

Table XXVIII-1

AGE-ADJUSTED AND AGE-SPECIFIC SEER CANCER INCIDENCE RATES, 1975-2000^a

By International Classification of Childhood Cancer (ICCC) Group and Subgroup and Age

All Races, Males and Females

<u>ICCC Group and Subgroup</u>	<u>0-14</u>	<u>0-19</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>
All Groups Combined	138.4	153.4	222.8	186.8	107.1	116.8	198.2
I Leukemia	42.0	37.2	35.9	76.6	35.0	23.9	23.0
I(a) Lymphoid leukemia	33.1	27.8	18.7	65.1	28.7	15.9	12.0
Acute lymphoblastic leukemia (ALL)	32.7	27.4	18.2	64.6	28.3	15.7	11.7
Lymphoid excluding ALL	0.4	0.4	0.4	0.6	0.4	0.2	0.3
I(b) Acute non-lymphocytic leukemia	6.3	6.7	11.4	8.0	4.4	6.0	7.7
I(c) Chronic myeloid leukemia	0.9	1.2	2.0	0.8	0.6	1.0	2.1
I(d) Other specified leukemias	0.2	0.2	1.1	0.4	0.1	0.1	0.2
I(e) Unspecified leukemias	1.5	1.4	2.8	2.3	1.3	0.9	0.9
II Lymphomas and reticuloendothelial neo.	14.8	24.0	3.4	7.6	13.1	24.1	51.3
II(a) Hodgkin lymphoma	6.0	13.6	0.3	0.5	4.1	13.2	36.2
II(b) Non-Hodgkin lymphoma	5.4	7.0	1.3	4.0	5.4	7.1	12.0
II(c) Burkitt's lymphoma	2.3	2.1	0.0	2.0	2.7	2.5	1.5
II(d) Miscellaneous lymphoreticular neo.	0.4	0.3	1.5	0.4	0.2	0.3	0.3
II(e) Unspecified lymphomas	0.8	0.9	0.2	0.6	0.8	1.1	1.4
III CNS and misc intracranial and intraspinal neo.	29.0	26.5	29.3	34.5	29.8	24.0	19.1
III(a) Ependymoma	2.7	2.2	4.4	5.3	1.6	1.5	0.9
III(b) Astrocytoma	14.4	13.7	11.2	14.4	14.9	14.3	11.9
III(c) Primitive neuroectodermal tumors	6.5	5.4	8.6	9.0	7.1	3.6	2.0
III(d) Other gliomas	4.8	4.5	3.4	5.1	5.6	4.1	3.6
III(e) Misc intracranial and intraspinal neo.	0.1	0.1	0.1	0.1	0.1	0.1	0.2
III(f) Unspecified intracranial and intraspinal neo.	0.6	0.5	1.6	0.6	0.4	0.4	0.4
IV Sympathetic nervous system tumors	10.5	8.1	62.0	20.0	3.0	1.1	1.0
IV(a) Neuroblastoma and ganglioneuroblastoma	10.2	7.8	60.9	19.6	2.9	0.7	0.6
IV(b) Other sympathetic nervous system tumors	0.3	0.3	1.1	0.4	0.1	0.3	0.3
V Retinoblastoma	4.0	3.0	27.1	8.1	0.6	0.1	0.1
VI Renal tumors	8.6	6.8	20.4	18.9	5.9	1.3	1.2
VI(a) Wilms' tumor, rhabdoid and clear cell sarc.	8.4	6.3	20.4	18.8	5.7	0.9	0.3
VI(b) Renal carcinoma	0.3	0.4	0.0	0.2	0.2	0.4	0.9
VI(c) Unspecified malignant renal tumors	0.0	0.0	0.0	0.0	0.0	0.0	0.0

^a SEER 9 areas. Rates are per 1,000,000 and are age-adjusted to the 2000 U.S. standard by 5-year age groups.

- Statistic could not be calculated.

Neoplasms are abbreviated as neo. Sarcomas are abbreviated as sarc.

Table XXVIII-1(cont'd)

AGE-ADJUSTED AND AGE-SPECIFIC SEER CANCER INCIDENCE RATES, 1975-2000^a

By International Classification of Childhood Cancer(ICCC) Group and Subgroup and Age

All Races, Males and Females

<u>ICCC Group and Subgroup</u>	<u>0-14</u>	<u>0-19</u>	<u><1</u>	<u>1-4</u>	<u>5-9</u>	<u>10-14</u>	<u>15-19</u>
VII Hepatic tumors	1.9	1.7	9.3	3.5	0.6	0.7	0.9
VII(a) Hepatoblastoma	1.5	1.2	8.9	3.3	0.3	0.1	0.1
VII(b) Hepatic carcinoma	0.3	0.5	0.3	0.1	0.3	0.6	0.9
VII(c) Unspecified malignant hepatic tumors	0.0	0.0	0.1	0.1	0.0	0.0	0.0
VIII Malignant bone tumors	6.5	8.5	0.3	1.5	5.0	12.9	14.7
VIII(a) Osteosarcoma	3.5	4.6	0.0	0.6	2.4	7.5	8.1
VIII(b) Chondrosarcoma	0.3	0.5	0.0	0.1	0.1	0.6	1.2
VIII(c) Ewing's sarcoma	2.4	3.0	0.1	0.7	2.3	4.3	4.7
VIII(d) Other specified malignant bone tumors	0.2	0.3	0.1	0.1	0.1	0.4	0.5
VIII(e) Unspecified malignant bone tumors	0.1	0.1	0.1	0.0	0.1	0.1	0.2
IX Soft-tissue sarcomas	10.0	11.4	13.9	9.9	8.6	10.7	15.5
IX(a) Rhabdomyosarcoma and embryonal sarcoma	4.8	4.4	5.9	6.8	4.9	3.0	3.5
IX(b) Fibrosarc., neurofibrosarc. and oth fibromatous neo.	2.2	3.1	4.2	1.3	1.4	3.4	5.5
IX(c) Kaposi's sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.2
IX(d) Other specified soft-tissue sarcomas	2.1	2.7	3.0	1.1	1.7	3.0	4.5
IX(e) Unspecified soft-tissue sarcomas	0.9	1.1	0.8	0.6	0.6	1.4	1.8
X Germ-cell, trophoblastic and other gonadal neo.	4.7	10.5	14.3	3.9	2.0	6.2	27.7
X(a) Intracranial and intraspinal germ-cell tumors	1.0	1.3	1.5	0.2	0.9	1.8	2.0
X(b) Other and unspecified non-gonadal germ-cell tumors	1.3	1.6	8.9	2.0	0.1	0.5	2.5
X(c) Gonadal germ-cell tumors	2.1	6.3	3.8	1.7	0.9	3.2	18.9
X(d) Gonadal carcinomas	0.2	1.0	0.0	0.0	0.0	0.5	3.6
X(e) Other and unspecified malignant gonadal tumors	0.1	0.2	0.1	0.1	0.1	0.2	0.6
XI Carcinomas and other malignant epithelial neo.	5.3	14.5	3.6	1.1	3.0	11.0	42.0
XI(a) Adrenocortical carcinoma	0.2	0.2	0.9	0.3	0.2	0.1	0.3
XI(b) Thyroid carcinoma	1.8	5.2	0.1	0.1	1.0	4.1	15.3
XI(c) Nasopharyngeal carcinoma	0.3	0.5	0.2	0.1	0.0	0.7	1.3
XI(d) Malignant melanoma	1.5	4.6	1.4	0.5	0.9	2.8	14.0
XI(e) Skin carcinoma	0.0	0.0	0.0	0.0	0.0	0.1	0.1
XI(f) Other and unspecified carcinomas	1.5	3.9	1.0	0.2	0.9	3.2	11.0
XII Other and unspecified malignant neo.	0.6	0.8	1.3	0.6	0.3	0.7	1.6
XII(a) Other specified malignant tumors	0.2	0.3	0.4	0.1	0.1	0.2	0.5
XII(b) Other unspecified malignant tumors	0.4	0.6	0.9	0.5	0.2	0.4	1.1
Not classified by ICCC	0.4	0.3	2.0	0.7	0.1	0.1	0.1

