

Cancer in Minnesota, 2006: Preliminary Report

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Cancer in Minnesota, 2006: Preliminary Report

This brief report provides preliminary information on the status of cancer in Minnesota in 2006, 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 December, 2008. 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 2006 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 2006 are revised.

Table 1 shows the number of new cancers diagnosed among Minnesota residents during 2006 by the anatomic site of the cancer and gender, and the corresponding age-adjusted rate per 100,000 persons per year. Table 2 shows the number of Minnesotans who died of cancer during 2006 by anatomic site and gender, 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.

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Table 1: Preliminary Cancer Incidence by Site and Gender, Minnesota, 2006

	Number of New Cases			Age-Adjusted Incidence Rate		
	Male	Female	Total	Male	Female	Total
All Sites Combined	13,356	11,667	25,023	565.0	411.3	475.9
Brain and Other						
Nervous System	202	157	359	8.2	5.8	6.9
Breast	30	3,545	3,575	1.4	124.8	66.5
Cervix Uteri	0	159	159	~	6.1	~
Colon and Rectum	1,223	1,193	2,416	52.6	40.7	46.0
Corpus Uteri	0	776	776	~	26.9	~
Esophagus	219	53	272	8.9	1.8	5.1
Hodgkin's Lymphoma	74	52	126	3.0	2.0	2.5
Kidney and Renal						
Pelvis	536	303	839	21.8	10.8	15.9
Larynx	149	36	185	6.2	1.2	3.5
Leukemia	488	314	802	20.6	10.8	15.1
Liver and Bile Duct	189	53	242	7.6	1.9	4.5
Lung and Bronchus	1,491	1,391	2,882	64.5	49.6	55.8
Melanoma of the Skin	629	514	1,143	26.0	19.1	21.7
Mesothelioma (all sites)	44	24	68	2.1	0.8	1.3
Multiple Myeloma	176	125	301	7.4	4.2	5.7
Non-Hodgkin's						
Lymphoma	608	493	1,101	26.1	17.0	21.0
Oral Cavity and						
Pharynx	391	213	604	15.9	7.3	11.3
Ovary	0	350	350	~	12.3	~
Pancreas	269	262	531	11.5	9.1	10.2
Prostate	4,558	0	4,558	191.8	~	~
Stomach	173	98	271	7.4	3.4	5.1
Testis	144	0	144	5.6	~	~
Thyroid	138	408	546	5.5	15.6	10.5
Urinary Bladder	899	270	1,169	40.1	9.2	22.5

Source: Minnesota Cancer Surveillance System (MCSS). All cases were microscopically confirmed or identified solely through death certificates, and were reported to MCSS as of December 2008. *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 2006), 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, 2006

	Number of Deaths			Age-Adjusted Mortality Rate		
	Male	Female	Total	Male	Female	Total
All Sites	4,661	4,404	9,065	207.2	147.4	171.3
Brain and Other						
Nervous System	128	84	212	5.3	2.9	4.0
Breast	5	609	614	0.2	20.5	11.4
Cervix Uteri	0	45	45	~	1.6	~
Colon and Rectum	393	429	822	17.6	13.8	15.4
Corpus Uteri	0	140	140	~	4.7	~
Esophagus	184	50	234	7.8	1.7	4.5
Hodgkin's Lymphoma	12	13	25	0.6	0.5	0.5
Kidney and Renal						
Pelvis	158	88	246	6.7	2.9	4.7
Larynx	45	8	53	1.8	0.3	1.0
Leukemia	236	152	388	10.6	5.0	7.3
Liver and Bile Duct	152	77	229	6.3	2.6	4.3
Lung and Bronchus	1,277	1,076	2,353	56.4	37.3	45.2
Melanoma of the Skin	83	44	127	3.5	1.5	2.4
Mesothelioma (all sites)	50	15	65	2.4	0.5	1.3
Multiple Myeloma	112	100	212	5.0	3.3	4.0
Non-Hodgkin's						
Lymphoma	215	154	369	9.7	4.9	7.0
Oral Cavity and						
Pharynx	75	44	119	3.1	1.5	2.2
Ovary	0	247	247	~	8.3	~
Pancreas	263	301	564	11.4	9.8	10.6
Prostate	484	0	484	23.3	~	~
Stomach	85	51	136	3.8	1.7	2.5
Testis	4	0	4	0.2	~	~
Thyroid	11	18	29	0.4	0.6	0.5
Urinary Bladder	148	62	210	6.9	1.9	3.9

Source: Death certificate data were obtained from the Minnesota Center for Health Statistics (April 2, 2008) 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 2006), 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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