

Definition/Description:

Teenage Pregnancy Rate is the ratio of the number of pregnancies in teenagers aged 15-19 in a given period, to the total female population ages 15-19.

Note: **Does not** include multiple births.

Calculation:

$$\frac{\text{Number of livebirths, stillbirths, therapeutic and spontaneous abortions in teenagers (age 15-19) x 1000}}{\text{Total Females aged 15-19 at mid year}}$$

Limitations

- 1) Miscarriages (spontaneous abortions) requiring no medical intervention and abortions performed outside of Manitoba hospitals cannot be included in this calculation.
- 2) Pregnancies in teenagers under 15 are excluded from this calculation.

Teenage pregnancy rate is a measure related to the outcome of healthy children. It is considered a health indicator as teen mothers are less likely to complete high school and more likely to be unemployed than women who delay having children. The teen pregnancy rate reflects the number of teens and their children who may experience difficult living conditions, and indirectly may provide information on accidental or unplanned pregnancies. It is also a health determinant indicator that is used in the comprehensive Community Health Assessment for the WRHA.

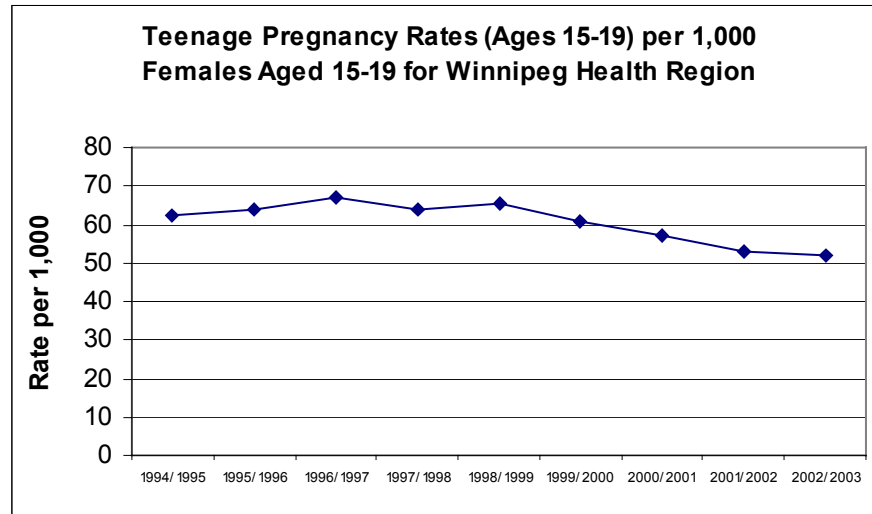
Teenage pregnancy rates include all live births, stillbirths and abortions per 1000 females ages 15-19 years old. Teenagers under the age of 15 are excluded from the calculation, also excluded due to the lack of information are miscarriages requiring no medical intervention and abortions performed outside Manitoba Hospitals.

Information is presented at the regional, community area and neighbourhood cluster levels for the period of time from 1994/1995 to 2002/2003.

Source:

Numerator from Manitoba Health Hospital Abstract Database, Manitoba Health, Decision Support Services (includes Deliveries, Therapeutic Abortions and Spontaneous Abortions).
Denominator from Manitoba Health, Decision Support Services population file.

Findings:

