

**Clinic Surveillance of  
Sexually Transmitted Infections  
in New Zealand**

**January to March 2007**

Prepared as part of a Ministry of Health  
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by

STI Surveillance Team  
Population and Environmental Health Group  
Institute of Environmental Science & Research Ltd.

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<p><b>This report is also available at <a href="http://www.surv.esr.cri.nz">www.surv.esr.cri.nz</a></b> <b>Ad Hoc STI requests may be emailed to <a href="mailto:survqueries@esr.cri.nz">survqueries@esr.cri.nz</a></b></p>
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## Introduction

In New Zealand, sexually transmitted infections (STIs) are not notifiable and so surveillance efforts are based predominantly on voluntary data from specialist sexual health clinics (SHCs). Since 1998, STI surveillance has been expanded to include data from family planning clinics (FPCs) and student and youth health clinics (SYHCs). At present 27 SHCs, 36 FPCs and 16 SYHCs participate. In addition to clinic surveillance, laboratory surveillance of gonorrhoea began in the Auckland, Waikato and Bay of Plenty (BOP) regions in 1998. Laboratory surveillance of chlamydia began in the Waikato and BOP regions in 1998 and in the Auckland region in 2001. Since June 2004, efforts have been made to extend STI surveillance to additional laboratories across New Zealand.

Quarterly reports of laboratory-based surveillance are produced separately and are available at [www.surv.esr.cri.nz](http://www.surv.esr.cri.nz).

*All results and analyses are based on data submitted prior to the 5<sup>th</sup> June 2007. Any data submitted after this date is not included in this report due to time constraints. All results should be regarded as provisional.*

## Methods

Clinics record anonymous data on the age, sex and ethnicity of all cases meeting one or more of the STI surveillance case definitions (see Appendix). Each month clinics send the demographic data of cases and the total number of clinic visits either directly to ESR or via a regional co-ordinator.

### *Clinic Visit Rates*

Quarterly clinic-specific disease rates were calculated by dividing the total number of confirmed reported STI cases by the total number of clinic visits made for any reason. This denominator includes all new and follow-up visits made by clinic attendees, whether for sexual or other health reasons. For specialised youth centres (one-stop shops), the denominator does not include non-clinical visits such as career advice and counselling.

The reader should note the following:

- Clinic data cannot be used to calculate population rates.
- STI rates at the different clinical settings are not directly comparable, due to a wide variation in the range of services they provide.
- In contrast to reports published prior to 2004 clinic visit rates are not annualised.
- In contrast to reports published prior to 2007 only confirmed cases are included in case numbers and clinic visit rates.

### *Data completeness*

#### SHCs

Twenty-seven SHCs participate in STI surveillance. Of these, 26 clinics provided STI data by the date required for all three months in the first quarter (January to March) 2007.

#### FPCs

Thirty-six FPCs participate in STI surveillance. Of these, 34 clinics provided data for the first quarter (January to March) 2007. 5/34 (14.7%) of FPCs were not able to provide data by the date required for all three months in this quarter. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

#### SYHCs

Sixteen SYHCs participate in STI surveillance. All 16 clinics provided STI data for the first quarter (January to March) 2007. 1/16 (6.3%) of SYHCs were not able to provide data by the date required for all three months in this quarter. It should be noted that some SYHCs based in schools or tertiary institutions may have been closed during holiday periods.

## Overview

### *Sexual Health Clinics (SHCs)*

During the current quarter, SHCs reported 22 253 visits. A total of 1 153 cases of chlamydia, 229 cases of gonorrhoea, 179 cases of genital herpes, 1 001 cases of genital warts, 22 cases of syphilis and 206 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2006 are shown in Table 1.

### *Family Planning Clinics (FPCs)*

During the current quarter, FPCs reported 46 567 visits. A total of 892 cases of chlamydia, 58 cases of gonorrhoea, 39 cases of genital herpes, 157 cases of genital warts, one case of syphilis and four cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2006 are shown in Table 1.

### *Student & Youth Health Clinics (SYHCs)*

During the current quarter, SYHCs reported 48 173 visits. A total of 224 cases of chlamydia, 21 cases of gonorrhoea, 25 cases of genital herpes, 38 cases of genital warts and 4 cases of NSU in males were reported. There were no cases of syphilis reported in this quarter. STI rates and comparisons with the equivalent quarter in 2006 are shown in Table 1.

Please note that for some diseases because of the large denominator and small number of cases, rates and changes in rates may not be reflected in Table 1. Denominator data is given in Table 1.1.

Table 1. Cases and clinic visit rate of STIs reported by SHCs, FPCs and SYHCs in January to March 2007, compared to the equivalent quarter of 2006.

