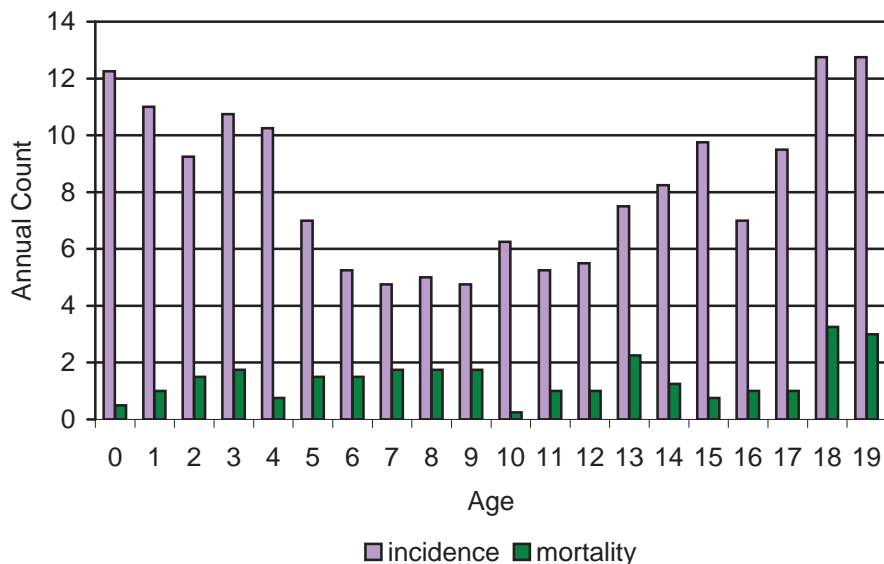


Childhood Cancer

Childhood Cancers, Ages 0-19, Average Annual Incidence and Mortality, Oregon, 2001-2004

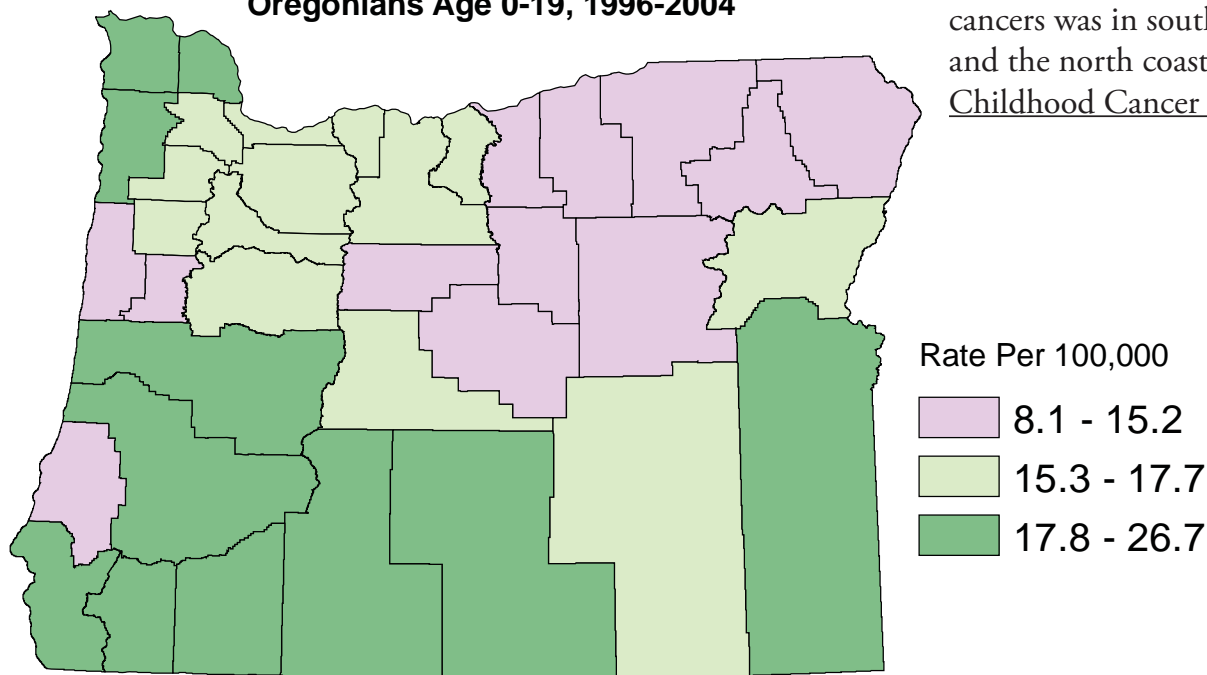


During 2001-2004, an average of 165 children under 20 were diagnosed with cancer per year: 85 males and 80 females. The incidence rate was 78 cases per 1,000,000 children.