^a SEER 9 areas. Rates are per 1,000,000 and are age-adjusted to the 2000 U.S. standard by 5-year age groups.
 - Statistic could not be calculated.
 Neoplasms are abbreviated as neo. Sarcomas are abbreviated as sarc.

Table XXVIII-2

AGE-ADJUSTED SEER CANCER INCIDENCE RATES, 1975-1980, 1981-1986, 1987-1992, 1993-2000^a

By International Classification of Childhood Cancer (ICCC) Selected Group and Subgroup and Year of Diagnosis

All Races, Males and Females, Ages 0-19

<u>ICCC Group and Subgroup</u>	<u>1975-1980</u>	<u>1981-1986</u>	<u>1987-1992</u>	<u>1993-2000</u>
All Groups Combined	141.6	150.6	159.1	160.0
I Leukemia	34.0	37.1	38.4	38.7
I(a) Lymphoid leukemia	24.4	27.9	29.1	29.1
Acute lymphoblastic leukemia (ALL)	23.9	27.7	28.8	28.7
I(b) Acute non-lymphocytic leukemia	6.0	6.2	6.5	7.5
II Lymphomas and reticuloendothelial neo.	24.0	24.8	24.7	23.2
II(a) Hodgkin lymphoma	14.4	14.1	14.2	12.3
II(b,c,e) Non-Hodgkin lymphoma	9.1	10.1	10.2	10.8
III CNS and misc intracranial and intraspinal neo.	23.7	24.7	29.6	27.5
III(a) Ependymoma	1.9	1.9	2.8	2.3
III(b) Astrocytoma	12.3	12.6	15.8	14.0
III(c) Primitive neuroectodermal tumors	4.7	5.0	5.4	6.0
III(d) Other gliomas	4.0	4.4	5.1	4.6
IV Sympathetic nervous system tumors	7.7	8.3	7.8	8.5
IV(a) Neuroblastoma and ganglioneuroblastoma	7.6	7.7	7.5	8.1
V Retinoblastoma	2.8	2.9	3.1	3.3
VI Renal tumors	6.3	6.8	6.6	7.2
VI(a) Wilms' tumor, rhabdoid and clear cell sarcoma	5.9	6.6	6.2	6.6
VII Hepatic tumors	1.2	1.6	1.7	2.0
VII(a) Hepatoblastoma	0.7	1.1	1.3	1.5
VIII Malignant bone tumors	7.7	9.0	8.7	8.8
VIII(a) Osteosarcoma	3.8	4.9	4.9	4.9
VIII(c) Ewing's sarcoma	2.8	3.6	2.8	2.9
IX Soft-tissue sarcomas	10.4	11.0	11.4	12.4
IX(a) Rhabdomyosarcoma and embryonal sarcoma	4.2	4.1	4.7	4.7
X Germ-cell, trophoblastic and other gonadal neo.	8.7	9.9	11.4	11.7
X(a) Intracranial and intraspinal germ-cell tumors	0.8	1.1	1.3	1.8
X(c) Gonadal germ-cell tumors	5.5	6.4	6.6	6.8
XI Carcinomas and other malignant epithelial neo.	14.0	13.5	14.6	15.7
XI(b) Thyroid carcinoma	4.7	5.2	5.2	5.6
XI(d) Malignant melanoma	4.4	3.8	5.3	5.0

^a SEER 9 areas. Rates are per 1,000,000 and are age-adjusted to the 2000 U.S. standard by 5-year age groups.
 - Statistic could not be calculated.
 Neoplasms are abbreviated as neo.

Table XXVIII-3

AGE-ADJUSTED SEER CANCER INCIDENCE TRENDS, 1975-2000, 1975-1986, 1987-2000^a

By International Classification of Childhood Cancer (ICCC) Selected Group and Subgroup

