

Definition/Description:

Breast cancer is one of the leading causes of death among females in the Winnipeg Health Region (see Mortality - Leading causes of death). Early detection of breast cancer through a mammogram has been shown to reduce mortality in females aged 50-69 (Federal, Provincial and Territorial Advisory Committee on Population Health. *Toward a Healthy Future: Second Report on the Health of Canadians*, 1999; pp. 147).

Mammography screening -- Is a program to check women ages 50 to 69 for early signs of breast cancer, even though they have no symptoms.

Diagnostic mammography is where a Mammogram is requested by a Physician, and the women may or may not have symptoms.

Note that these events are not mutually exclusive groups, for example a women may have chosen to have a mammogram screening and at a later point in time her Physician may have requested a mammogram. A count would be included in the mammography screening statistics and a count included in the diagnostic mammography statistics.

Source:

Source of information is obtained from Manitoba Health Physician Billings 2000-2003, Decision Support Services, Manitoba Health, 2004. All numerical values, tables, and figures (including spatial analyses) were generated by the Population Health and Health System Analysis Unit, Winnipeg Regional Health Authority.

Findings:

Mammography Screening Rates per 1000 by Age Group - April 2001 to March 2003

	WHR	Manitoba
Age 20-44	0.0	0.8
Age 45-49	0.9	10.7
Age 50-54	431.7	462.5
Age 55-59	449.0	480.4
Age 60-64	459.3	494.3
Age 65-69	440.6	475.0
Age 70-74	7.9	29.9
Age 75-79	-	7.1
Age 80-84	0.1	2.4
Age 85+	-	0.9
Total	115.4	128.2

Diagnostic Mammography Rates per 1000 by Age Group - April 2001 to March 2003

	WHR	Manitoba
Age 20-44	69.3	65.2
Age 45-49	256.7	234.6
Age 50-54	170.9	162.8
Age 55-59	179.6	161.5
Age 60-64	180	162.5
Age 65-69	185.6	165
Age 70-74	331.2	276.9
Age 75-79	239.9	202.6
Age 80-84	154.2	126.2
Age 85+	64.7	50.3
Total	139.6	125.8

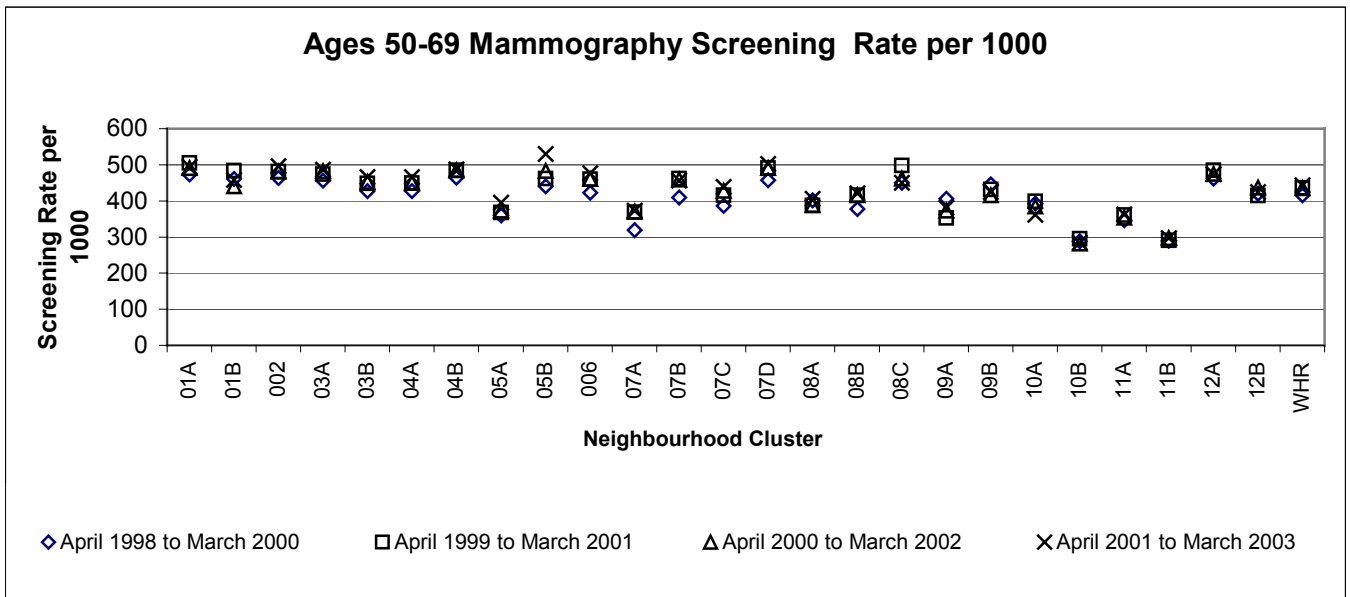
Mammography Screening Rates per 1000 Women Ages 50-69 by Neighbourhood Cluster, in the Winnipeg Health Region, 1998-2003

