	-	-	-
III(b). Astrocytomas	34	12.5	2.14	44	14.3	2.16	35	10.9	1.84	32	9.9	1.75
III(c). Intracranial and intraspinal embryonal tumors	23	8.4	1.76	16	5.2	1.30	7	2.2	0.82	6	1.9	0.76
III(d). Other gliomas	9	3.3	1.10	11	3.6	1.08	11	3.4	1.03	14	4.3	1.16
IV. Neuroblastoma and other peripheral nervous cell tumors	63	23.1	2.91	10	3.3	1.03	-	-	-	-	-	-
IV(a). Neuroblastoma & ganglioneuroblastoma	62	22.7	2.88	10	3.3	1.03	-	-	-	-	-	-
V. Retinoblastoma	31	11.4	2.04	-	-	-	-	-	-	-	-	-
VI. Renal Tumors	48	17.6	2.54	28	9.1	1.72	-	-	-	9	2.8	0.93
VI(a). Nephroblastoma and other nonepithelial renal tumors	47	17.2	2.51	27	8.8	1.69	-	-	-	-	-	-
VII. Hepatic tumors	22	8.1	1.72	-	-	-	-	-	-	-	-	-
VII(a). Hepatoblastoma	20	7.3	1.64	-	-	-	-	-	-	-	-	-
VIII. Malignant bone tumors	-	-	-	18	5.9	1.38	40	12.4	1.97	25	7.7	1.55
VIII(a). Osteosarcomas	-	-	-	8	2.6	0.92	19	5.9	1.36	10	3.1	0.98
VIII(c). Ewing tumor and related sarcomas of bone	-	-	-	9	2.9	0.98	17	5.3	1.28	9	2.8	0.93
IX. Soft tissue and other extrasosseous sarcomas	21	7.7	1.68	19	6.2	1.42	25	7.8	1.55	41	12.7	1.98
IX(a). Rhabdomyosarcomas	16	5.9	1.47	13	4.2	1.18	8	2.5	0.88	10	3.1	0.98
X. Germ cell & trophoblastic tumors & neoplasms of gonads	7	2.6	0.97	12	3.9	1.13	28	8.7	1.65	46	14.2	2.10
X(a). Intracranial & intraspinal germ cell tumors	-	-	-	-	-	-	8	2.5	0.88	-	-	-
X(c). Malignant gonadal germ cell tumors	-	-	-	10	3.3	1.03	17	5.3	1.28	27	8.4	1.61
XI. Other malignant epithelial neoplasms and melanomas	10	3.7	1.16	14	4.6	1.22	44	13.7	2.06	235	72.8	4.75
XI(b). Thyroid carcinomas	-	-	-	9	2.9	0.98	22	6.8	1.46	127	39.3	3.49
XI(d). Malignant melanomas	-	-	-	-	-	-	8	2.5	0.88	62	19.2	2.44
XII. Other & unspecified malignant neoplasms	17	6.2	1.51	-	-	-	6	1.9	0.76	12	3.7	1.07

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-14)
Canada (NAACCR Canadian Combined²), 2000-2004, All Races, Males**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	1496	161.0	4.17	161.5	4.19	168.7	4.45		
I. Leukemias	483	52.3	2.38	52.9	2.41	56.1	2.60		
I(a). Lymphoid leukemias	397	42.9	2.16	43.5	2.19	46.1	2.35		
I(b). Acute myeloid leukemias	45	4.9	0.73	4.9	0.73	5.2	0.79		
II. Lymphomas & reticuloendothelial neoplasms	226	23.7	1.58	23.6	1.57	22.9	1.55		
II(a). Hodgkin lymphomas	63	6.4	0.81	6.4	0.81	5.8	0.74		
II(b, c, e). Non-Hodgkin lymphomas	115	12.1	1.13	12.1	1.13	11.8	1.12		
III. CNS & misc. intracranial & intraspinal neoplasms	294	31.4	1.83	31.5	1.84	32.2	1.91		
III(a). Ependymomas and choroids plexus tumor	34	3.7	0.63	3.7	0.64	4.0	0.70		
III(b). Astrocytomas	114	12.1	1.13	12.1	1.14	12.1	1.15		
III(c). Intracranial and intraspinal embryonal tumors	86	9.2	0.99	9.2	1.00	9.5	1.04		
III(d). Other gliomas	39	4.2	0.67	4.2	0.68	4.4	0.71		
IV. Neuroblastoma and other peripheral nervous cell tumors	95	10.8	1.11	10.8	1.10	12.7	1.31		
IV(a). Neuroblastoma & ganglioneuroblastoma	94	10.7	1.10	10.7	1.10	12.6	1.30		
V. Retinoblastoma	37	4.2	0.69	4.2	0.70	5.1	0.83		
VI. Renal Tumors	63	7.0	0.88	7.0	0.89	7.8	1.00		
VI(a). Nephroblastoma and other nonepithelial renal tumors	54	6.0	0.81	6.1	0.82	6.8	0.93		
VII. Hepatic tumors	27	3.0	0.58	3.0	0.58	3.4	0.67		
VII(a). Hepatoblastoma	25	2.8	0.56	2.8	0.56	3.2	0.64		
VIII. Malignant bone tumors	62	6.4	0.81	6.3	0.81	5.8	0.75		
VIII(a). Osteosarcomas	28	2.9	0.54	2.9	0.54	2.6	0.51		
VIII(c). Ewing tumor and related sarcomas of bone	27	2.8	0.53	2.8	0.53	2.5	0.49		
IX. Soft tissue and other extrasosseous sarcomas	92	9.8	1.02	9.7	1.02	9.8	1.04		
