

Cancer in Minnesota, 2002: Preliminary Report

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Cancer in Minnesota, 2002: Preliminary Report

This brief report provides preliminary information on the status of cancer in Minnesota in 2002, the most recent year for which case-reporting to the Minnesota Cancer Surveillance System (MCSS) is judged to be complete.

Table 1 shows the number of new cancers diagnosed among Minnesota residents during the year and the corresponding age-adjusted rate. Table 2 shows the number of Minnesotans who died of cancer during the year and the corresponding age-adjusted rate.

MCSS publishes a detailed report to the legislature on cancer occurrence in the state every two years. The next report will be released in late spring 2005. The previous legislative report, "Cancer in Minnesota, 1988-1999," was published in March 2003, and can be found on the MCSS web site (<http://www.health.state.mn.us/divs/hpcd/cdee/mcss/index.html>). 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, 1988-1999."

Cancer rates for 2000 can be found in "Minnesota Cancer Facts and Figures 2003," a joint publication of the American Cancer Society, MCSS, and Cancer Plan Minnesota. This document and more information about Cancer Plan Minnesota can be found on the Cancer Plan Minnesota web site (<http://www.cancerplanmn.org>).

Cancer rates for 2001 can be found in "Cancer in Minnesota, 2001: Preliminary Report," also available on the MCSS web site <http://www.health.state.mn.us/divs/hpcd/cdee/mcss/index.html>.

For more information, please visit the MCSS web site, telephone the MCSS office at (612)676-5216, or write to MCSS, P.O. Box 9441, Minneapolis, MN 55440-9441.

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Table 1: Cancer Incidence by Site and Gender, Minnesota, 2002

	Number of New Cases			Age-Adjusted Incidence Rate		
	Male	Female	Total	Male	Female	Total
All Sites Combined	12,360	11,259	23,619	564.3	419.0	479.6
Brain and Other						
Nervous System	196	156	352	8.2	6.1	7.1
Breast	33	3,596	3,629	1.5	134.9	72.5
Cervix Uteri	~	176	~	~	6.9	~
Colon and Rectum	1,296	1,290	2,586	60.1	45.9	52.1
Corpus Uteri	~	757	~	~	28.6	~
Esophagus	196	46	242	9.1	1.7	5.0
Hodgkin's Lymphoma	75	64	139	3.0	2.5	2.8
Kidney and Renal						
Pelvis	425	252	677	18.9	9.5	13.8
Larynx	124	33	157	5.6	1.3	3.3
Leukemia	374	261	635	17.0	9.5	12.9
Liver and Bile Duct	123	44	167	5.5	1.6	3.4
Lung and Bronchus	1,489	1,252	2,741	69.4	47.6	56.8
Melanoma of the Skin	462	398	860	20.2	15.3	17.1
Mesothelioma (all sites)	51	13	64	2.4	0.5	1.3
Multiple Myeloma	129	105	234	5.9	3.9	4.8
Non-Hodgkin's						
Lymphoma	595	487	1,082	26.9	18.1	21.9
Oral Cavity and						
Pharynx	351	210	561	15.5	7.5	11.2
Ovary	~	347	~	~	13.2	~
Pancreas	194	199	393	8.6	7.4	8.0
Prostate	4,158	~	~	191.6	~	~
Stomach	176	103	279	8.3	3.6	5.6
Testis	184	~	~	7.2	~	~
Thyroid	111	270	381	4.5	10.6	7.5
Urinary Bladder	820	293	1,113	38.6	10.2	22.6

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 2004. *In situ* cancers except those of the urinary bladder were excluded. Bridged-race population estimates from the National Center for Health Statistics (vintage 2003 released 9/14/2004, available online at <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>) were used. 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, 2002

	Number of Deaths			Age-Adjusted Mortality Rate		
	Male	Female	Total	Male	Female	Total
All Sites	4,743	4,455	9,198	227.6	155.4	184.1
Brain and Other						
Nervous System	126	108	234	5.5	4.1	4.7
Breast	2	640	642	0.1	22.5	12.6
Cervix Uteri	~	34	~	~	1.3	~
Colon and Rectum	451	481	932	21.4	15.9	18.4
Corpus Uteri	~	114	~	~	3.9	~
Esophagus	173	56	229	8.1	1.9	4.7
Hodgkin's Lymphoma	12	9	21	0.5	0.3	0.4
Kidney and Renal						
Pelvis	147	74	221	6.9	2.5	4.4
Larynx	30	9	39	1.4	0.3	0.8
Leukemia	227	196	423	10.9	6.5	8.4
Liver and Bile Duct	135	61	196	6.2	2.1	3.9
Lung and Bronchus	1,261	1,066	2,327	59.9	38.8	47.6
Melanoma of the Skin	79	34	113	3.7	1.3	2.3
Mesothelioma (all sites)	34	12	46	1.6	0.4	0.9
Multiple Myeloma	110	85	195	5.3	2.9	3.9
Non-Hodgkin's						
Lymphoma	231	198	429	11.1	6.5	8.5
Oral Cavity and						
Pharynx	81	45	126	3.8	1.5	2.5
Ovary	~	237	~	~	8.7	~
Pancreas	257	269	526	11.9	9.4	10.6
Prostate	601	~	~	31.0	~	~
Stomach	95	75	170	4.6	2.5	3.4
Testis	7	~	~	0.3	~	~
Thyroid	2	8	10	0.1	0.3	0.2
Urinary Bladder	164	77	241	8.4	2.6	4.7

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 from the National Center for Health Statistics (vintage 2003 released 9/14/2004, available online at <http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm>) were used. Rates are age-adjusted to the US 2000 standard population and are per 100,000 persons.

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