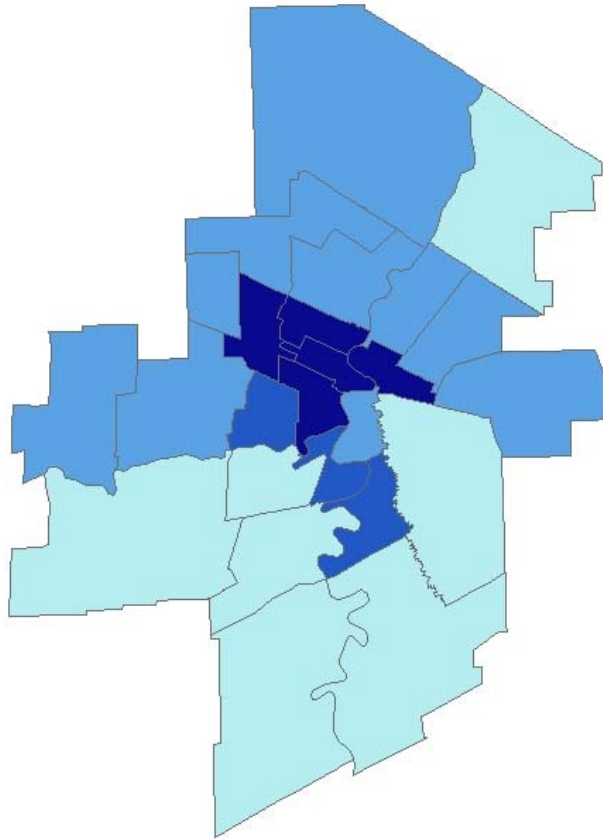


Community Area	Pregnancy Rate per 1000								
	1994/1995	1995/1996	1996/1997	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003
00 - UNKNOWN	63.3	71.4	30.9	49.4	29.1				
01 - ST.JAMES - ASSINIBOIA	39.9	53.5	53.0	52.7	60.0	54.4	48.1	45.4	45.0
02 - ASSINIBOINE SOUTH	32.8	27.4	30.8	32.2	42.5	25.9	24.6	18.0	18.6
03 - FORT GARRY	30.3	27.1	34.3	38.7	35.0	27.9	25.9	19.1	20.7
04 - ST. VITAL	48.4	46.1	57.3	44.2	49.9	39.2	37.6	26.7	36.4
05 - ST.BONIFACE	48.4	34.8	52.6	37.9	43.4	44.0	41.3	49.3	35.9
06 - TRANSCONA	48.0	56.3	78.8	57.3	45.5	54.5	36.7	48.5	39.5
07 - RIVER EAST	64.8	64.8	61.0	69.4	67.4	59.3	53.1	54.8	47.9
08 - SEVEN OAKS	42.7	60.3	62.7	54.9	57.1	59.4	45.7	38.5	44.2
09 - INKSTER	78.4	76.7	83.0	78.4	78.5	88.6	80.8	66.1	81.7
10 - POINT DOUGLAS	145.3	139.0	135.5	134.1	138.5	133.1	134.2	132.3	129.4
11 - DOWNTOWN	119.9	124.2	122.8	116.6	117.5	108.4	127.6	105.5	98.5
12 - RIVER HEIGHTS	53.9	57.1	46.5	54.8	54.7	45.7	35.0	41.3	38.4
Winnipeg Health Region	62.1	64.0	66.9	64.2	65.4	60.8	57.3	52.8	52.1