IX(a). Rhabdomyosarcomas	51	5.5	0.76	5.5	0.77	5.6	0.80		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	46	5.0	0.74	4.9	0.73	5.3	0.79		
X(a). Intracranial & intraspinal germ cell tumors	17	1.8	0.43	1.7	0.42	1.7	0.41		
X(c). Malignant gonadal germ cell tumors	11	1.2	0.37	1.2	0.36	1.3	0.41		
XI. Other malignant epithelial neoplasms and melanomas	49	5.2	0.74	5.1	0.73	5.0	0.72		
XI(b). Thyroid carcinomas	12	1.2	0.36	1.2	0.36	1.2	0.34		
XI(d). Malignant melanomas	11	1.1	0.34	1.1	0.34	1.0	0.32		
XII. Other & unspecified malignant neoplasms	22	2.4	0.52	2.4	0.51	2.7	0.58		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-14)
Canada (NAACCR Canadian Combined²), 2000-2004, All Races, Females**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	1218	136.6	3.92	136.8	3.93	141.2	4.12		
I. Leukemias	378	42.6	2.20	42.9	2.21	45.1	2.36		
I(a). Lymphoid leukemias	283	31.9	1.90	32.2	1.92	33.9	2.05		
I(b). Acute myeloid leukemias	65	7.3	0.91	7.3	0.91	7.6	0.96		
II. Lymphomas & reticuloendothelial neoplasms	119	12.9	1.18	12.8	1.18	12.0	1.11		
II(a). Hodgkin lymphomas	62	6.6	0.84	6.5	0.83	5.7	0.73		
II(b, c, e). Non-Hodgkin lymphomas	49	5.4	0.77	5.4	0.77	5.3	0.78		
III. CNS & misc. intracranial & intraspinal neoplasms	239	26.7	1.73	26.8	1.73	27.2	1.79		
III(a). Ependymomas and choroids plexus tumor	21	2.4	0.52	2.4	0.53	2.6	0.58		
III(b). Astrocytomas	113	12.5	1.18	12.6	1.19	12.6	1.20		
III(c). Intracranial and intraspinal embryonal tumors	46	5.2	0.77	5.2	0.77	5.6	0.84		
III(d). Other gliomas	31	3.4	0.62	3.4	0.62	3.4	0.62		
IV. Neuroblastoma and other peripheral nervous cell tumors	77	9.0	1.03	9.0	1.03	10.5	1.20		
IV(a). Neuroblastoma & ganglioneuroblastoma	76	8.9	1.03	8.9	1.02	10.3	1.19		
V. Retinoblastoma	34	4.0	0.69	4.0	0.69	4.8	0.82		
VI. Renal Tumors	79	9.0	1.02	9.2	1.03	10.0	1.13		
VI(a). Nephroblastoma and other nonepithelial renal tumors	76	8.7	1.00	8.8	1.01	9.6	1.12		
VII. Hepatic tumors	23	2.7	0.57	2.7	0.57	3.3	0.68		
VII(a). Hepatoblastoma	21	2.5	0.54	2.5	0.55	3.0	0.65		
VIII. Malignant bone tumors	62	6.7	0.85	6.6	0.84	6.1	0.78		
VIII(a). Osteosarcomas	28	3.0	0.57	3.0	0.56	2.7	0.51		
VIII(c). Ewing tumor and related sarcomas of bone	28	3.0	0.57	3.0	0.57	2.8	0.53		
IX. Soft tissue and other extraosseous sarcomas	65	7.2	0.90	7.2	0.90	7.2	0.92		
IX(a). Rhabdomyosarcomas	37	4.2	0.68	4.2	0.69	4.3	0.73		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	47	5.1	0.75	5.1	0.74	4.8	0.71		
X(a). Intracranial & intraspinal germ cell tumors	9	1.0	0.32	0.9	0.31	0.8	0.28		
X(c). Malignant gonadal germ cell tumors	28	3.0	0.57	3.0	0.57	2.7	0.52		
XI. Other malignant epithelial neoplasms and melanomas	68	7.4	0.90	7.3	0.89	6.9	0.85		
XI(b). Thyroid carcinomas	32	3.4	0.61	3.4	0.60	3.1	0.55		
XI(d). Malignant melanomas	14	1.5	0.41	1.5	0.41	1.5	0.41		
XII. Other & unspecified malignant neoplasms	27	3.1	0.60	3.1	0.60	3.4	0.67		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-19)
Canada (NAACCR Canadian Combined²), 2000-2004, All Races, Males**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	2252	176.3	3.72	176.7	3.73	180.6	3.89		
I. Leukemias	597	47.5	1.95	48.0	1.97	51.0	2.13		
I(a). Lymphoid leukemias	458	36.6	1.71	37.1	1.74	39.8	1.89		
I(b). Acute myeloid leukemias	79	6.2	0.69	6.2	0.69	6.3	0.72		
II. Lymphomas & reticuloendothelial neoplasms	440	33.5	1.60	33.5	1.60	31.9	1.54		
II(a). Hodgkin lymphomas	193	14.4	1.04	14.4	1.04	13.1	0.94		
II(b, c, e). Non-Hodgkin lymphomas	183	14.1	1.04	14.0	1.04	13.6	1.02		