Clinical setting	STI	January to March 2006		January to March 2007		Clinic Visit Rate <sup>1</sup> change <sup>2</sup> between quarters
		Number of Cases	Clinic Visit Rate <sup>1</sup> (%)	Number of Cases	Clinic Visit Rate <sup>1</sup> (%)	
SHCs	Chlamydia	1 225	5.7%	1 153	5.2%	▼
	Gonorrhoea	222	1.0%	229	1.0%	—
	Genital herpes	191	0.9%	179	0.8%	▼
	Genital warts	964	4.5%	1 001	4.5%	—
	Syphilis	18	0.1%	22	0.1%	—
	NSU (Males Only)	219	2.4%	206	2.2%	▼
FPCs	Chlamydia	703	1.6%	892	1.9%	▲
	Gonorrhoea	52	0.1%	58	0.1%	—
	Genital herpes	29	0.1%	39	0.1%	—
	Genital warts	129	0.3%	157	0.3%	—
	Syphilis	1	0.0%	1	0.0%	—
	NSU (Males Only)	4	0.2%	4	0.2%	—
SYHCs	Chlamydia	130	0.3%	224	0.5%	▲
	Gonorrhoea	13	0.0%	21	0.0%	—
	Genital herpes	8	0.0%	25	0.1%	▲
	Genital warts	26	0.1%	38	0.1%	—
	Syphilis	0	0.0%	0	0.0%	—
	NSU (Males Only)	0	0.0%	4	0.0%	—

<sup>1</sup> Clinic Visit Rate = (no. of cases/total no. of clinic visits) x 100.

<sup>2</sup> —, no change in rate; ▲, rate increase; ▼, rate decrease. Comparison of crude rates not tested for significance.

# All Clinic Data

**Table 1.1: Summary – Cases and Clinic Visit Rates by Disease and Clinic Type**

Quarter 1 2007

<u>Clinic Type, by area</u>	<u>Total Clinic Visits<sup>1</sup></u>	<u>Chlamydia</u>	<u>Gonorrhoea</u>	<u>Genital Herpes<sup>2</sup></u>	<u>Genital Warts<sup>2</sup></u>	<u>Syphilis<sup>4</sup></u>
<b>North</b>						
Sexual Health Clinics	No. 7,401	276	76	53	332	18
	Rate <sup>3</sup>	3.7%	1.0%	0.7%	4.5%	0.2%
Family Planning Clinics	No. 20,086	406	22	10	68	1
	Rate <sup>3</sup>	2.0%	0.1%	0.0%	0.3%	0.0%
Student & Youth Health	No. 7,858	17	3	1	3	0
	Rate <sup>3</sup>	0.2%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal North</b>	<b>35,345</b>	<b>699</b>	<b>101</b>	<b>64</b>	<b>403</b>	<b>19</b>
<b>Midland</b>						
Sexual Health Clinics	No. 5,903	474	75	46	260	0
	Rate <sup>3</sup>	8.0%	1.3%	0.8%	4.4%	0.0%
Family Planning Clinics	No. 5,433	131	3	0	10	0
	Rate <sup>3</sup>	2.4%	0.1%	0.0%	0.2%	0.0%
Student & Youth Health	No. 9,785	26	1	4	1	0
	Rate <sup>3</sup>	0.3%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal Midland</b>	<b>21,121</b>	<b>631</b>	<b>79</b>	<b>50</b>	<b>271</b>	<b>0</b>
<b>Central</b>						
Sexual Health Clinics	No. 4,873	198	40	31	199	2
	Rate <sup>3</sup>	4.1%	0.8%	0.6%	4.1%	0.0%
Family Planning Clinics	No. 9,472	178	9	18	26	0
	Rate <sup>3</sup>	1.9%	0.1%	0.2%	0.3%	0.0%
Student & Youth Health	No. 14,412	104	11	7	8	0
	Rate <sup>3</sup>	0.7%	0.1%	0.0%	0.1%	0.0%
<b>Subtotal Central</b>	<b>28,757</b>	<b>480</b>	<b>60</b>	<b>56</b>	<b>233</b>	<b>2</b>
<b>South</b>						
Sexual Health Clinics	No. 4,076	205	38	49	210	2
	Rate <sup>3</sup>	5.0%	0.9%	1.2%	5.2%	0.0%
Family Planning Clinics	No. 11,576	177	24	11	53	0
	Rate <sup>3</sup>	1.5%	0.2%	0.1%	0.5%	0.0%
Student & Youth Health	No. 16,118	77	6	13	26	0
	Rate <sup>3</sup>	0.5%	0.0%	0.1%	0.2%	0.0%
<b>Subtotal South</b>	<b>31,770</b>	<b>459</b>	<b>68</b>	<b>73</b>	<b>289</b>	<b>2</b>
<b>All</b>						
Sexual Health Clinics	No. 22,253	1,153	229	179	1,001	22
	Rate.	5.2%	1.0%	0.8%	4.5%	0.1%
Family Planning Clinics	No. 46,567	892	58	39	157	1
	Rate.	1.9%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 48,173	224	21	25	38	0
	Rate.	0.5%	0.0%	0.1%	0.1%	0.0%
<b>Total</b>	<b>No. 116,993</b>	<b>2,269</b>	<b>308</b>	<b>243</b>	<b>1,196</b>	<b>23</b>
	<b>Rate.</b>	<b>1.9%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>1.0%</b>	<b>0.0%</b>

