

## **Cancer in Minnesota, 2007: Preliminary Report**

### **Suggested citation**

Perkins C, Bushhouse S. *Cancer in Minnesota, 2007: Preliminary Report*. Minnesota Cancer Surveillance System, St Paul, MN, January 2010. Available online at <http://www.health.state.mn.us/divs/hpcd/cdee/mcss>.

## **Cancer in Minnesota, 2007: Preliminary Report**

This brief report provides preliminary information on the status of cancer in Minnesota in 2007, the most recent year for which case-reporting to the Minnesota Cancer Surveillance System (MCSS) is judged to be at least 95% complete.

Data are based on cases reported to MCSS as of November 2009. The numbers of newly diagnosed cancers may fluctuate somewhat as new cases are reported and duplicate cases are removed. The numbers of cancer deaths for 2007 are considered final. In addition, the incidence and mortality rates reported here may vary somewhat from those presented in future reports if population estimates for 2007 are revised.

Table 1 shows the number of new cancers diagnosed among Minnesota residents during 2007 by gender and the anatomic site of the cancer and the corresponding age-adjusted rate per 100,000 persons per year. Table 2 shows the number of Minnesotans who died of cancer during 2007 by gender and anatomic site and the corresponding age-adjusted rate.

The statistical methods and definitions used and limitations of the data presented in this preliminary report are the same as those detailed in "*Cancer in Minnesota, 1988-2004*," available on the MCSS web site (<http://www.health.state.mn.us/divs/hpcd/cdee/mcss/>).

For more information, please visit the MCSS web site, telephone the MCSS office at (651) 201-5900, or write to MCSS, P.O. Box 64882, St. Paul, MN 55164-0882.

January 2010

**Table 1: Preliminary Cancer Incidence by Site and Gender, Minnesota, 2007**

	Number of New Cases			Age-Adjusted Incidence Rate		
	Male	Female	Total	Male	Female	Total
All Sites Combined	13,548	12,295	25,843	560.4	425.5	481.9
Brain and Other						
Nervous System	181	140	321	7.1	5.1	6.0
Breast	32	3,799	3,831	1.4	132.0	70.1
Cervix Uteri	0	154	154	~	5.7	~
Colon and Rectum	1,228	1,258	2,486	51.1	41.4	46.0
Corpus Uteri	0	830	830	~	28.4	~
Esophagus	214	68	282	8.8	2.3	5.2
Hodgkin Lymphoma	89	66	155	3.5	2.5	3.0
Kaposi Sarcoma	12	1	13	0.5	0.0	0.2
Kidney and Renal						
Pelvis	514	346	860	20.4	12.0	16.0
Larynx	120	39	159	4.9	1.4	3.0
Leukemia	479	351	830	20.2	12.1	15.6
Liver and Bile Duct	172	76	248	6.7	2.6	4.5
Lung and Bronchus	1,558	1,450	3,008	67.1	50.6	57.5
Melanoma of the Skin	678	570	1,248	27.3	20.7	23.3
Mesothelioma (all sites)	45	11	56	2.0	0.4	1.1
Myeloma	172	117	289	7.3	4.0	5.5
Non-Hodgkin						
Lymphoma	632	544	1,176	26.4	18.7	22.1
Oral Cavity and						
Pharynx	430	218	648	16.9	7.5	11.8
Ovary	0	352	352	~	12.1	~
Pancreas	276	258	534	11.4	8.8	10.0
Prostate	4,599	0	4,599	187.3	~	~
Stomach	183	117	300	7.9	4.0	5.7
Testis	193	0	193	7.6	~	~
Thyroid	134	423	557	5.2	15.8	10.5
Urinary Bladder	863	278	1,141	38.3	9.2	21.5

Source: Minnesota Cancer Surveillance System (MCSS). All cases were microscopically confirmed or identified solely through death certificates, and were reported to MCSS as of November 2009. *In situ* cancers except those of the urinary bladder were excluded. Bridged-race population estimates were obtained from the National Center for Health Statistics (vintage 2007), available online at <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>. Rates are age-adjusted to the US 2000 standard population and are per 100,000 persons.

~ Sex-specific site

**Table 2: Cancer Mortality by Site and Gender, Minnesota, 2007**

	Number of Deaths			Age-Adjusted Mortality Rate		
	Male	Female	Total	Male	Female	Total
All Sites	4,813	4,355	9,168	209.5	142.4	169.3
Brain and Other						
Nervous System	141	120	261	5.6	4.2	4.8
Breast	6	636	642	0.2	20.8	11.6
Cervix Uteri	0	28	28	~	1.0	~
Colon and Rectum	444	411	855	19.0	12.4	15.4
Corpus Uteri	0	109	109	~	3.5	~
Esophagus	180	51	231	7.4	1.7	4.2
Hodgkin Lymphoma	22	10	32	0.9	0.3	0.6
Kaposi Sarcoma	1	0	1	0.0	0.0	0.0
Kidney and Renal						
Pelvis	153	96	249	6.4	3.1	4.6
Larynx	48	9	57	2.0	0.3	1.0
Leukemia	255	182	437	11.5	6.1	8.3
Liver and Bile Duct	183	91	274	7.5	3.0	5.1
Lung and Bronchus	1,327	1,088	2,415	57.7	36.8	45.6
Melanoma of the Skin	79	49	128	3.3	1.6	2.3
Mesothelioma (all sites)	33	6	39	1.5	0.2	0.8
Myeloma	107	80	187	4.8	2.6	3.5
Non-Hodgkin						
Lymphoma	201	153	354	9.1	4.9	6.6
Oral Cavity and						
Pharynx	72	47	119	3.1	1.5	2.2
Ovary	0	218	218	0.0	7.2	4.0
Pancreas	274	272	546	11.7	8.9	10.1
Prostate	498	0	498	23.5	~	~
Stomach	107	66	173	4.6	2.2	3.2
Testis	6	0	6	0.2	~	~
Thyroid	14	11	25	0.5	0.4	0.4
Urinary Bladder	159	55	214	7.3	1.7	3.9

Source: Death certificate data were obtained from the Minnesota Center for Health Statistics and include all deaths with the specified cancer as the underlying cause of death during the year, regardless of year of diagnosis. Rates were calculated by the Minnesota Cancer Surveillance System. Bridged-race population estimates were obtained from the National Center for Health Statistics (vintage 2007), available online at <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>. Rates are age-adjusted to the US 2000 standard population and are per 100,000 persons.

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