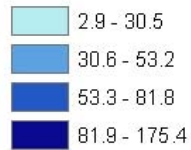
NC	Neighbourhood Cluster	Teen Pregnancy Rate per 1000								
		1994/1995	1995/1996	1996/1997	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003
	Unknown	63.3	71.4	30.9	49.4	29.1				
01A	St. James - Assiniboia W	38.8	46.5	48.1	39.8	46.3	52.7	46.1	38.8	40.4
01B	St. James - Assiniboia E	41.7	64.8	60.4	71.7	79.6	56.8	50.7	53.9	51.0
002	Assiniboine South	32.8	27.4	30.8	32.2	42.5	25.9	24.6	18.0	18.6
03A	Fort Garry North	28.3	23.4	36.6	37.8	26.2	22.8	18.8	14.3	9.9
03B	Fort Garry South	31.4	29.2	33.0	39.1	40.0	30.8	30.3	22.1	28.0
04A	St. Vital North	73.8	72.6	80.1	71.8	73.9	49.3	53.3	36.9	62.0
04B	St. Vital South	31.8	29.7	43.7	27.4	35.4	33.5	29.0	21.3	23.0
05A	St. Boniface West	65.7	42.4	84.7	39.6	58.8	67.2	63.1	70.6	48.8
05B	St. Boniface East	42.1	32.1	41.5	37.4	37.7	34.8	32.5	40.0	30.5
006	Transcona	48.0	56.3	78.8	57.3	45.5	54.5	36.7	48.5	39.5
07A	River East South	130.5	135.3	109.6	110.4	123.7	110.2	103.9	100.7	104.2
07B	River East West	48.9	50.7	47.6	56.1	57.2	53.9	43.2	54.3	44.4
07C	River East East	64.9	56.4	61.8	75.1	60.6	51.5	43.7	42.4	35.6
07D	River East North	12.8	39.5	30.4	29.5	34.0	18.5	32.9	18.4	2.9
08A	Seven Oaks West	41.6	52.9	66.2	50.1	53.3	63.5	40.4	36.0	41.7
08B	Seven Oaks East	47.8	71.2	66.4	64.9	61.9	56.8	55.9	44.3	47.6
08C	Seven Oaks North	9.1	33.9	8.4	22.9	49.6	51.6	18.1	18.4	37.3
09A	Inkster West	53.1	51.5	57.1	48.2	47.6	52.7	48.6	44.0	53.2
09B	Inkster East	121.4	120.2	130.1	137.4	133.8	149.8	138.2	103.4	130.2
10A	Point Douglas North	127.5	123.6	111.1	116.3	132.7	118.6	122.5	102.0	103.0
10B	Point Douglas South	174.3	163.0	180.1	168.2	150.4	161.6	156.5	190.0	175.4
11A	Downtown West	97.0	105.1	95.4	91.6	84.5	88.9	99.7	84.0	81.8
11B	Downtown East	148.1	145.3	155.4	147.0	159.5	132.7	161.8	132.4	118.5
12A	River Heights West	39.7	46.3	30.0	35.9	31.9	26.8	27.1	29.4	22.9
12B	River Heights East	81.9	78.1	77.4	91.7	101.8	84.1	50.9	66.4	73.6
	Winnipeg Health Region	62.1	64.0	66.9	64.2	65.4	60.8	57.3	52.8	52.1