Community Area	Neighbourhood Cluster	Mammography Screening Ages 50-69			
		April 1998 to March 2000	April 1999 to March 2001	April 2000 to March 2002	April 2001 to March 2003
St. James-Assiniboia	01A	473.1	505.4	491.2	494.9
	01B	461.0	483.7	440.4	457.8
Assiniboine South	002	463.8	480.9	481.4	496.1
Fort Garry	03A	456.2	474.3	481.8	486.5
	03B	426.8	448.5	452.9	466.4
St. Vital	04A	427.0	449.5	450.4	466.5
	04B	464.5	484.3	484.4	487.1
St. Boniface	05A	359.5	368.1	373.1	395.1
	05B	440.7	461.8	482.7	529.6
Transcona	006	422.5	459.6	461.2	476.8
River East	07A	318.7	369.0	370.5	373.2
	07B	409.0	461.8	458.9	456.7
	07C	386.4	415.3	427.7	438.4
	07D	457.7	491.0	490.6	502.5
Seven Oaks	08A	401.4	387.5	388.4	405.5
	08B	377.9	415.5	416.0	420.7
	08C	449.9	497.8	461.9	449.8
Inkster	09A	406.0	352.8	373.4	381.3
	09B	445.9	431.7	415.9	424.6
Point Douglas	10A	392.3	398.8	385.0	361.8
	10B	287.8	295.1	281.8	284.6
Downtown	11A	346.6	360.6	353.3	362.4
	11B	289.4	290.8	296.7	296.7
River Heights	12A	462.0	485.0	474.9	474.0
	12B	419.9	415.0	436.9	424.9
Winnipeg Health Region		415.8	436.3	435.0	443.5

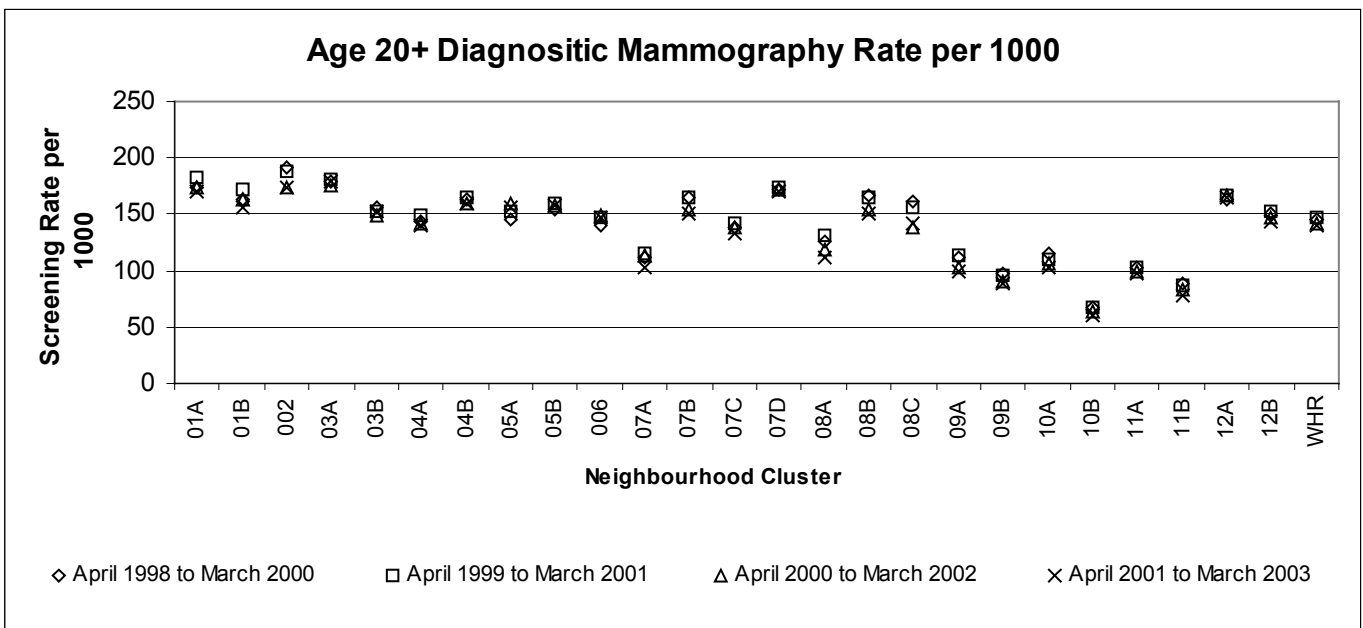
Diagnostic Screening Rates per 1000 Women Ages 20+ by Neighbourhood Cluster in the Winnipeg Health Region, 1998-2003