III. CNS & misc. intracranial & intraspinal neoplasms	383	30.0	1.54	30.2	1.54	30.8	1.61		
III(a). Ependymomas and choroids plexus tumor	42	3.4	0.52	3.4	0.53	3.7	0.58		
III(b). Astrocytomas	150	11.7	0.96	11.7	0.96	11.7	0.98		
III(c). Intracranial and intraspinal embryonal tumors	100	7.9	0.79	7.9	0.80	8.3	0.84		
III(d). Other gliomas	57	4.5	0.59	4.5	0.60	4.6	0.62		
IV. Neuroblastoma and other peripheral nervous cell tumors	96	8.1	0.83	8.1	0.83	9.9	1.01		
IV(a). Neuroblastoma & ganglioneuroblastoma	95	8.1	0.83	8.0	0.83	9.8	1.01		
V. Retinoblastoma	37	3.2	0.52	3.2	0.52	3.9	0.65		
VI. Renal Tumors	66	5.4	0.67	5.5	0.68	6.3	0.78		
VI(a). Nephroblastoma and other nonepithelial renal tumors	55	4.6	0.61	4.6	0.62	5.3	0.73		
VII. Hepatic tumors	29	2.4	0.45	2.4	0.45	2.8	0.52		
VII(a). Hepatoblastoma	25	2.1	0.42	2.1	0.42	2.5	0.50		
VIII. Malignant bone tumors	117	8.8	0.82	8.8	0.81	8.2	0.76		
VIII(a). Osteosarcomas	57	4.3	0.57	4.3	0.57	4.0	0.53		
VIII(c). Ewing tumor and related sarcomas of bone	45	3.4	0.51	3.4	0.51	3.2	0.47		
IX. Soft tissue and other extrasosseous sarcomas	144	11.1	0.93	11.1	0.93	11.0	0.94		
IX(a). Rhabdomyosarcomas	62	4.9	0.62	4.9	0.62	5.1	0.66		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	172	13.0	1.00	13.0	0.99	12.4	0.96		
X(a). Intracranial & intraspinal germ cell tumors	25	1.9	0.38	1.9	0.38	1.8	0.37		
X(c). Malignant gonadal germ cell tumors	124	9.2	0.83	9.2	0.83	8.5	0.77		
XI. Other malignant epithelial neoplasms and melanomas	138	10.4	0.89	10.4	0.88	9.7	0.84		
XI(b). Thyroid carcinomas	36	2.7	0.45	2.7	0.45	2.5	0.42		
XI(d). Malignant melanomas	46	3.4	0.51	3.4	0.50	3.1	0.46		
XII. Other & unspecified malignant neoplasms	33	2.6	0.46	2.6	0.46	2.8	0.50		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-19)
Canada (NAACCR Canadian Combined²), 2000-2004, All Races, Females**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	1901	155.4	3.57	155.6	3.58	157.0	3.68		
I. Leukemias	439	36.7	1.75	36.9	1.76	39.2	1.91		
I(a). Lymphoid leukemias	310	26.0	1.48	26.2	1.49	28.1	1.63		
I(b). Acute myeloid leukemias	89	7.3	0.78	7.3	0.78	7.6	0.82		
II. Lymphomas & reticuloendothelial neoplasms	306	24.2	1.38	24.1	1.38	22.3	1.29		
II(a). Hodgkin lymphomas	204	16.0	1.12	15.9	1.12	14.3	1.00		
II(b, c, e). Non-Hodgkin lymphomas	90	7.2	0.76	7.2	0.76	7.0	0.75		
III. CNS & misc. intracranial & intraspinal neoplasms	304	25.0	1.44	25.1	1.44	25.6	1.50		
III(a). Ependymomas and choroids plexus tumor	24	2.0	0.42	2.0	0.42	2.2	0.47		
III(b). Astrocytomas	145	11.9	0.99	11.9	0.99	12.0	1.01		
III(c). Intracranial and intraspinal embryonal tumors	52	4.4	0.61	4.4	0.61	4.7	0.67		
III(d). Other gliomas	45	3.7	0.55	3.7	0.55	3.6	0.55		
IV. Neuroblastoma and other peripheral nervous cell tumors	78	6.8	0.78	6.8	0.78	8.2	0.93		
IV(a). Neuroblastoma & ganglioneuroblastoma	77	6.8	0.77	6.8	0.77	8.1	0.93		
V. Retinoblastoma	34	3.0	0.52	3.0	0.52	3.7	0.64		
VI. Renal Tumors	88	7.5	0.80	7.6	0.81	8.4	0.90		
VI(a). Nephroblastoma and other nonepithelial renal tumors	79	6.7	0.76	6.8	0.77	7.7	0.87		
VII. Hepatic tumors	24	2.1	0.43	2.1	0.43	2.6	0.53		
VII(a). Hepatoblastoma	21	1.9	0.41	1.9	0.41	2.3	0.50		
VIII. Malignant bone tumors	87	7.0	0.75	6.9	0.74	6.4	0.70		
VIII(a). Osteosarcomas	38	3.0	0.49	3.0	0.49	2.8	0.45		
VIII(c). Ewing tumor and related sarcomas of bone	37	3.0	0.49	2.9	0.49	2.8	0.46		
IX. Soft tissue and other extrasosseous sarcomas	106	8.6	0.84	8.6	0.84	8.5	0.84		
IX(a). Rhabdomyosarcomas	47	3.9	0.57	3.9	0.57	4.1	0.60		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	93	7.4	0.77	7.4	0.77	6.9	0.73		