<sup>1</sup> Total No. of Clinic Visits = total no. of clinics visits for report period for any reason

<sup>2</sup> First presentation at that clinic.

<sup>3</sup> Rate = (no. of cases/total no. of clinic visits) x100, expressed as a percentage

<sup>4</sup> Infectious syphilis (primary, secondary and early latent)

**Table 1.2: Summary - Chlamydia Site of Infection**

	Confirmed						Total <sup>3</sup>
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>	% <sup>2</sup>	
Sexual Health Clinics	1127	97.7%	20	1.7%	6	0.5%	1153
Family Planning Clinics	866	96.9%	26	2.9%	2	0.2%	894
Student & Youth Health Clinics	222	98.7%	3	1.3%	0	0.0%	225
Total	2215	97.5%	49	2.2%	8	0.4%	2272

**Table 1.3: Summary - Gonorrhoea Site of Infection**

	Confirmed									Total <sup>3</sup>	
	Uncomplicated infection				PID/ epididymitis	Extra-genital infection					
	Urogenital		Anorectal			Pharynx		Other site			
	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>
Sexual Health Clinics	213	93.0%	7	3.1%	2	0.9%	5	2.2%	2	0.9%	229
Family Planning Clinics	55	93.2%	1	1.7%	3	5.1%	0	0.0%	0	0.0%	59
Student & Youth Health Clinics	18	81.8%	1	4.5%	1	4.5%	1	4.5%	1	4.5%	22
Total	286	92.3%	9	2.9%	6	1.9%	6	1.9%	3	1.0%	310

<sup>1</sup>No. = no. of diagnoses by site

<sup>2</sup>% = no. of diagnoses by site/total no. of diagnoses by clinic type, x100

<sup>3</sup>Total = total no. of diagnoses by clinic type; note that some cases may be counted more than once if the disease was confirmed at more than one site.

# Sexual Health Clinic (SHC) Data

## Chlamydia

**Table 2.1: Chlamydia - Cases and Clinic Visit Rates by SHC**

Quarter 1

<u>Total Clinic Visits<sup>1</sup></u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate<sup>2</sup></u>	<u>Total</u>	<u>Rate<sup>2</sup></u>
			<u>No.</u>		<u>No.</u>	
390	540	Whangarei	19	4.9%	33	6.1%
104	152	Dargaville	3	2.9%	3	2.0%
77	88	Kaikohe	8	10.4%	8	9.1%
5499	6621	Auckland	229	4.2%	232	3.5%
<b>6070</b>	<b>7401</b>	<b>North</b>	<b>259</b>	<b>4.3%</b>	<b>276</b>	<b>3.7%</b>
2174	2149	Hamilton	203	9.3%	168	7.8%
1945	1639	Tauranga	131	6.7%	117	7.1%
334	333	Rotorua	25	7.5%	23	6.9%
294	249	Whakatane	39	13.3%	25	10.0%
216	212	Taupo	19	8.8%	13	6.1%
577	562	New Plymouth	73	12.7%	86	15.3%
796	759	Gisborne	46	5.8%	42	5.5%
<b>6336</b>	<b>5903</b>	<b>Midland</b>	<b>536</b>	<b>8.5%</b>	<b>474</b>	<b>8.0%</b>
331	331	Napier	41	12.4%	33	10.0%
156	226	Hastings	20	12.8%	30	13.3%
235	258	Wanganui	9	3.8%	14	5.4%
959	949	Palmerston North/Levin/Dannevirke	70	7.3%	55	5.8%
2398	2137	Wellington	56	2.3%	42	2.0%
268	194	Lower Hutt	8	3.0%	5	2.6%
166	121	Porirua	5	3.0%	4	3.3%
480	487	Nelson	21	4.4%	10	2.1%
137	170	Wairau (Blenheim)	7	5.1%	5	2.9%
<b>5130</b>	<b>4873</b>	<b>Central</b>	<b>237</b>	<b>4.6%</b>	<b>198</b>	<b>4.1%</b>
128	122	Greymouth	1	0.8%	4	3.3%
81	113	Westport/Buller	3	3.7%	4	3.5%
2370	2257	Christchurch	86	3.6%	83	3.7%
43	0	Ashburton	1	2.3%	0	0.0%
141	204	Timaru	11	7.8%	25	12.3%
816	818	Dunedin	40	4.9%	38	4.6%
530	562	Invercargill/Gore	51	9.6%	51	9.1%
<b>4109</b>	<b>4076</b>	<b>South</b>	<b>193</b>	<b>4.7%</b>	<b>205</b>	<b>5.0%</b>
<b>21645</b>	<b>22253</b>	<b>Total</b>	<b>1225</b>	<b>5.7%</b>	<b>1153</b>	<b>5.2%</b>