All Races, Males and Females

ICCC Group and Subgroup	Ages 0-14				Ages 0-19			
	% Change 1975-2000	APC 1975-2000	APC 1975-1986	APC 1987-2000	% Change 1975-2000	APC 1975-2000	APC 1975-1986	APC 1987-2000
All Groups Combined	31.7	0.7 ^b	1.3 ^b	0.3 ^c	29.6	0.7 ^b	1.4 ^b	0.2 ^c
I Leukemia	39.6	0.7 ^b	1.5 ^b	0.4	35.5	0.7 ^b	1.4 ^b	0.5
I(a) Lymphoid leukemia	52.6	0.9 ^b	1.9 ^b	0.4	54.3	0.9 ^b	2.1 ^b	0.4 ^d
Acute lymphoblastic leukemia (ALL)	56.4	0.9 ^b	2.2 ^b	0.3 ^d	56.9	0.9 ^b	2.4 ^b	0.4 ^c
I(b) Acute non-lymphocytic leukemia	46.4	1.5 ^b	2.1	2.0	34.6	1.4 ^b	1.7	2.4 ^b
II Lymphomas and reticuloendothelial neo.	-10.0	-0.6 ^b	-0.9	-0.5	-2.9	-0.2	0.3	-0.6
II(a) Hodgkin lymphoma	-9.4	-1.1 ^b	-1.8	-1.3	-24.6	-0.8 ^b	-0.5	-1.6
II(b,c,e) Non-Hodgkin lymphoma	-5.1	0.1	0.1	0.2	34.0	0.8 ^b	1.5	0.9
III CNS & misc intracranial & intraspinal neo.	51.9	1.1 ^b	1.8	-0.6 ^c	47.3	0.9 ^b	1.7	-0.8 ^c
III(a) Ependymoma	161.7	1.4	1.1	-1.2	133.5	1.3	0.4	-1.3
III(b) Astrocytoma	41.3	1.2 ^b	1.5	-1.3 ^d	27.9	0.8	1.5	-1.8 ^{bc}
III(c) Primitive neuroectodermal tum.	137.5	1.3 ^b	0.7	1.8	158.9	1.2 ^b	1.4	1.6 ^b
III(d) Other gliomas	22.9	0.4	3.8	-1.1 ^d	59.9	1.0 ^b	2.9	-0.2
IV Sympathetic nervous system tum.	9.5	0.2	0.7	0.3	9.4	0.3	0.9	0.2
IV(a) Neuroblastoma and ganglioneuroblastoma	6.0	0.3	0.1	0.4	6.1	0.2	0.2	0.3
V Retinoblastoma	6.1	0.7	1.3	0.0	6.1	0.8	1.3	0.0
VI Renal tum.	60.3	0.6	1.4	0.6	56.3	0.7	1.3	0.7
VI(a) Wilms' tum., rhabdoid & clear cell sarcoma	61.6	0.5	1.6	0.5	61.6	0.5	1.7	0.4
VII Hepatic tum.	253.0	2.6 ^b	4.9	4.0	274.4	2.6 ^b	4.5	4.2
VII(a) Hepatoblastoma	525.1	3.5 ^b	7.3	4.6 ^b	525.1	3.3 ^b	7.3	4.3 ^b
VIII Malignant bone tum.	31.1	0.5	3.4 ^b	0.0 ^d	6.6	0.5	2.9 ^b	-0.4 ^d
VIII(a) Osteosarcoma	77.8	1.3 ^b	4.5 ^b	0.5 ^d	35.2	1.0 ^b	4.2 ^b	-0.3 ^c
VIII(c) Ewing's sarcoma	28.7	-0.6	4.6	-0.3	3.3	-0.3	4.3	-0.5
IX Soft-tissue sarcomas	54.6	1.1 ^b	2.1	1.2	82.0	1.1 ^b	2.3	1.5 ^b
IX(a) Rhabdomyosarcoma and embryonal sarcoma	52.3	0.7	1.6	-0.7	51.1	0.6	1.6	-1.3
X Germ-cell, trophoblastic & other gonadal neo.	10.9	1.6 ^b	1.2	0.6	24.9	1.5 ^b	1.6	0.2
X(a) Intracranial and intraspinal germ-cell tum.	22.6	-	-	4.1	45.4	3.7 ^b	4.1	2.8
X(c) Gonadal germ-cell tum.	-9.0	-0.6	-1.0	-0.3	42.4	0.9 ^b	1.9	0.5
XI Carcinomas and other malignant epithelial neo.	13.3	0.8	-0.1	2.7 ^b	31.1	0.8 ^b	0.6	1.1
XI(b) Thyroid carcinoma	32.3	0.1	0.5	0.8	68.3	0.9 ^b	1.2	1.7
XI(d) Malignant melanoma	61.5	1.5	-1.2	1.4	54.5	1.0	0.3	-0.5

^a The APC is the Annual Percent Change over the time interval.

^b SEER 9 areas.

^c The APC is significantly different from zero (p<.05).

^d The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.05).

^e The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.10).

- Statistic could not be calculated.

Neoplasms are abbreviated as neo. Tumors are abbreviated as tum.

Table XXVIII-4

AGE-ADJUSTED SEER CANCER INCIDENCE TRENDS, 1975-2000, 1975-1986, 1987-2000^a

By International Classification of Childhood Cancer (ICCC) Selected Group and Subgroup

All Races, Males

ICCC Group and Subgroup	Ages 0-14				Ages 0-19			
	% Change	APC	APC	APC	% Change	APC	APC	APC
	1975-2000	1975-2000	1975-1986	1987-2000	1975-2000	1975-2000	1975-1986	1987-2000
All Groups Combined	25.1	0.7 ^b	1.4 ^b	0.2 ^c	27.1	0.7 ^b	1.7 ^b	0.1 ^c
I Leukemia	20.5	0.8 ^b	1.4	0.5	15.5	0.6 ^b	1.3 ^b	0.5
I(a) Lymphoid leukemia	30.4	0.9 ^b	1.8 ^b	0.2	33.0	0.9 ^b	2.3 ^b	0.2 ^d
Acute lymphoblastic leukemia (ALL)	32.4	0.9 ^b	2.1 ^b	0.2	34.8	0.9 ^b	2.7 ^b	0.2 ^c
I(b) Acute non-lymphocytic leukemia	48.6	2.0 ^b	3.1	4.2 ^b	21.0	1.4 ^b	1.1	4.2 ^b
II Lymphomas and reticuloendothelial neo.	-11.5	-0.6	-0.2	-0.6	0.0	-0.2	0.8	-0.5
II(a) Hodgkin lymphoma	-2.7	-1.5 ^b	-0.4	-2.5	-32.5	-1.2 ^b	0.0	-2.4 ^b
II(b,c,e) Non-Hodgkin lymphoma	-13.4	0.1	0.0	0.5	43.1	0.9 ^b	1.6	1.4
III CNS & misc intracranial & intraspinal neo.	59.6	1.2 ^b	2.7 ^b	-0.7 ^c	49.5	1.0 ^b	2.6 ^b	-0.7 ^c
III(a) Ependymoma	115.5	1.2	-1.3	-2.4	115.5	1.1	-1.5	-2.1
III(b) Astrocytoma	46.6	1.2 ^b	2.1	-1.5 ^d	26.8	0.7	2.1	-1.8 ^c
III(c) Primitive neuroectodermal tum.	355.4	1.4 ^b	0.6	1.6	350.2	1.3 ^b	1.3	1.4
III(d) Other gliomas	-17.7	0.6	7.9 ^b	-1.2 ^c	25.2	1.3	5.5	0.0 ^d
IV Sympathetic nervous system tum.	1.9	0.2	0.4	-1.1	2.0	0.3	0.7	-1.3
IV(a) Neuroblastoma and ganglioneuroblastoma	-5.4	0.2	-0.4	-1.1	-5.0	0.2	-0.2	-1.3
V Retinoblastoma	38.1	1.1	1.1	-1.0	38.1	1.1	1.1	-1.2
VI Renal tum.	31.5	0.8	3.2	0.1	29.0	0.8	2.3	0.5
VI(a) Wilms' tum., rhabdoid & clear cell sarcoma	42.3	0.8	3.7	0.3	42.3	0.7	3.6	0.3
VII Hepatic tum.	122.0	3.0 ^b	4.7	3.0	150.5	3.1 ^b	3.0	3.2
VII(a) Hepatoblastoma	149.1	3.3 ^b	7.1	3.4	149.1	3.3 ^b	6.8	3.1
VIII Malignant bone tum.	27.6	1.2	5.3 ^b	2.2	23.3	1.3 ^b	4.3 ^b	1.2
VIII(a) Osteosarcoma	69.9	1.8 ^b	8.2 ^b	2.5	80.2	1.8 ^b	7.8 ^b	1.3 ^c
VIII(c) Ewing's sarcoma	55.5	0.5	5.2	2.9	6.1	0.4	3.1	2.1
IX Soft-tissue sarcomas	62.6	1.2 ^b	1.2	0.8	84.3	1.2 ^b	1.5	0.6
IX(a) Rhabdomyosarcoma and embryonal sarcoma	75.4	1.0	2.9	-0.5	49.6	0.6	2.5	-1.9 ^d
X Germ-cell, trophoblastic & other gonadal neo.	6.4	1.8	-0.7	1.9	67.2	1.4 ^b	2.3	1.0
X(a) Intracranial and intraspinal germ-cell tum.	28.8	-	-	6.2	51.1	4.1 ^b	2.9	3.8
X(c) Gonadal germ-cell tum. (testis)	-33.6	-1.0	-3.2	-1.6	81.6	1.0	2.1	1.3
XI Carcinomas and other malignant epithelial neo.	19.9	0.9	-1.5	3.0	29.0	0.7	1.5	1.0
XI(b) Thyroid carcinoma	50.8	-	-	-	3.2	-0.3	2.8	2.5
XI(d) Malignant melanoma	64.4	0.6	-5.3	2.2	63.6	1.2	0.7	0.2