X(a). Intracranial & intraspinal germ cell tumors	9	0.7	0.24	0.7	0.24	0.6	0.21		
X(c). Malignant gonadal germ cell tumors	55	4.4	0.59	4.3	0.59	4.0	0.54		
XI. Other malignant epithelial neoplasms and melanomas	303	23.8	1.37	23.8	1.37	21.7	1.25		
XI(b). Thyroid carcinomas	159	12.5	0.99	12.4	0.99	11.2	0.89		
XI(d). Malignant melanomas	76	6.0	0.69	6.0	0.69	5.5	0.64		
XII. Other & unspecified malignant neoplasms	39	3.3	0.53	3.2	0.52	3.5	0.57		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
North America (NAACCR North American Combined²), 2000-2004, All Races, Males**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	9932	226.5	2.27	5581	123.3	1.65	6144	129.5	1.65	10116	218.3	2.17
I. Leukemias	3620	82.6	1.37	1827	40.4	0.94	1401	29.5	0.79	1589	34.3	0.86
I(a). Lymphoid leukemias	2927	66.8	1.23	1532	33.9	0.86	965	20.3	0.65	973	21.0	0.67
I(b). Acute myeloid leukemias	496	11.3	0.51	222	4.9	0.33	329	6.9	0.38	441	9.5	0.45
II. Lymphomas & reticuloendothelial neoplasms	500	11.4	0.51	912	20.2	0.67	1351	28.5	0.77	2446	52.8	1.07
II(a). Hodgkin lymphomas	54	1.2	0.17	254	5.6	0.35	605	12.8	0.52	1425	30.8	0.81
II(b, c, e). Non-Hodgkin lymphomas	317	7.2	0.41	622	13.7	0.55	723	15.2	0.57	1001	21.6	0.68
III. CNS & misc. intracranial & intraspinal neoplasms	1787	40.8	0.96	1622	35.8	0.89	1248	26.3	0.74	1059	22.9	0.70
III(a). Ependymomas and choroids plexus tumor	240	5.5	0.35	100	2.2	0.22	83	1.7	0.19	66	1.4	0.18
III(b). Astrocytomas	751	17.1	0.63	732	16.2	0.60	655	13.8	0.54	561	12.1	0.51
III(c). Intracranial and intraspinal embryonal tumors	520	11.9	0.52	465	10.3	0.48	244	5.1	0.33	188	4.1	0.30
III(d). Other gliomas	205	4.7	0.33	275	6.1	0.37	220	4.6	0.31	189	4.1	0.30
IV. Neuroblastoma and other peripheral nervous cell tumors	1287	29.4	0.82	146	3.2	0.27	54	1.1	0.15	36	0.8	0.13
IV(a). Neuroblastoma & ganglioneuroblastoma	1281	29.2	0.82	145	3.2	0.27	49	1.0	0.15	16	0.3	0.09
V. Retinoblastoma	569	13.0	0.54	20	0.4	0.10	-	-	-	-	-	-
VI. Renal Tumors	799	18.2	0.64	191	4.2	0.31	57	1.2	0.16	58	1.3	0.16
VI(a). Nephroblastoma and other nonepithelial renal tumors	785	17.9	0.64	179	4.0	0.30	24	0.5	0.10	8	0.2	0.06
VII. Hepatic tumors	277	6.3	0.38	31	0.7	0.12	42	0.9	0.14	57	1.2	0.16
VII(a). Hepatoblastoma	267	6.1	0.37	18	0.4	0.09	13	0.3	0.08	-	-	-
VIII. Malignant bone tumors	59	1.3	0.18	229	5.1	0.33	637	13.4	0.53	849	18.3	0.63
VIII(a). Osteosarcomas	16	0.4	0.09	121	2.7	0.24	356	7.5	0.40	507	10.9	0.49
VIII(c). Ewing tumor and related sarcomas of bone	33	0.8	0.13	90	2.0	0.21	223	4.7	0.31	238	5.1	0.33
IX. Soft tissue and other extrasosseous sarcomas	581	13.3	0.55	376	8.3	0.43	577	12.2	0.51	783	16.9	0.60
IX(a). Rhabdomyosarcomas	367	8.4	0.44	224	4.9	0.33	179	3.8	0.28	206	4.4	0.31
X. Germ cell & trophoblastic tumors & neoplasms of gonads	299	6.8	0.39	60	1.3	0.17	273	5.8	0.35	1773	38.3	0.91
X(a). Intracranial & intraspinal germ cell tumors	27	0.6	0.12	47	1.0	0.15	174	3.7	0.28	179	3.9	0.29
X(c). Malignant gonadal germ cell tumors	148	3.4	0.28	6	0.1	0.05	77	1.6	0.18	1494	32.2	0.83
XI. Other malignant epithelial neoplasms and melanomas	100	2.3	0.23	153	3.4	0.27	478	10.1	0.46	1418	30.6	0.81
XI(b). Thyroid carcinomas	7	0.2	0.06	40	0.9	0.14	108	2.3	0.22	256	5.5	0.35
XI(d). Malignant melanomas	58	1.3	0.17	58	1.3	0.17	177	3.7	0.28	634	13.7	0.54
XII. Other & unspecified malignant neoplasms	54	1.2	0.17	14	0.3	0.08	22	0.5	0.10	46	1.0	0.15

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.
² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-specific Incidence Rates¹ for Pediatric Cancers
North America (NAACCR North American Combined²), 2000-2004, All Races, Females**

Sites	Ages 0-4			Ages 5-9			Ages 10-14			Ages 15-19		
	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.	Cases	Rate	S.E.
All Sites	8387	200.1	2.19	4535	105.1	1.56	5535	122.5	1.65	8675	197.9	2.13
I. Leukemias	2935	70.0	1.29	1554	36.0	0.91	1098	24.3	0.73	946	21.6	0.70
I(a). Lymphoid leukemias	2373	56.6	1.16	1292	29.9	0.83	744	16.5	0.60	462	10.5	0.49
I(b). Acute myeloid leukemias	428	10.2	0.49	188	4.4	0.32	275	6.1	0.37	370	8.4	0.44
II. Lymphomas & reticuloendothelial neoplasms	302	7.2	0.41	346	8.0	0.43	891	19.7	0.66	2043	46.6	1.03
II(a). Hodgkin lymphomas	21	0.5	0.11	91	2.1	0.22	510	11.3	0.50	1501	34.2	0.88
II(b, c, e). Non-Hodgkin lymphomas	173	4.1	0.31	241	5.6	0.36	370	8.2	0.43	531	12.1	0.53
III. CNS & misc. intracranial & intraspinal neoplasms	1538	36.7	0.94	1309	30.3	0.84	1090	24.1	0.73	871	19.9	0.67
III(a). Ependymomas and choroids plexus tumor	191	4.6	0.33	75	1.7	0.20	75	1.7	0.19	66	1.5	0.19
III(b). Astrocytomas	716	17.1	0.64	666	15.4	0.60	592	13.1	0.54	478	10.9	0.50
III(c). Intracranial and intraspinal embryonal tumors	376	9.0	0.46	236	5.5	0.36	154	3.4	0.27	118	2.7	0.25
III(d). Other gliomas	184	4.4	0.32	289	6.7	0.39	216	4.8	0.33	166	3.8	0.29
IV. Neuroblastoma and other peripheral nervous cell tumors	1153	27.5	0.81	147	3.4	0.28	65	1.4	0.18	25	0.6	0.11
IV(a). Neuroblastoma & ganglioneuroblastoma	1149	27.4	0.81	143	3.3	0.28	53	1.2	0.16	17	0.4	0.09
V. Retinoblastoma	481	11.5	0.52	17	0.4	0.10	-	-	-	-	-	-
VI. Renal Tumors	822	19.6	0.68	270	6.3	0.38	64	1.4	0.18	60	1.4	0.18
VI(a). Nephroblastoma and other nonepithelial renal tumors	814	19.4	0.68	259	6.0	0.37	41	0.9	0.14	11	0.3	0.08
VII. Hepatic tumors	229	5.5	0.36	21	0.5	0.11	23	0.5	0.11	40	0.9	0.14
VII(a). Hepatoblastoma	216	5.2	0.35	9	0.2	0.07	-	-	-	-	-	-
VIII. Malignant bone tumors	58	1.4	0.18	229	5.3	0.35	613	13.6	0.55	482	11.0	0.50
VIII(a). Osteosarcomas	15	0.4	0.09	124	2.9	0.26	386	8.5	0.44	255	5.8	0.36
VIII(c). Ewing tumor and related sarcomas of bone	37	0.9	0.15	94	2.2	0.22	183	4.1	0.30	148	3.4	0.28
IX. Soft tissue and other extrasosseous sarcomas	453	10.8	0.51	302	7.0	0.40	508	11.2	0.50	625	14.3	0.57
IX(a). Rhabdomyosarcomas	281	6.7	0.40	152	3.5	0.29	155	3.4	0.28	129	2.9	0.26
X. Germ cell & trophoblastic tumors & neoplasms of gonads	246	5.9	0.37	145	3.4	0.28	392	8.7	0.44	654	14.9	0.58
X(a). Intracranial & intraspinal germ cell tumors	21	0.5	0.11	44	1.0	0.15	66	1.5	0.18	29	0.7	0.12
X(c). Malignant gonadal germ cell tumors	16	0.4	0.10	91	2.1	0.22	269	6.0	0.36	390	8.9	0.45
XI. Other malignant epithelial neoplasms and melanomas	109	2.6	0.25	180	4.2	0.31	753	16.7	0.61	2858	65.2	1.22
XI(b). Thyroid carcinomas	13	0.3	0.09	64	1.5	0.19	352	7.8	0.42	1352	30.8	0.84
XI(d). Malignant melanomas	43	1.0	0.16	59	1.4	0.18	169	3.7	0.29	897	20.5	0.68
XII. Other & unspecified malignant neoplasms	61	1.5	0.19	15	0.3	0.09	35	0.8	0.13	70	1.6	0.19

¹ Rates are **per million**. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-14)
North America (NAACCR North American Combined²), 2000-2004, All Races, Males**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	21657	158.6	1.08	159.1	1.08	165.0	1.13		
I. Leukemias	6848	50.3	0.61	50.9	0.62	53.6	0.65		
I(a). Lymphoid leukemias	5424	39.9	0.54	40.5	0.55	42.7	0.59		