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.



**Table 2.2: Chlamydia - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	61	111	59	31	16	13	14	0	305
		0.0	9.6	6.8	4.9	3.0	2.1	2.9	1.6	0.0	4.6
	Maori	0	52	43	22	11	9	2	1	0	140
		0.0	17.8	13.0	9.0	6.7	7.1	3.3	1.4	-	10.7
	Pacific Peoples	0	7	16	8	4	3	0	0	0	38
		0.0	14.3	13.3	7.9	6.9	7.5	0.0	0.0	-	8.9
	Other	0	3	13	6	5	3	2	1	0	33
		0.0	5.3	7.7	2.9	3.1	2.6	2.0	0.7	-	3.5
	Unknown	0	2	1	2	1	1	1	0	0	8
		0.0	14.3	3.2	5.4	6.3	4.5	3.4	0.0	-	4.7
<b>Total</b>		<b>0</b>	<b>125</b>	<b>184</b>	<b>97</b>	<b>52</b>	<b>32</b>	<b>18</b>	<b>16</b>	<b>0</b>	<b>524</b>
		<b>0.0</b>	<b>11.9</b>	<b>8.1</b>	<b>5.4</b>	<b>3.7</b>	<b>3.0</b>	<b>2.7</b>	<b>1.4</b>	<b>0.0</b>	<b>5.6</b>
<b>Females</b>	European/Pakeha	3	169	83	37	11	6	2	3	0	314
		4.5	6.7	4.1	3.1	1.4	1.2	0.6	0.7	0.0	4.0
	Maori	15	139	48	24	8	1	1	0	0	236
		15.8	12.7	6.5	5.3	2.8	0.6	1.1	0.0	0.0	7.9
	Pacific Peoples	0	10	8	9	4	1	0	0	0	32
		0.0	6.6	5.1	9.3	6.8	2.9	0.0	0.0	-	5.8
	Other	0	11	12	9	4	1	2	2	0	41
		0.0	6.3	4.0	3.6	2.0	1.0	3.1	1.9	-	3.4
	Unknown	0	5	0	0	1	0	0	0	0	6
		0.0	15.6	0.0	0.0	12.5	0.0	0.0	0.0	-	5.1
<b>Total</b>		<b>18</b>	<b>334</b>	<b>151</b>	<b>79</b>	<b>28</b>	<b>9</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>629</b>
		<b>10.2</b>	<b>8.4</b>	<b>4.7</b>	<b>4.0</b>	<b>2.1</b>	<b>1.1</b>	<b>1.0</b>	<b>0.8</b>	<b>0.0</b>	<b>5.0</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