The APC is the Annual Percent Change over the time interval.

^a SEER 9 areas.

^b The APC is significantly different from zero (p<.05).

^c The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.05).

^d The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.10).

- Statistic could not be calculated.

Neoplasms are abbreviated as neo. Tumors are abbreviated as tum.

Table XXVIII-5

AGE-ADJUSTED SEER CANCER INCIDENCE TRENDS, 1975-2000, 1975-1986, 1987-2000^a

By International Classification of Childhood Cancer (ICCC) Selected Group and Subgroup

All Races, Females

ICCC Group and Subgroup	Ages 0-14				Ages 0-19			
	% Change	APC	APC	APC	% Change	APC	APC	APC
	1975-2000	1975-2000	1975-1986	1987-2000	1975-2000	1975-2000	1975-1986	1987-2000
All Groups Combined	40.1	0.6 ^b	1.1	0.4	32.6	0.6 ^b	1.0	0.3
I Leukemia	70.0	0.7	1.7	0.2	66.8	0.7 ^b	1.7	0.4
I(a) Lymphoid leukemia	85.8	0.8 ^b	2.2	0.6	85.1	0.9 ^b	2.0	0.7
Acute lymphoblastic leukemia (ALL)	94.1	0.8 ^b	2.4	0.4	90.3	0.8 ^b	2.1	0.6
I(b) Acute non-lymphocytic leukemia	43.5	0.9	1.4	-0.5	52.6	1.3 ^b	2.9	0.6
II Lymphomas and reticuloendothelial neo.	-7.2	-0.9	-2.3	-0.4	-7.6	-0.2	-0.4	-0.8
II(a) Hodgkin lymphoma	-18.5	-0.8	-3.8	0.1	-14.5	-0.4	-0.9	-0.9
II(b,c,e) Non-Hodgkin lymphoma	18.0	-0.2	1.2	-0.5	14.3	0.6	1.5	-0.4
III CNS & misc intracranial & intraspinal neo.	44.8	0.9 ^b	0.8	-0.6	44.8	0.8	0.6	-1.0
III(a) Ependymoma	225.5	1.2	2.0	0.2	153.8	0.9	0.2	-0.5
III(b) Astrocytoma	36.5	1.2 ^b	1.2	-1.2	29.0	0.8	0.7	-1.8 ^b
III(c) Primitive neuroectodermal tum.	30.3	0.9	0.5	1.9	48.2	1.0	1.3	1.7
III(d) Other gliomas	62.8	0.0	-0.3	-0.8	105.9	0.5	0.3	-0.4
IV Sympathetic nervous system tum.	16.3	0.4	0.9	2.5 ^b	16.3	0.3	1.0	2.6 ^b
IV(a) Neuroblastoma and ganglioneuroblastoma	16.3	0.4	0.7	2.6 ^b	16.3	0.3	0.6	2.5 ^b
V Retinoblastoma	-37.5	0.6	0.8	2.4	-37.5	0.7	0.8	2.6
VI Renal tum.	93.3	0.4	-0.4	1.0	88.7	0.5	0.3	0.8
VI(a) Wilms' tum., rhabdoid & clear cell sarcoma	81.3	0.2	-0.4	0.6	81.3	0.2	0.0	0.4
VII Hepatic tum.	637.6	1.8	3.6	4.8	637.6	1.9	6.3	5.3 ^b
VII(a) Hepatoblastoma	-	-	-	5.4	-	-	-	5.4
VIII Malignant bone tum.	35.7	-0.3	1.7	-2.7	-14.5	-0.6	1.2	-2.9 ^{bd}
VIII(a) Osteosarcoma	84.5	0.6	-0.2	-2.0	5.6	-0.2	-0.2	-2.6
VIII(c) Ewing's sarcoma	-10.3	-1.7	6.0	-3.6 ^d	-7.0	-1.5	7.7	-4.2 ^c
IX Soft-tissue sarcomas	44.9	1.1 ^b	3.1	1.7	78.9	0.9 ^b	3.2	2.7 ^b
IX(a) Rhabdomyosarcoma and embryonal sarcoma	26.5	0.1	-0.5	-1.4	52.6	0.5	0.1	-0.3
X Germ-cell, trophoblastic & other gonadal neo.	15.2	1.2	3.2	-0.9	-9.0	1.4 ^b	0.6	-1.2
X(a) Intracranial and intraspinal germ-cell tum.	1.8	-	-	-	1.8	-	-	-
X(c) Gonadal germ-cell tum. (ovary)	11.9	-0.4	1.9	0.7	-1.8	0.6	1.7	-1.1
XI Carcinomas and other malignant epithelial neo.	8.4	0.8	0.9	2.4	33.2	0.8 ^b	0.2	1.1
XI(b) Thyroid carcinoma	28.0	0.3	2.3	1.1	90.1	1.3 ^b	1.3	1.6
XI(d) Malignant melanoma	57.1	-	-	1.0	45.1	1.0	0.3	-0.7

^a The APC is the Annual Percent Change over the time interval.