I(b). Acute myeloid leukemias	1047	7.7	0.24	7.7	0.24	8.0	0.25		
II. Lymphomas & reticuloendothelial neoplasms	2763	20.2	0.38	20.1	0.38	19.2	0.37		
II(a). Hodgkin lymphomas	913	6.6	0.22	6.6	0.22	6.0	0.20		
II(b, c, e). Non-Hodgkin lymphomas	1662	12.2	0.30	12.1	0.30	11.7	0.29		
III. CNS & misc. intracranial & intraspinal neoplasms	4657	34.2	0.50	34.3	0.50	35.0	0.52		
III(a). Ependymomas and choroids plexus tumor	423	3.1	0.15	3.1	0.15	3.3	0.16		
III(b). Astrocytomas	2138	15.7	0.34	15.7	0.34	15.9	0.35		
III(c). Intracranial and intraspinal embryonal tumors	1229	9.0	0.26	9.1	0.26	9.4	0.27		
III(d). Other gliomas	700	5.1	0.19	5.1	0.19	5.1	0.20		
IV. Neuroblastoma and other peripheral nervous cell tumors	1487	10.9	0.28	10.9	0.28	12.7	0.33		
IV(a). Neuroblastoma & ganglioneuroblastoma	1475	10.8	0.28	10.8	0.28	12.6	0.33		
V. Retinoblastoma	593	4.3	0.18	4.3	0.18	5.2	0.21		
VI. Renal Tumors	1047	7.7	0.24	7.8	0.24	8.8	0.27		
VI(a). Nephroblastoma and other nonepithelial renal tumors	988	7.3	0.23	7.4	0.24	8.4	0.27		
VII. Hepatic tumors	350	2.6	0.14	2.6	0.14	2.9	0.16		
VII(a). Hepatoblastoma	298	2.2	0.13	2.2	0.13	2.6	0.15		
VIII. Malignant bone tumors	925	6.7	0.22	6.7	0.22	6.1	0.20		
VIII(a). Osteosarcomas	493	3.6	0.16	3.5	0.16	3.2	0.14		
VIII(c). Ewing tumor and related sarcomas of bone	346	2.5	0.14	2.5	0.13	2.3	0.12		
IX. Soft tissue and other extrasosseous sarcomas	1534	11.2	0.29	11.2	0.29	11.3	0.29		
IX(a). Rhabdomyosarcomas	770	5.7	0.20	5.7	0.21	5.9	0.22		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	632	4.6	0.18	4.5	0.18	4.7	0.19		
X(a). Intracranial & intraspinal germ cell tumors	248	1.8	0.11	1.8	0.11	1.6	0.10		
X(c). Malignant gonadal germ cell tumors	231	1.7	0.11	1.7	0.11	1.8	0.12		
XI. Other malignant epithelial neoplasms and melanomas	731	5.3	0.20	5.2	0.19	4.9	0.18		
XI(b). Thyroid carcinomas	155	1.1	0.09	1.1	0.09	1.0	0.08		
XI(d). Malignant melanomas	293	2.1	0.12	2.1	0.12	2.0	0.12		
XII. Other & unspecified malignant neoplasms	90	0.7	0.07	0.7	0.07	0.7	0.08		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-14)
North America (NAACCR North American Combined²), 2000-2004, All Races, Females**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	18457	141.6	1.04	141.9	1.05	146.9	1.09		
I. Leukemias	5587	43.0	0.58	43.4	0.58	45.8	0.62		
I(a). Lymphoid leukemias	4409	34.0	0.51	34.4	0.52	36.4	0.55		
I(b). Acute myeloid leukemias	891	6.8	0.23	6.8	0.23	7.1	0.24		
II. Lymphomas & reticuloendothelial neoplasms	1539	11.7	0.30	11.7	0.30	11.1	0.29		
II(a). Hodgkin lymphomas	622	4.7	0.19	4.7	0.19	4.2	0.17		
II(b, c, e). Non-Hodgkin lymphomas	784	6.0	0.21	6.0	0.21	5.8	0.21		
III. CNS & misc. intracranial & intraspinal neoplasms	3937	30.3	0.48	30.4	0.48	31.0	0.50		
III(a). Ependymomas and choroids plexus tumor	341	2.6	0.14	2.6	0.14	2.8	0.15		
III(b). Astrocytomas	1974	15.2	0.34	15.2	0.34	15.4	0.35		
III(c). Intracranial and intraspinal embryonal tumors	766	5.9	0.21	5.9	0.21	6.2	0.23		
III(d). Other gliomas	689	5.3	0.20	5.3	0.20	5.3	0.20		
IV. Neuroblastoma and other peripheral nervous cell tumors	1365	10.5	0.28	10.5	0.28	12.1	0.33		
IV(a). Neuroblastoma & ganglioneuroblastoma	1345	10.3	0.28	10.3	0.28	12.0	0.33		
V. Retinoblastoma	501	3.8	0.17	3.8	0.17	4.6	0.20		
VI. Renal Tumors	1156	8.9	0.26	9.1	0.27	10.0	0.30		
VI(a). Nephroblastoma and other nonepithelial renal tumors	1114	8.6	0.26	8.7	0.26	9.7	0.29		
VII. Hepatic tumors	273	2.1	0.13	2.1	0.13	2.4	0.15		