# Gonorrhoea

**Table 2.3: Gonorrhoea – Cases and Clinic Visit Rates by SHC**

Quarter 1

<u>Total Clinic Visits<sup>1</sup></u>			<u>2006</u>		<u>2007</u>	
			<u>Total</u>		<u>Total</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
390	540	Whangarei	2	0.5%	2	0.4%
104	152	Dargaville	0	0.0%	0	0.0%
77	88	Kaikohe	0	0.0%	0	0.0%
5499	6621	Auckland	65	1.2%	74	1.1%
<b>6070</b>	<b>7401</b>	<b>North</b>	<b>67</b>	<b>1.1%</b>	<b>76</b>	<b>1.0%</b>
2174	2149	Hamilton	30	1.4%	31	1.4%
1945	1639	Tauranga	18	0.9%	20	1.2%
334	333	Rotorua	4	1.2%	6	1.8%
294	249	Whakatane	9	3.1%	1	0.4%
216	212	Taupo	3	1.4%	0	0.0%
577	562	New Plymouth	1	0.2%	8	1.4%
796	759	Gisborne	9	1.1%	9	1.2%
<b>6336</b>	<b>5903</b>	<b>Midland</b>	<b>74</b>	<b>1.2%</b>	<b>75</b>	<b>1.3%</b>
331	331	Napier	15	4.5%	9	2.7%
156	226	Hastings	5	3.2%	9	4.0%
235	258	Wanganui	2	0.9%	2	0.8%
959	949	Palmerston North/Levin/Dannevirke	8	0.8%	4	0.4%
2398	2137	Wellington	8	0.3%	9	0.4%
268	194	Lower Hutt	2	0.7%	4	2.1%
166	121	Porirua	2	1.2%	0	0.0%
480	487	Nelson	4	0.8%	3	0.6%
137	170	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>5130</b>	<b>4873</b>	<b>Central</b>	<b>46</b>	<b>0.9%</b>	<b>40</b>	<b>0.8%</b>
128	122	Greymouth	0	0.0%	0	0.0%
81	113	Westport/Buller	0	0.0%	0	0.0%
2370	2257	Christchurch	17	0.7%	20	0.9%
43	0	Ashburton	0	0.0%	0	0.0%
141	204	Timaru	0	0.0%	6	2.9%
816	818	Dunedin	2	0.2%	5	0.6%
530	562	Invercargill/Gore	16	3.0%	7	1.2%
<b>4109</b>	<b>4076</b>	<b>South</b>	<b>35</b>	<b>0.9%</b>	<b>38</b>	<b>0.9%</b>
<b>21645</b>	<b>22253</b>	<b>Total</b>	<b>222</b>	<b>1.0%</b>	<b>229</b>	<b>1.0%</b>

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.4: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	11	19	5	7	2	3	10	0	57
		0.0	1.7	1.2	0.4	0.7	0.3	0.7	1.2	0.0	0.9
	Maori	0	14	8	9	11	5	1	2	0	50
		0.0	4.8	2.4	3.7	6.7	3.9	1.6	2.8	-	3.8
	Pacific Peoples	0	4	3	4	2	0	0	0	0	13
		0.0	8.2	2.5	4.0	3.4	0.0	0.0	0.0	-	3.0
	Other	0	1	0	2	4	0	0	1	0	8
		0.0	1.8	0.0	1.0	2.5	0.0	0.0	0.7	-	0.8
	Unknown	0	0	1	0	1	0	0	0	0	2
		0.0	0.0	3.7	0.0	6.7	0.0	0.0	0.0	0.0	1.2
<b>Total</b>		<b>0</b>	<b>30</b>	<b>31</b>	<b>20</b>	<b>25</b>	<b>7</b>	<b>4</b>	<b>13</b>	<b>0</b>	<b>130</b>
		<b>0.0</b>	<b>2.9</b>	<b>1.4</b>	<b>1.1</b>	<b>1.8</b>	<b>0.7</b>	<b>0.6</b>	<b>1.2</b>	<b>0.0</b>	<b>1.4</b>
<b>Females</b>	European/Pakeha	1	21	9	3	3	0	0	0	0	37
		1.5	0.8	0.4	0.3	0.4	0.0	0.0	0.0	0.0	0.5
	Maori	1	28	12	7	1	0	1	0	0	50
		1.1	2.6	1.6	1.6	0.3	0.0	1.1	0.0	0.0	1.7
	Pacific Peoples	0	2	1	3	0	0	0	0	0	6
		0.0	1.3	0.6	3.1	0.0	0.0	0.0	0.0	-	1.1
	Other	0	0	2	1	1	0	0	0	0	4
		0.0	0.0	1.1	0.6	0.8	0.0	0.0	0.0	-	0.5
	Unknown	0	1	0	1	0	0	0	0	0	2
		0.0	12.5	0.0	9.1	0.0	0.0	0.0	0.0	-	4.5
<b>Total</b>		<b>2</b>	<b>52</b>	<b>24</b>	<b>15</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>99</b>
		<b>1.2</b>	<b>1.3</b>	<b>0.8</b>	<b>0.8</b>	<b>0.4</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.8</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Herpes (First presentation)