^b SEER 9 areas.

^c The APC is significantly different from zero (p<.05).

^d The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.05).

^e The APC for 1987-2000 is significantly different from the APC for 1975-1986 (p<.10).

- Statistic could not be calculated.

Neoplasms are abbreviated as neo. Tumors are abbreviated as tum.

Table XXVIII-6

5-YEAR RELATIVE SURVIVAL RATES, 1985-1999^a

By International Classification of Childhood Cancer (ICCC) Selected Group and Subgroup and Sex and Age

ICCC Group & Subgroup	Ages 0-19 by Sex			Both Sexes by Age					
	Total	Male	Female	<1	1-4	5-9	10-14	15-19	0-14
All Groups Combined	75.8	73.8	78.1	71.3	75.9	74.7	74.4	78.4	74.7
I Leukemia	70.7	68.9	73.1	41.6	81.7	76.6	60.8	48.3	74.4
I(a) Lymphoid leukemia	79.1	77.2	81.8	41.6 ^b	87.7	82.2	70.0	54.7	81.8
Acute lymphoblastic leukemia (ALL)	79.2	77.2	81.9	42.1 ^b	87.7	82.3	69.9	54.9	81.8
I(b) Acute non-lymphocytic leukemia	40.9	36.8	45.0	36.2 ^b	41.4	46.3	38.4	40.5	41.1
II Lymphomas & reticuloendothelial neo.	84.9	83.4	86.9	-	75.8	83.6	85.5	86.1	83.4
II(a) Hodgkin lymphoma	92.8	92.4	93.2	-	-	93.2	93.3	92.4	93.6
II(b,c,e) Non-Hodgkin lymphoma	74.9	75.2	74.3	-	73.4	79.8	77.0	71.3	77.1
III CNS and misc intracranial & intraspinal neo.	68.1	68.7	67.2	49.0	63.5	67.6	73.4	76.3	66.4
III(a) Ependymoma	61.5	64.0	57.1 ^b	33.2 ^b	53.5	74.9 ^b	72.9 ^b	91.4 ^b	58.2
III(b) Astrocytoma	77.7	77.4	78.1	75.9 ^b	83.0	75.6	77.0	75.8	78.2
III(c) Primitive neuroectodermal tumors	58.3	61.7	53.0	19.7 ^b	48.7	71.7	65.6 ^b	75.9 ^b	56.6
III(d) Other gliomas	57.4	59.4	54.8	-	51.4	41.0	67.5	75.0	53.1
IV Sympathetic nervous system tumors	65.4	64.3	66.7	86.1	54.4	44.0 ^b	-	44.3 ^c	66.0
IV(a) Neuroblastoma and ganglioneuroblastoma	65.3	64.4	66.4	86.2	54.0	43.5 ^b	-	-	66.0
V Retinoblastoma	94.8	95.5	94.1	93.7	95.1	-	-	-	94.7
VI Renal tumors	89.8	88.6	91.0	89.3	91.9	88.9	83.2 ^b	75.6 ^b	90.4
VI(a) Wilms' tumor, rhabdoid & clear cell sarcoma	90.4	89.1	91.6	89.3	91.8	88.6	-	-	90.6
VII Hepatic tumors	49.9	49.7 ^b	50.2 ^b	66.7 ^b	53.6 ^b	-	-	16.3 ^b	55.8
VII(a) Hepatoblastoma	60.6	58.3 ^b	63.1 ^b	67.3 ^b	55.7 ^b	-	-	-	61.0
VIII Malignant bone tumors	65.3	62.9	68.8	-	-	70.9	66.9	62.4	67.5
VIII(a) Osteosarcoma	64.5	62.0	68.3	-	-	63.9 ^b	68.5	61.5	66.9
VIII(c) Ewing's sarcoma	60.6	56.5	66.3	-	-	75.8 ^b	59.7 ^b	54.8	64.7
IX Soft-tissue sarcomas	70.8	70.5	71.3	57.5 ^b	78.3	73.3	73.1	65.8	73.1
IX(a) Rhabdomyosarcoma & embryonal sarcoma	64.0	65.9	61.0	41.7 ^b	82.1	67.8	52.7 ^b	46.0 ^b	68.2
X Germ-cell, trophoblastic & other gonadal neo.	89.6	88.0	91.3	80.7	95.0	84.2 ^b	86.6	91.0	86.7
X(a) Intracranial & intraspinal germ-cell tumors	78.7	77.9	81.6 ^b	-	-	75.9 ^b	82.5 ^b	86.3	74.1
X(c) Gonadal germ-cell tumors	94.7	94.6	94.5	-	100.0	-	95.9	93.7	98.1
XI Carcinomas & other malignant epithelial neo.	89.5	83.3	92.7	-	-	92.2	90.5	89.7	89.2
XI(b) Thyroid carcinoma	98.7	96.2	99.1	-	-	-	96.8	99.1	97.3
XI(d) Malignant melanoma	92.1	89.6	93.7	-	-	-	87.8	93.3	88.0

^a Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.

^b The standard error of the survival rate is between 5 and 10 percentage points.