Leukemia was the most common diagnosis with an average of 46 cases newly diagnosed per year. Tumors of the central nervous system had an average of 30 cases diagnosed and lymphoma had an average of 28 cases diagnosed.

During the same time period, an average of 28 children died per year, 16 males and 12 females. The mortality rate was 30 deaths per 1,000,000 children.

Childhood Cancer Incidence: Oregonians Age 0-19, 1996-2004



Between 1996 and 2004, the highest incidence of childhood cancers was in southern Oregon and the north coast. [See Childhood Cancer map.](#)

Rates have been smoothed to stabilize results from sparsely populated areas.

Childhood Cancer

Rates of Childhood Cancer Incidence by Sex and Age Group, Oregonians Age 0-19, 2001-2004

	Sex			Age			
	Total	Male	Female	<5	5-9	10-14	15-19
Total	173.2	174.1	172.2	237.8	115.3	132.3	210.9
Leukemias, myeloproliferative & myelodysplastic diseases	48.2	47.9	48.6	95.5	40.9	29.3	29.5
Lymphomas and reticuloendothelial neoplasms	28.5	34.0	22.8	11.1	11.8	32.3	58.1
<i>Hodgkin lymphomas</i>	15.5	15.6	15.3	1.1	3.2	18.2	38.7
<i>Non-Hodgkin lymphomas (except Burkitt lymphoma)</i>	9.4	13.7	4.8	3.3	6.5	12.1	15.3
CNS and misc intracranial and intraspinal neoplasms	31.2	30.5	32.0	45.5	32.3	29.3	18.3
Neuroblastoma and other peripheral nervous cell tumors	6.7	6.8	6.6	24.6	3.2	0.0	0.0
Retinoblastoma	1.1	1.0	1.1	4.4	0.0	0.0	0.0
Renal tumors	6.4	5.8	7.2	16.6	8.6	1.0	0.0
Hepatic tumors	2.9	3.1	2.7	7.8	1.1	0.0	3.1
Malignant bone tumors	8.6	10.1	6.9	2.2	4.3	9.1	18.3
<i>Osteosarcomas</i>	3.1	4.5	1.6	0.0	0.0	5.1	7.1
<i>Ewing tumor and related sarcomas of bone</i>	4.4	4.6	4.3	2.2	4.3	3.0	8.2
Soft tissue and other extraosseous sarcomas	11.1	7.2	15.1	20.0	5.4	8.1	11.2
Germ cell & trophoblastic tumors & neoplasms of gonads	11.4	17.6	4.8	4.5	3.2	9.1	28.5
Other malignant epithelial neoplasms and melanomas	16.5	9.0	24.4	3.4	4.3	14.1	43.8
Other and unspecified malignant neoplasms	0.5	1.1	0.0	2.2	0.0	0.0	0.0

Rates are per 1,000,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130) standard.

Average Annual Counts of Childhood Cancer Incidence by Sex and Age Group, Oregonians Age 0-19, 2001-2004

	Sex			Age			
	Total	Male	Female	<5	5-9	10-14	15-19
Total	165	85	80	54	27	33	52
Leukemias, myeloproliferative & myelodysplastic diseases	46	23	22	22	10	7	7
Lymphomas and reticuloendothelial neoplasms	28	17	11	3	3	8	14
<i>Hodgkin lymphomas</i>	15	8	7	0	1	5	10
<i>Non-Hodgkin lymphomas (except Burkitt lymphoma)</i>	9	7	2	1	2	3	4
CNS and misc intracranial and intraspinal neoplasms	30	15	15	10	8	7	5
Neuroblastoma and other peripheral nervous cell tumors	6	3	3	6	1	0	0
Retinoblastoma	1	1	1	1	0	0	0
Renal tumors	6	3	3	4	2	0	0
Hepatic tumors	3	2	1	2	0	0	1
Malignant bone tumors	8	5	3	1	1	2	5
<i>Osteosarcomas</i>	3	2	1	0	0	1	2
<i>Ewing tumor and related sarcomas of bone</i>	4	2	2	1	1	1	2
Soft tissue and other extraosseous sarcomas	11	4	7	5	1	2	3
Germ cell & trophoblastic tumors & neoplasms of gonads	11	9	2	1	1	2	7
Other malignant epithelial neoplasms and melanomas	16	5	12	1	1	4	11
Other and unspecified malignant neoplasms	1	1	0	1	0	0	0