**Table 2.5: Genital Herpes – Cases and Clinic Visit Rates by SHC**

Quarter 1

<u>Total Clinic Visits<sup>1</sup></u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>Total</u>
				<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>
390	540	Whangarei	9	2.3%	8	1.5%
104	152	Dargaville	0	0.0%	0	0.0%
77	88	Kaikohe	0	0.0%	0	0.0%
5499	6621	Auckland	46	0.8%	45	0.7%
<b>6070</b>	<b>7401</b>	<b>North</b>	<b>55</b>	<b>0.9%</b>	<b>53</b>	<b>0.7%</b>
2174	2149	Hamilton	25	1.1%	22	1.0%
1945	1639	Tauranga	22	1.1%	15	0.9%
334	333	Rotorua	3	0.9%	3	0.9%
294	249	Whakatane	1	0.3%	1	0.4%
216	212	Taupo	1	0.5%	0	0.0%
577	562	New Plymouth	6	1.0%	5	0.9%
796	759	Gisborne	1	0.1%	0	0.0%
<b>6336</b>	<b>5903</b>	<b>Midland</b>	<b>59</b>	<b>0.9%</b>	<b>46</b>	<b>0.8%</b>
331	331	Napier	2	0.6%	3	0.9%
156	226	Hastings	5	3.2%	2	0.9%
235	258	Wanganui	3	1.3%	1	0.4%
959	949	Palmerston North/Levin/Dannevirke	8	0.8%	4	0.4%
2398	2137	Wellington	16	0.7%	14	0.7%
268	194	Lower Hutt	1	0.4%	3	1.5%
166	121	Porirua	0	0.0%	0	0.0%
480	487	Nelson	2	0.4%	4	0.8%
137	170	Wairau (Blenheim)	2	1.5%	0	0.0%
<b>5130</b>	<b>4873</b>	<b>Central</b>	<b>39</b>	<b>0.8%</b>	<b>31</b>	<b>0.6%</b>
128	122	Greymouth	1	0.8%	1	0.8%
81	113	Westport/Buller	0	0.0%	2	1.8%
2370	2257	Christchurch	23	1.0%	26	1.2%
43	0	Ashburton	0	0.0%	0	0.0%
141	204	Timaru	4	2.8%	7	3.4%
816	818	Dunedin	9	1.1%	7	0.9%
530	562	Invercargill/Gore	1	0.2%	6	1.1%
<b>4109</b>	<b>4076</b>	<b>South</b>	<b>38</b>	<b>0.9%</b>	<b>49</b>	<b>1.2%</b>
<b>21645</b>	<b>22253</b>	<b>Total</b>	<b>191</b>	<b>0.9%</b>	<b>179</b>	<b>0.8%</b>

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.6: Genital Herpes - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	7	11	12	14	9	5	2	0	60
		0.0	1.1	0.7	1.0	1.4	1.2	1.1	0.2	0.0	0.9
	Maori	0	1	4	1	0	2	0	1	0	9
		0.0	0.5	1.8	0.6	0.0	2.2	0.0	1.9	-	1.0
	Pacific Peoples	0	0	0	0	0	0	1	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	-	0.9
	Other	0	0	1	0	0	0	1	1	0	3
		0.0	0.0	0.8	0.0	0.0	0.0	1.3	1.0	-	0.4
	Unknown	0	0	0	1	2	0	0	0	0	3
		0.0	0.0	0.0	1.7	9.5	0.0	0.0	0.0	0.0	1.2
	<b>Total</b>	<b>0</b>	<b>8</b>	<b>16</b>	<b>14</b>	<b>16</b>	<b>11</b>	<b>7</b>	<b>4</b>	<b>0</b>	<b>76</b>
		<b>0.0</b>	<b>0.9</b>	<b>0.8</b>	<b>0.9</b>	<b>1.2</b>	<b>1.1</b>	<b>1.1</b>	<b>0.4</b>	<b>0.0</b>	<b>0.9</b>
<b>Females</b>	European/Pakeha	0	23	21	8	12	6	3	7	0	80
		0.0	0.9	1.0	0.7	1.6	1.2	0.9	1.7	0.0	1.0
	Maori	0	7	4	2	0	0	0	0	0	13
		0.0	0.6	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	1.0	1.5	0.0	0.0	0.0	0.0	-	0.5
	Other	0	0	1	1	3	2	0	0	0	7
		0.0	0.0	0.3	0.4	1.5	1.9	0.0	0.0	-	0.6
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	-	1.9
	<b>Total</b>	<b>0</b>	<b>30</b>	<b>28</b>	<b>12</b>	<b>15</b>	<b>8</b>	<b>3</b>	<b>7</b>	<b>0</b>	<b>103</b>
		<b>0.0</b>	<b>0.8</b>	<b>0.9</b>	<b>0.6</b>	<b>1.2</b>	<b>1.0</b>	<b>0.6</b>	<b>1.1</b>	<b>0.0</b>	<b>0.8</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Warts (First presentation)