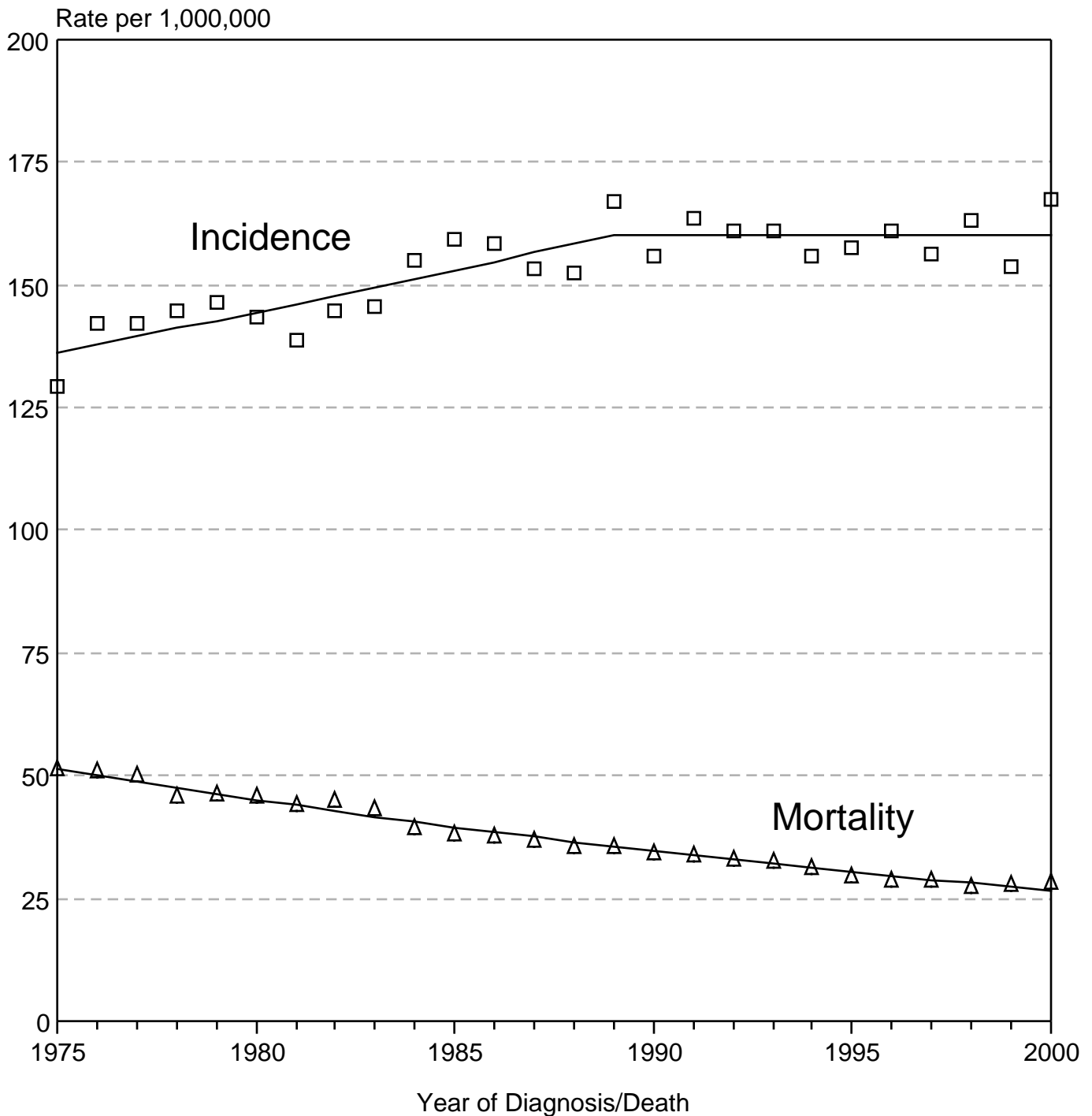
^c The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.

Neoplasms are abbreviated as neo.

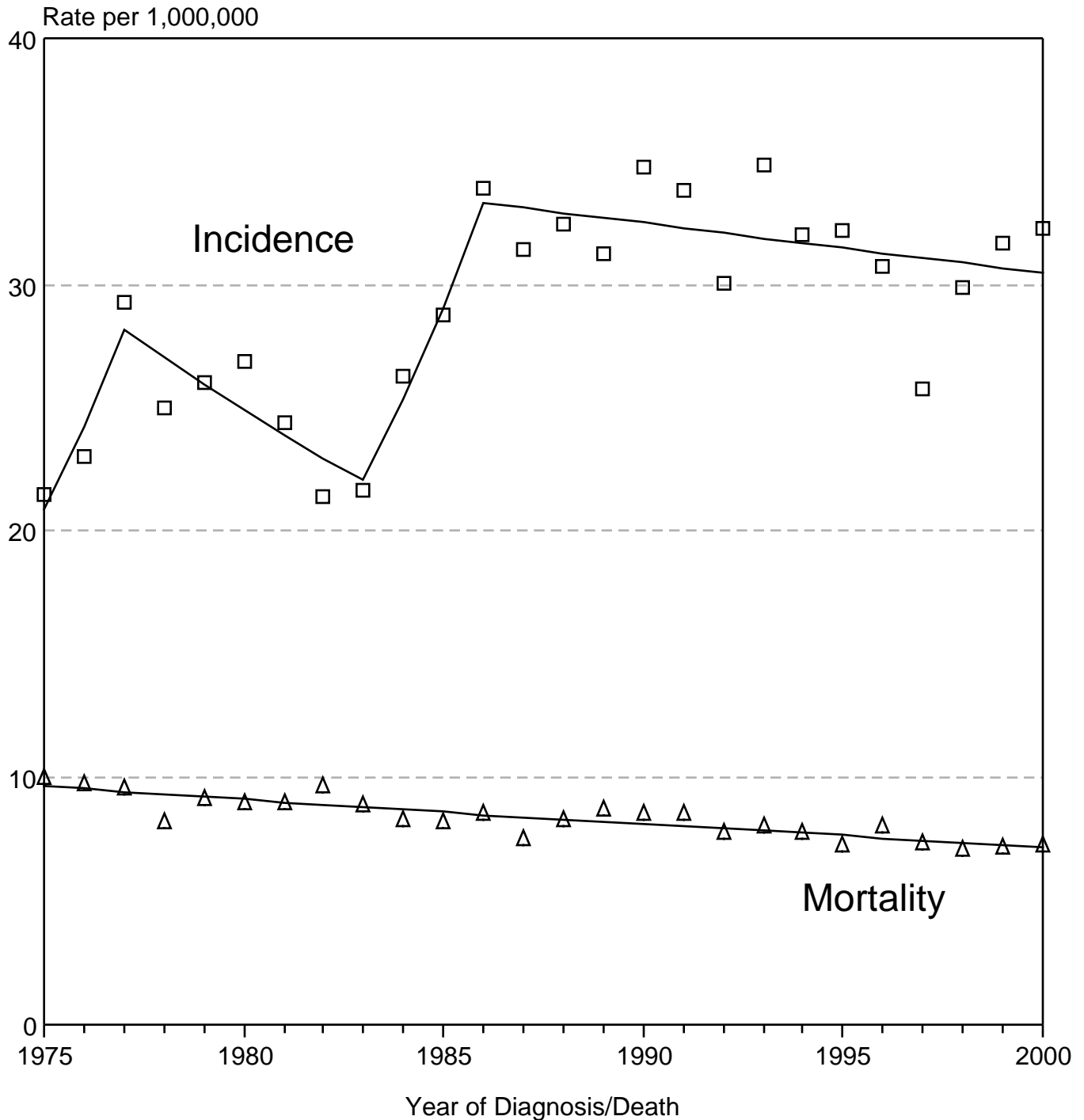
Survival rates are relative rates expressed as percents.

