

Asthma Prevalence – Diagnosis through Physician Visit

CHA REPORT 2004

Definition/Description:

Count and crude rate of WHR residents who were identified as having seen a physician regarding asthma (ICD9 Diagnosis Code of 493), within a defined two year reporting period, by sex, 1996/97 – 1998/99 to 2001/02 – 2002/03.

Source:

Manitoba Health, Annual Asthma Reports 1996/97-1997/98 to 2001/02-2002/03

Findings:

**Residents of the WHR with Physician Visit for Asthma Diagnosis-
Count and Crude Rate per 1000 Population, 1996/97 - 1997/98 to 2001/02 - 2002/03**

	Both Sexes		Female		Male	
	Count	Crude Rate per 1000	Count	Crude Rate per 1000	Count	Crude Rate per 1000
1996/97 - 1997/98	45626	70.3	24699	74.0	20927	66.5
1997/98 - 1998/99	46797	72.4	25197	75.7	21600	68.8
1998/99 - 1999/00	48432	74.7	26036	78.1	22396	71.1
1999/00 - 2000/01	48916	75.1	26348	78.7	22568	71.3
2000/01 - 2001/02	48757	74.6	26280	78.2	22477	71.0
2001/02 - 2002/03	48182	73.4	25986	77.1	22196	69.6

Residents of the WHR By Neighbourhood Cluster with Physician Visit for Asthma Diagnosis - Count and Crude Rate per 1000 Population for 2001/02 – 2002/03

Community Area	Neighbourhood Cluster	Both Sexes		Female		Male	
		Count	Crude Rate per 1000	Count	Crude Rate per 1000	Count	Crude Rate per 1000
St. James-Assiniboia	01A	2402	74.3	1334	79.2	1068	69.0
	01B	1991	73.5	1112	78.1	879	68.4
Assiniboine South	002	2538	68.7	1374	71.3	1164	65.8
Fort Garry	03A	1926	70.2	1023	72.0	903	68.2
	03B	2716	76.4	1429	78.3	1287	74.5
St. Vital	04A	1853	68.9	1009	71.2	844	66.2
	04B	2422	71.7	1302	74.7	1120	68.6
St. Boniface	05A	986	63.6	560	69.0	426	57.7
	05B	2148	66.1	1116	67.9	1032	64.3
Transcona	006	2330	70.4	1243	74.6	1087	66.2
River East	07A	1349	75.7	754	85.6	595	66.0
	07B	2485	64.9	1392	68.3	1093	61.1
	07C	2003	72.0	1040	73.1	963	70.9
	07D	529	59.5	253	58.0	276	61.0
Seven Oaks	08A	1759	82.1	886	80.8	873	83.6
	08B	2499	78.0	1399	83.1	1100	72.3
	08C	288	66.3	153	67.8	135	64.6
Inkster	09A	1467	84.1	711	81.0	756	87.2
	09B	1176	84.5	634	90.4	542	78.6
Point Douglas	10A	2314	87.0	1257	93.2	1057	80.5
	10B	1291	90.5	683	99.6	608	82.1
Downtown	11A	3012	78.7	1634	84.4	1378	72.8
	11B	2753	72.6	1443	79.8	1310	66.1
River Heights	12A	2467	70.1	1404	74.8	1063	65.3
	12B	1478	69.7	841	73.5	637	65.2
Winnipeg Health Region		48182	73.4	25986	77.1	22196	69.6

Note: Counts in each data point represent individuals.

Highlights:

- The rate for physician visits with an asthma diagnosis increased steadily from the earliest data point of 1996/97-1997/98 at 70.3, peaking in 1999/00 - 2000/01 at 75.1. From that time to the most current data available, a small decrease in both the count and the crude rates are observed.
- Over the course of 1996/97-1997/98 to 2001/02-2002-03 data period, females in the WHR consistently had higher crude rates than males.
- Rates between neighbourhood clusters varied considerably, even between those in the same community area. For example, in the River East Community Area, the rates for the individual NCs ranged between 59.5 to 75.7. A large difference was also noted in the Seven Oaks CA, where rates ranged from 66.3 to 82.1.
- The highest rate was observed in the Point Douglas South NC (10B) at 90.5, while the lowest rate was seen in the River East North NC (7D) at 59.5. The WHR overall rate is 73.4.
- For the majority of neighbourhood clusters in the WHR, the female rate is higher than the male rate.