**Table 2.7: Genital Warts – Cases and Clinic Visit Rates by SHC**

Quarter 1

<u>Total Clinic Visits<sup>1</sup></u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>Total</u>
				<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>
390	540	Whangarei	12	3.1%	32	5.9%
104	152	Dargaville	1	1.0%	1	0.7%
77	88	Kaikohe	0	0.0%	0	0.0%
5499	6621	Auckland	259	4.7%	299	4.5%
<b>6070</b>	<b>7401</b>	<b>North</b>	<b>272</b>	<b>4.5%</b>	<b>332</b>	<b>4.5%</b>
2174	2149	Hamilton	107	4.9%	113	5.3%
1945	1639	Tauranga	82	4.2%	76	4.6%
334	333	Rotorua	24	7.2%	21	6.3%
294	249	Whakatane	16	5.4%	21	8.4%
216	212	Taupo	0	0.0%	0	0.0%
577	562	New Plymouth	36	6.2%	29	5.2%
796	759	Gisborne	0	0.0%	0	0.0%
<b>6336</b>	<b>5903</b>	<b>Midland</b>	<b>265</b>	<b>4.2%</b>	<b>260</b>	<b>4.4%</b>
331	331	Napier	16	4.8%	16	4.8%
156	226	Hastings	10	6.4%	21	9.3%
235	258	Wanganui	18	7.7%	7	2.7%
959	949	Palmerston North/Levin/Dannevirke	37	3.9%	28	3.0%
2398	2137	Wellington	77	3.2%	68	3.2%
268	194	Lower Hutt	11	4.1%	8	4.1%
166	121	Porirua	11	6.6%	8	6.6%
480	487	Nelson	30	6.3%	23	4.7%
137	170	Wairau (Blenheim)	14	10.2%	20	11.8%
<b>5130</b>	<b>4873</b>	<b>Central</b>	<b>224</b>	<b>4.4%</b>	<b>199</b>	<b>4.1%</b>
128	122	Greymouth	11	8.6%	6	4.9%
81	113	Westport/Buller	2	2.5%	4	3.5%
2370	2257	Christchurch	91	3.8%	100	4.4%
43	0	Ashburton	3	7.0%	0	0.0%
141	204	Timaru	10	7.1%	5	2.5%
816	818	Dunedin	40	4.9%	40	4.9%
530	562	Invercargill/Gore	46	8.7%	55	9.8%
<b>4109</b>	<b>4076</b>	<b>South</b>	<b>203</b>	<b>4.9%</b>	<b>210</b>	<b>5.2%</b>
<b>21645</b>	<b>22253</b>	<b>Total</b>	<b>964</b>	<b>4.5%</b>	<b>1001</b>	<b>4.5%</b>

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.8: Genital Warts - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	45	103	71	54	35	12	24	0	344
		0.0	7.1	6.3	5.8	5.3	4.6	2.7	2.8	0.0	5.2
	Maori	0	13	19	16	6	1	2	0	0	57
		0.0	4.5	5.7	6.5	3.6	0.8	3.3	0.0	-	4.4
	Pacific Peoples	0	3	5	4	1	2	1	0	0	16
		0.0	6.1	4.2	4.0	1.7	5.0	3.7	0.0	-	3.7
	Other	0	1	9	8	6	4	1	0	0	29
		0.0	1.8	5.3	3.8	3.8	3.5	1.0	0.0	-	3.0
	Unknown	0	4	1	1	1	2	2	0	0	11
		0.0	17.4	2.4	1.7	4.8	5.7	4.7	0.0	0.0	4.3
<b>Total</b>		<b>0</b>	<b>66</b>	<b>137</b>	<b>100</b>	<b>68</b>	<b>44</b>	<b>18</b>	<b>24</b>	<b>0</b>	<b>457</b>
		<b>0.0</b>	<b>6.2</b>	<b>6.0</b>	<b>5.5</b>	<b>4.8</b>	<b>4.1</b>	<b>2.7</b>	<b>2.1</b>	<b>0.0</b>	<b>4.8</b>
<b>Females</b>	European/Pakeha	1	167	115	43	24	17	3	4	0	374
		1.5	6.6	5.7	3.6	3.1	3.5	0.9	1.0	0.0	4.8
	Maori	3	56	28	10	9	2	1	0	0	109
		3.2	5.1	3.8	2.2	3.1	1.3	1.1	0.0	0.0	3.6
	Pacific Peoples	0	5	10	3	0	3	0	0	0	21
		0.0	3.3	6.3	3.1	0.0	8.8	0.0	0.0	-	3.8
	Other	0	5	13	9	3	1	0	0	0	31
		0.0	2.9	4.4	3.6	1.5	1.0	0.0	0.0	-	2.6
	Unknown	0	1	4	1	0	1	1	1	0	9
		0.0	2.5	8.9	4.5	0.0	4.0	10.0	11.1	-	5.6
<b>Total</b>		<b>4</b>	<b>234</b>	<b>170</b>	<b>66</b>	<b>36</b>	<b>24</b>	<b>5</b>	<b>5</b>	<b>0</b>	<b>544</b>
		<b>2.3</b>	<b>5.9</b>	<b>5.2</b>	<b>3.3</b>	<b>2.7</b>	<b>3.0</b>	<b>0.9</b>	<b>0.8</b>	<b>0.0</b>	<b>4.3</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

