



Leukemia • Hodgkin Lymphoma • Non-Hodgkin Lymphoma • Myeloma  
 λευχαιμία • ηοδγκίν γλίσθρως • ηου-ηοδγκίν γλίσθρως • μύελομα

## BLOOD CANCERS IN WYOMING

### Leukemia

Leukemia is a cancer that starts in the bone marrow or the tissue that produce blood cells. It can be classified by how fast the disease develops and by what type of blood cells are affected. Chronic leukemia tends to develop and progress slowly; whereas, acute leukemia develops and progresses quickly. Wyoming data is outlined below on four types of leukemia:

**Acute lymphocytic** (ALL): progresses quickly and affects lymphoid cells. This leukemia is most common in children.

**Chronic lymphocytic** (CLL): slow growing and affects lymphoid cells. This is almost never seen in children.

**Acute myeloid** (AML): progresses quickly and affects myeloid cells. This disease occurs in both adults and children.

**Chronic myeloid** (CML): slow growing and affects myeloid cells. This cancer is mainly seen in adults.

2011	INCIDENCE	MORTALITY
<b>Total Leukemia</b>	65 cases (5 children)	48 deaths (no children)
<b>ALL</b>	7 cases (4 children)	4 deaths
<b>CLL</b>	25 cases (no children)	10 deaths
<b>AML</b>	19 cases (1 child)	19 deaths
<b>CML</b>	6 cases (no children)	2 deaths
<b>Other Leukemia</b>	8 cases (no children)	13 deaths

Source: Wyoming Cancer Surveillance Program

### Lymphoma

Lymphoma is a general description of cancers that develop in the body's lymphatic system and which affect the immune system. Lymphomas usually start in the lymph glands which are located in multiple areas of the body (e.g., under the arms, neck, groin etc...). The two basic types of lymphoma are Hodgkin's and non-Hodgkin's.

**Hodgkin's Lymphoma**: a rare form of lymphoma accounting for only 1% of all cases. It is most commonly seen in people 15 to 35 years of age and those over 55.

**Non-Hodgkin's Lymphoma**: is used to describe a group of cancers that affect the lymph system and is rarely seen in people younger than 40 years of age.

2011	INCIDENCE	MORTALITY
<b>Total Lymphoma</b>	101 cases (3 children)	30 deaths (no children)
<b>Hodgkin's</b>	11 cases (2 children)	1 death
<b>Non-Hodgkin's</b>	90 cases (1 child)	29 deaths

Source: Wyoming Cancer Surveillance Program

## **Myeloma**

Myeloma (aka Multiple Myeloma) is a cancer of the plasma cells which are a type of white blood cell located in many areas including bone marrow, spleen and nodes. The cause of myeloma is unknown, but starts with an abnormal cell in the bone marrow which then multiplies and can invade other areas of the body through the blood stream. The risk factors associated with multiple myeloma include age (people over 50), sex (men are more likely to develop the disease than women), race (Blacks are nearly twice as likely to develop myeloma than Whites), history of MGUS (monoclonal gammopathy of undetermined significance) and obesity.

2011	INCIDENCE	MORTALITY
<b>Myeloma</b>	34 cases (no children)	23 deaths (no children)

Source: Wyoming Cancer Surveillance Program

## **The Leukemia and Lymphoma Society**

The mission of The Leukemia & Lymphoma Society (LLS) is: *Cure leukemia, lymphoma, Hodgkin's disease and myeloma, and improve the quality of life of patients and their families.*

LLS is the world's largest voluntary health agency dedicated to blood cancer. LLS funds lifesaving blood cancer research around the world and provides free information and support services. During the last 60+ years, LLS has invested more than 875 million dollars to develop blood cancer therapies. LLS is the leading source of free blood cancer information, education and support. LLS touches patients in their communities by advocating for blood cancer survivors and their families. The organization helps patients navigate their cancer treatments and ensure they have access to quality, affordable and coordinated care.

Key Priorities will ensure that: *The Leukemia & Lymphoma Society helps blood cancer patients live better, longer lives.*

Contact LLS at 1.800.955.4572 or [www.lls.org](http://www.lls.org) for more information.

The **Wyoming Comprehensive Cancer Control Consortium** is working in partnership with LLS to increase access of the organization's services and supports to blood cancer patients in Wyoming.



Wyoming Comprehensive Cancer Control Program  
6101 Yellowstone Road, Suite 510  
Cheyenne, Wyoming 82002  
307- 777-8609  
Fax: 307-777-2426  
liz.mikesell@wyo.gov