SEER Incidence and US Mortality All Childhood Cancers, Under 20 Years of Age Both Sexes, All Races, 1975-2000



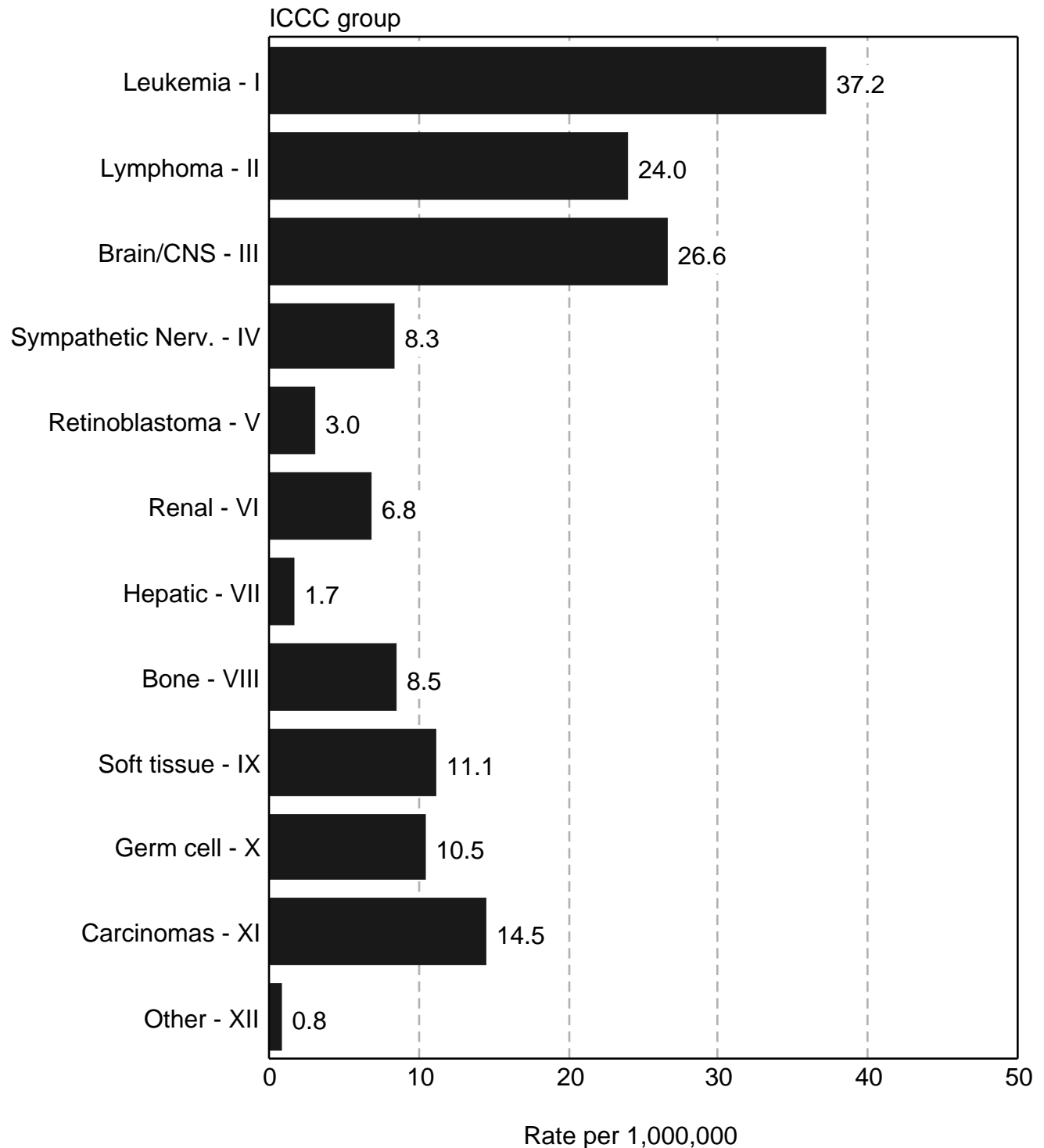
Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines are calculated using the Joinpoint Regression Program.

SEER Incidence and US Mortality Brain and CNS, Under 15 Years of Age Both Sexes, All Races, 1975-2000



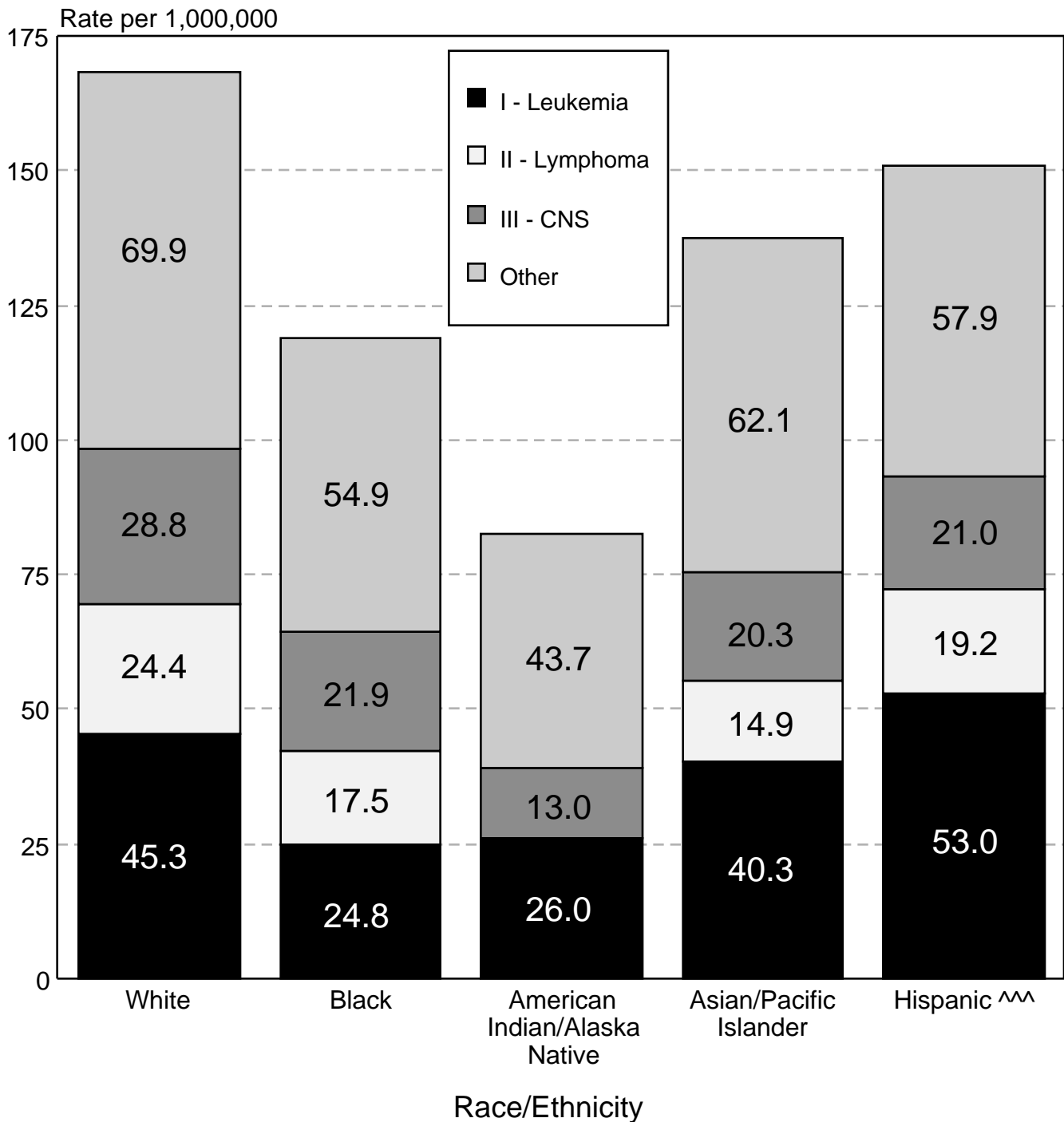
Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines are calculated using the Joinpoint Regression Program.