Community Area	Neighbourhood Cluster	Diagnostic Mammography Ages 20+			
		April 1998 to March 2000	April 1999 to March 2001	April 2000 to March 2002	April 2001 to March 2003
St. James-Assiniboia	01A	174.4	183.5	173.2	169.5
	01B	162.6	171.5	163.6	156.4
Assiniboine South	002	191.1	188.1	174.6	174.1
Fort Garry	03A	178.5	180.4	176.3	179.9
	03B	156.8	153.3	149.6	152.7
St. Vital	04A	144.3	149.1	142.4	139.8
	04B	162.8	164.6	159.2	158.8
St. Boniface	05A	144.8	153.2	159.7	156.6
	05B	153.7	160.4	158.4	158.0
Transcona	006	140.5	147.2	149.4	147.6
River East	07A	111.4	116.0	113.1	103.5
	07B	165.6	165.6	153.7	150.2
	07C	138.0	141.5	138.4	133.2
	07D	171.5	173.6	172.7	170.3
Seven Oaks	08A	125.5	131.0	119.1	112.3
	08B	166.7	165.1	154.8	150.0
	08C	160.9	155.4	137.6	142.2
Inkster	09A	111.3	113.4	102.9	99.1
	09B	97.8	96.2	89.6	89.5
Point Douglas	10A	114.6	110.7	105.9	102.8
	10B	67.3	66.9	63.3	60.0
Downtown	11A	102.4	103.5	99.4	98.3
	11B	88.8	86.4	82.9	77.8
River Heights	12A	163.3	167.0	167.1	164.3
	12B	151.1	152.9	147.6	143.9
Winnipeg Health Region		145.7	147.8	142.2	139.6

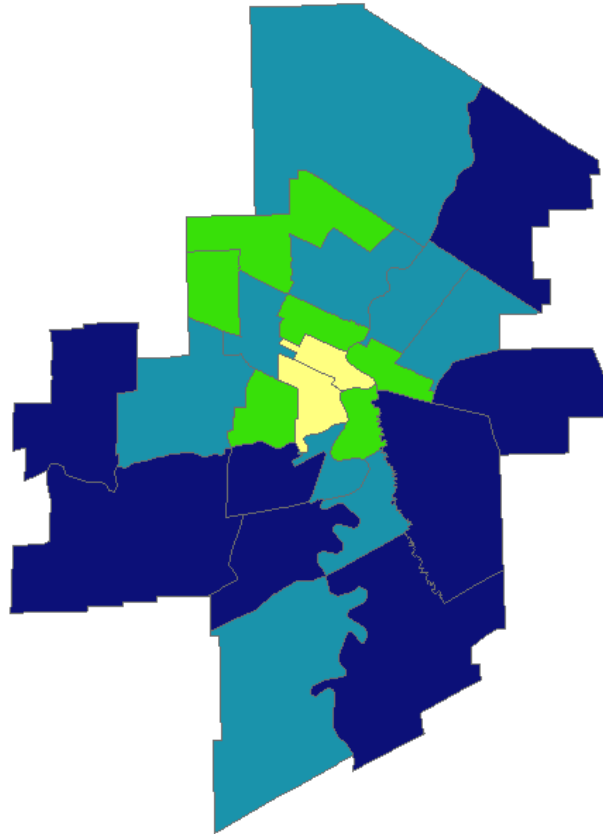
Mammography Screening Rates per 1000 Females 50-69 years of age in the Winnipeg Health Region by Neighbourhood Cluster, 1998 to 2003