VII(a). Hepatoblastoma	229	1.8	0.12	1.8	0.12	2.1	0.14		
VIII. Malignant bone tumors	900	6.9	0.23	6.8	0.23	6.2	0.21		
VIII(a). Osteosarcomas	525	4.0	0.17	4.0	0.17	3.5	0.16		
VIII(c). Ewing tumor and related sarcomas of bone	314	2.4	0.14	2.4	0.13	2.2	0.13		
IX. Soft tissue and other extraosseous sarcomas	1263	9.7	0.27	9.6	0.27	9.7	0.28		
IX(a). Rhabdomyosarcomas	588	4.5	0.19	4.6	0.19	4.7	0.20		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	783	6.0	0.21	5.9	0.21	5.9	0.21		
X(a). Intracranial & intraspinal germ cell tumors	131	1.0	0.09	1.0	0.09	0.9	0.08		
X(c). Malignant gonadal germ cell tumors	376	2.9	0.15	2.8	0.15	2.6	0.13		
XI. Other malignant epithelial neoplasms and melanomas	1042	7.9	0.25	7.8	0.24	7.2	0.22		
XI(b). Thyroid carcinomas	429	3.3	0.16	3.2	0.16	2.9	0.14		
XI(d). Malignant melanomas	271	2.1	0.13	2.0	0.12	1.9	0.12		
XII. Other & unspecified malignant neoplasms	111	0.8	0.08	0.8	0.08	0.9	0.09		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-19)
North America (NAACCR North American Combined²), 2000-2004, All Races, Males**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	31773	173.6	0.97	174.0	0.98	177.0	1.01		
I. Leukemias	8437	46.3	0.50	46.7	0.51	49.3	0.54		
I(a). Lymphoid leukemias	6397	35.2	0.44	35.6	0.44	37.9	0.48		
I(b). Acute myeloid leukemias	1488	8.1	0.21	8.1	0.21	8.3	0.22		
II. Lymphomas & reticuloendothelial neoplasms	5209	28.4	0.39	28.3	0.39	26.7	0.37		
II(a). Hodgkin lymphomas	2338	12.7	0.26	12.7	0.26	11.6	0.24		
II(b, c, e). Non-Hodgkin lymphomas	2663	14.5	0.28	14.5	0.28	13.9	0.27		
III. CNS & misc. intracranial & intraspinal neoplasms	5716	31.3	0.41	31.4	0.42	32.3	0.43		
III(a). Ependymomas and choroids plexus tumor	489	2.7	0.12	2.7	0.12	2.9	0.13		
III(b). Astrocytomas	2699	14.8	0.28	14.8	0.29	15.0	0.29		
III(c). Intracranial and intraspinal embryonal tumors	1417	7.8	0.21	7.8	0.21	8.2	0.22		
III(d). Other gliomas	889	4.9	0.16	4.9	0.16	4.9	0.17		
IV. Neuroblastoma and other peripheral nervous cell tumors	1523	8.3	0.21	8.3	0.21	10.0	0.26		
IV(a). Neuroblastoma & ganglioneuroblastoma	1491	8.2	0.21	8.2	0.21	9.8	0.26		
V. Retinoblastoma	595	3.3	0.13	3.3	0.13	4.0	0.16		
VI. Renal Tumors	1105	6.1	0.18	6.2	0.19	7.1	0.21		
VI(a). Nephroblastoma and other nonepithelial renal tumors	996	5.5	0.17	5.6	0.18	6.5	0.21		
VII. Hepatic tumors	407	2.2	0.11	2.2	0.11	2.5	0.13		
VII(a). Hepatoblastoma	299	1.6	0.09	1.6	0.10	2.0	0.12		
VIII. Malignant bone tumors	1774	9.6	0.23	9.6	0.23	8.8	0.21		
VIII(a). Osteosarcomas	1000	5.4	0.17	5.4	0.17	4.9	0.16		
VIII(c). Ewing tumor and related sarcomas of bone	584	3.2	0.13	3.2	0.13	2.9	0.12		
IX. Soft tissue and other extraosseous sarcomas	2317	12.6	0.26	12.6	0.26	12.6	0.26		
IX(a). Rhabdomyosarcomas	976	5.3	0.17	5.4	0.17	5.6	0.18		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	2405	13.1	0.27	13.0	0.27	12.3	0.25		
X(a). Intracranial & intraspinal germ cell tumors	427	2.3	0.11	2.3	0.11	2.1	0.10		
X(c). Malignant gonadal germ cell tumors	1725	9.4	0.23	9.4	0.23	8.7	0.21		
XI. Other malignant epithelial neoplasms and melanomas	2149	11.7	0.25	11.6	0.25	10.7	0.23		
XI(b). Thyroid carcinomas	411	2.2	0.11	2.2	0.11	2.0	0.10		
XI(d). Malignant melanomas	927	5.0	0.17	5.0	0.16	4.6	0.15		
XII. Other & unspecified malignant neoplasms	136	0.7	0.06	0.7	0.06	0.8	0.07		

¹ Rates are per million population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.