Childhood Cancer SEER Incidence Rates 1975-2000, by ICCC Group Under 20 Years of Age, Both Sexes, All Races



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups.

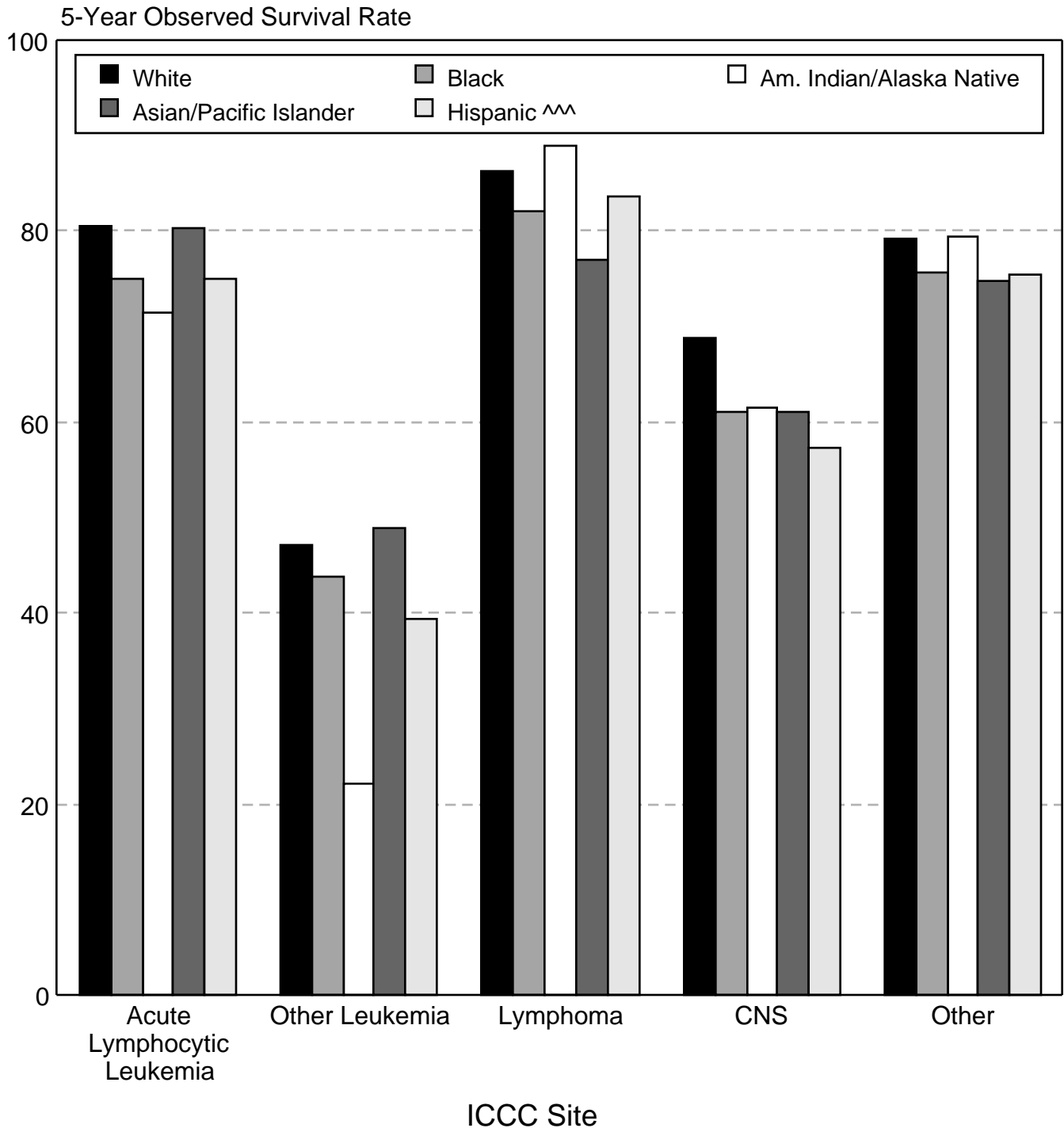
Childhood Cancer SEER Incidence Rates 1992-2000 by ICCC Group and Race/Ethnicity Both Sexes, Under 20 Years of Age



Source: SEER 12 areas. Incidence rates are age-adjusted to the 2000 US standard million population by 5-year age groups and are not shown for fewer than 10 cases for the time period.

^^ Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Hispanic rates exclude cases diagnosed in Detroit and Hawaii.

SEER Childhood Cancer 1990-1999 5-Year Observed Survival Rates by ICCS Group and Race/Ethnicity Both Sexes, Under 20 Years of Age



Source: SEER 12 areas.

^^ Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.