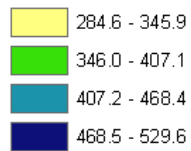
Diagnostic Mammography Rates per 1000 Females 20 years and older in the Winnipeg Health Region by Neighbourhood Cluster, 1998 to 2003



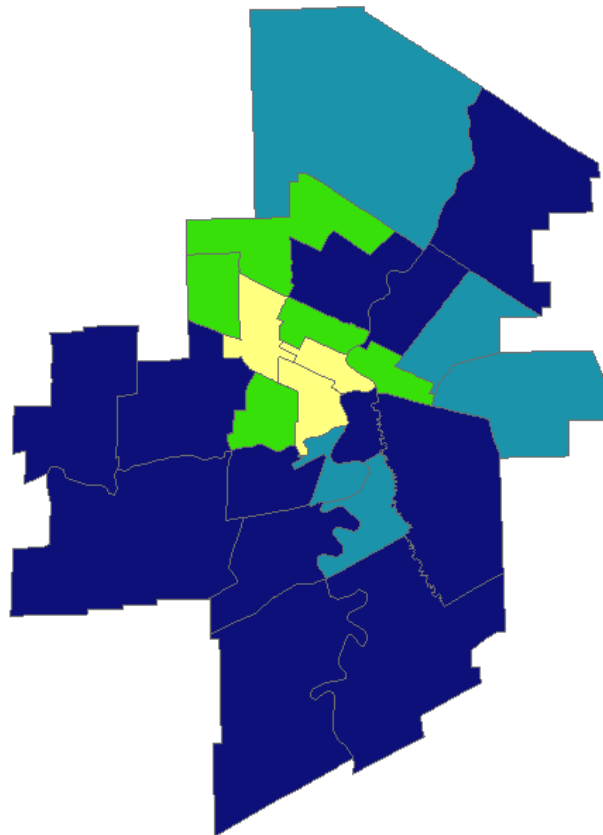
Note: Reference to Neighbourhood Cluster names and locations can be found in [\(attach link\)](#). (eg: 12B River Heights East)



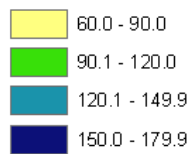
Mammography Screening Rate (Ages 50-69) per 1,000



April 2001 to March 2003



Diagnostic Mammography Rate (Ages 20+) per 1,000



April 2001 to March 2003

Highlights:

Mammography Screening:

- Mammography screening rates are highest between the ages of 60-64 years for women in the Winnipeg Health Region.
- Mammography screening rates for women ages 50-69 in the WHR are smaller compared to Manitoba
- Mammography screening rates for women ages 50-69 have shown an increase over time within Neighbourhood Clusters from 1998-2000 to 2001-2003.
- Neighbourhood Clusters with the highest mammography screening rates are St. Boniface East (05B), River East North (07D), Assiniboine South (002), St. James-Assiniboine West (01A), and St. Vital South (04B).
- Neighbourhood Clusters with the lowest mammography screening rates are Point Douglas South (10B), Downtown East (11B), Point Douglas North (10A), Downtown West (11B), and River East South (07A)

Diagnostic Screening:

- Diagnostic screening rates are highest for women between the ages of 70-74 years (239.9 per 1000), followed by 45-49 years (256.7 per 1000) and 75-79 years (239.9 per 1000)
- Diagnostic screening rates in the Winnipeg Health Region are higher for all age groups compared to Manitoba.
- Diagnostic screening rates for women 20+ are generally showing a decline between 1998-2000 and 2001-2003 among the neighbourhood clusters.
- Neighbourhood Clusters with the highest diagnostic screening rates are Fort Garry North (03A), Assiniboine South (002), St. James-Assiniboia (01A), River Heights West (12A), St. Vital South (04B) and St. Boniface East (05B).
- Neighbourhood Clusters with the lowest diagnostic screening rates are Point Douglas South (10B) Downtown East (11B), Inkster East (09B), Downtown West (11A), and Inkster West (09A).

Note: One limitation of this data is that it does not capture mammograms that are done in the hospital or out of province. As a result, the numbers will underestimate true value of this indicator.