**Total Cancer Cases and Average Annual Age-adjusted Incidence Rates¹ for Pediatric Cancers (Ages 0-19)
North America (NAACCR North American Combined²), 2000-2004, All Races, Females**

Sites	2000 U.S.			1996 Cdn			World		
	Cases	Rate	S.E.	Rate	S.E.	Rate	S.E.		
All Sites	27132	155.8	0.95	156.0	0.95	158.4	0.97		
I. Leukemias	6533	37.6	0.47	37.9	0.47	40.4	0.51		
I(a). Lymphoid leukemias	4871	28.1	0.40	28.4	0.41	30.6	0.44		
I(b). Acute myeloid leukemias	1261	7.2	0.20	7.2	0.20	7.4	0.21		
II. Lymphomas & reticuloendothelial neoplasms	3582	20.5	0.34	20.5	0.34	19.1	0.32		
II(a). Hodgkin lymphomas	2123	12.1	0.26	12.1	0.26	10.9	0.24		
II(b, c, e). Non-Hodgkin lymphomas	1315	7.5	0.21	7.5	0.21	7.2	0.20		
III. CNS & misc. intracranial & intraspinal neoplasms	4808	27.7	0.40	27.7	0.40	28.5	0.42		
III(a). Ependymomas and choroids plexus tumor	407	2.3	0.12	2.4	0.12	2.5	0.13		
III(b). Astrocytomas	2452	14.1	0.28	14.1	0.29	14.4	0.29		
III(c). Intracranial and intraspinal embryonal tumors	884	5.1	0.17	5.1	0.17	5.4	0.18		
III(d). Other gliomas	855	4.9	0.17	4.9	0.17	4.9	0.17		
IV. Neuroblastoma and other peripheral nervous cell tumors	1390	8.0	0.21	8.0	0.21	9.5	0.26		
IV(a). Neuroblastoma & ganglioneuroblastoma	1362	7.8	0.21	7.8	0.21	9.4	0.25		
V. Retinoblastoma	502	2.9	0.13	2.9	0.13	3.5	0.16		
VI. Renal Tumors	1216	7.0	0.20	7.1	0.20	8.1	0.23		
VI(a). Nephroblastoma and other nonepithelial renal tumors	1125	6.5	0.19	6.6	0.20	7.6	0.23		
VII. Hepatic tumors	313	1.8	0.10	1.8	0.10	2.1	0.12		
VII(a). Hepatoblastoma	230	1.3	0.09	1.3	0.09	1.6	0.11		
VIII. Malignant bone tumors	1382	7.9	0.21	7.9	0.21	7.3	0.20		
VIII(a). Osteosarcomas	780	4.5	0.16	4.4	0.16	4.1	0.15		
VIII(c). Ewing tumor and related sarcomas of bone	462	2.6	0.12	2.6	0.12	2.5	0.12		
IX. Soft tissue and other extrasosseous sarcomas	1888	10.8	0.25	10.8	0.25	10.7	0.25		
IX(a). Rhabdomyosarcomas	717	4.1	0.15	4.1	0.16	4.3	0.16		
X. Germ cell & trophoblastic tumors & neoplasms of gonads	1437	8.2	0.22	8.2	0.22	7.9	0.21		
X(a). Intracranial & intraspinal germ cell tumors	160	0.9	0.07	0.9	0.07	0.9	0.07		
X(c). Malignant gonadal germ cell tumors	766	4.4	0.16	4.4	0.16	4.0	0.14		
XI. Other malignant epithelial neoplasms and melanomas	3900	22.3	0.36	22.3	0.36	20.2	0.33		
XI(b). Thyroid carcinomas	1781	10.2	0.24	10.2	0.24	9.2	0.22		
XI(d). Malignant melanomas	1168	6.7	0.20	6.7	0.20	6.1	0.18		
XII. Other & unspecified malignant neoplasms	181	1.0	0.08	1.0	0.08	1.1	0.08		

¹ Rates are **per million** population and are age-adjusted by five-year age groups to the 2000 U.S. standard population based on single years of age, 1996 Canadian population and World population standards. Counts and rates are suppressed when fewer than 6 cases were reported for the specific cancer. The suppressed cases, however, are included in the counts and rates for All Sites combined.

² See Technical Notes, Section I, for NAACCR area inclusion criteria for the combined cancer statistics.