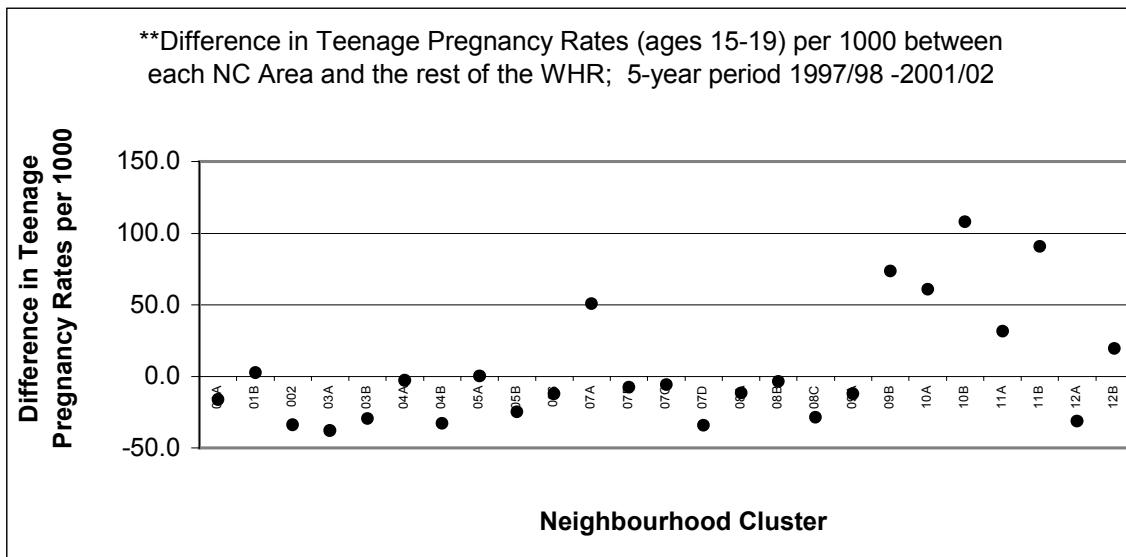
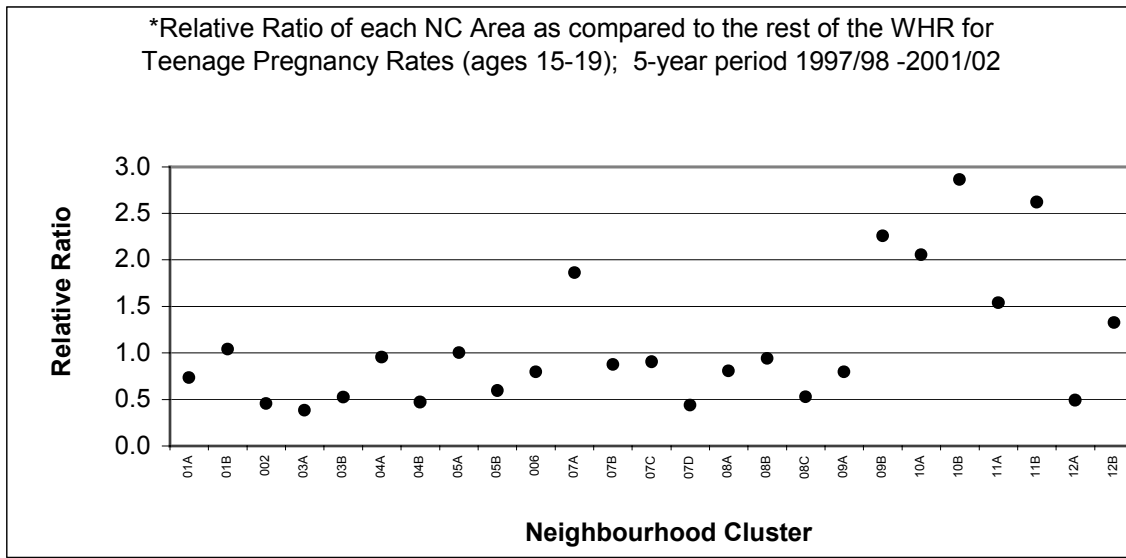
Community Area	Teen Pregnancies								
	1994/1995	1995/1996	1996/1997	1997/1998	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003
00 - UNKNOWN	5	5	3	4	3				
01 - ST.JAMES - ASSINIBOIA	73	95	91	89	99	89	78	75	75
02 - ASSINIBOINE SOUTH	44	35	38	40	53	33	33	25	26
03 - FORT GARRY	61	55	68	78	70	57	54	42	46
04 - ST. VITAL	93	88	109	86	97	77	72	52	72
05 - ST.BONIFACE	71	50	75	54	60	62	59	71	52
06 - TRANSCONA	54	61	86	61	47	62	42	54	45
07 - RIVER EAST	194	191	178	205	199	175	161	165	147
08 - SEVEN OAKS	83	116	120	107	113	118	90	76	85
09 - INKSTER	87	87	97	91	90	104	96	79	95
10 - POINT DOUGLAS	192	179	162	165	168	168	172	170	176
11 - DOWNTOWN	249	262	254	239	236	222	270	228	221
12 - RIVER HEIGHTS	76	80	64	74	74	61	48	56	53
Winnipeg Health Region	1282	1304	1345	1293	1309	1228	1175	1093	1093

2002/2003 Teenage Pregnancy Rate (Ages 15-19) per 1000 Females



Teenage Pregnancy Rate per 1,000





Highlights:

- Teen pregnancy rates in the WHR have varied between 52 and 67 per 1000 births over the period from 1994/1995 to 2002/2003.
- The overall WHR teen pregnancy rate has been declining since 1998/1999.
- There are areas within the Winnipeg Health Region that have high teen pregnancy rates compared to the Winnipeg Health Region value (up to 3 times higher than the WHR overall).
- Rates by neighbourhood cluster vary from a low of approximately 3 teen pregnancies per 1000 female teenagers to a high of approximately 175 per 1000 female teenagers in 2002/2003.