# Syphilis

**Table 2.9: Syphilis – Cases and Clinic Visit Rates by SHC**

Quarter 1

<u>Total Clinic Visits<sup>1</sup></u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>Total</u>
						<u>No.</u>
390	540	Whangarei	0	0.0%	0	0.0%
104	152	Dargaville	0	0.0%	0	0.0%
77	88	Kaikohe	0	0.0%	0	0.0%
5499	6621	Auckland	7	0.1%	18	0.3%
<b>6070</b>	<b>7401</b>	<b>North</b>	<b>7</b>	<b>0.1%</b>	<b>18</b>	<b>0.2%</b>
2174	2149	Hamilton	5	0.2%	0	0.0%
1945	1639	Tauranga	0	0.0%	0	0.0%
334	333	Rotorua	0	0.0%	0	0.0%
294	249	Whakatane	0	0.0%	0	0.0%
216	212	Taupo	0	0.0%	0	0.0%
577	562	New Plymouth	0	0.0%	0	0.0%
796	759	Gisborne	0	0.0%	0	0.0%
<b>6336</b>	<b>5903</b>	<b>Midland</b>	<b>5</b>	<b>0.1%</b>	<b>0</b>	<b>0.0%</b>
331	331	Napier	0	0.0%	0	0.0%
156	226	Hastings	0	0.0%	0	0.0%
235	258	Wanganui	0	0.0%	0	0.0%
959	949	Palmerston North/Levin/Dannevirke	2	0.2%	1	0.1%
2398	2137	Wellington	3	0.1%	1	0.0%
268	194	Lower Hutt	0	0.0%	0	0.0%
166	121	Porirua	1	0.6%	0	0.0%
480	487	Nelson	0	0.0%	0	0.0%
137	170	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>5130</b>	<b>4873</b>	<b>Central</b>	<b>6</b>	<b>0.1%</b>	<b>2</b>	<b>0.0%</b>
128	122	Greymouth	0	0.0%	0	0.0%
81	113	Westport/Buller	0	0.0%	0	0.0%
2370	2257	Christchurch	0	0.0%	2	0.1%
43	0	Ashburton	0	0.0%	0	0.0%
141	204	Timaru	0	0.0%	0	0.0%
816	818	Dunedin	0	0.0%	0	0.0%
530	562	Invercargill/Gore	0	0.0%	0	0.0%
<b>4109</b>	<b>4076</b>	<b>South</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>0.0%</b>
<b>21645</b>	<b>22253</b>	<b>Total</b>	<b>18</b>	<b>0.1%</b>	<b>22</b>	<b>0.1%</b>

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.



**Table 2.10: Syphilis - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	0	4	1	1	1	2	4	0	13
		0.0	0.0	0.2	0.1	0.1	0.1	0.5	0.5	0.0	0.2
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	0.9
	Other	0	0	0	2	1	1	0	1	0	5
		0.0	0.0	0.0	1.0	0.6	0.9	0.0	0.7	-	0.5
	Unknown	0	0	0	0	0	0	1	0	0	1
<b>Females</b>		0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	1.2
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>20</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.5</b>	<b>0.5</b>	<b>0.0</b>	<b>0.3</b>
	Pacific Peoples	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	0.8	1.5	0.0	0.0	0.0	0.0	-	0.5
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.8</b>	<b>1.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## NSU (Males Only)

**Table 2.11: NSU (Males Only) – Cases and Clinic Visit Rates by SHC**

Quarter 1

<u>Total Clinic Visits for males<sup>1</sup></u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>		<u>Total</u>	
			<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
113	173	Whangarei	0	0.0%	0	0.0%
5	9	Dargaville	0	0.0%	0	0.0%
4	9	Kaikohe	0	0.0%	0	0.0%
2762	3306	Auckland	109	3.9%	92	2.8%
<b>2884</b>	<b>3497</b>	<b>North</b>	<b>109</b>	<b>3.8%</b>	<b>92</b>	<b>2.6%</b>
825	857	Hamilton	17	2.1%	17	2.0%
386	411	Tauranga	11	2.8%	16	3.9%
159	140	Rotorua	3	1.9%	0	0.0%
59	69	Whakatane	6	10.2%	1	1.4%
54	68	Taupo	2	3.7%	0	0.0%
249	242	New Plymouth	12	4.8%	19	7.9%
65	79	Gisborne	0	0.0%	0	0.0%
<b>1797</b>	<b>1866</b>	<b>Midland</b>	<b>51</b>	<b>2.8%</b>	<b>53</b>	<b>2.8%</b>
65	83	Napier	0	0.0%	0	0.0%
35	48	Hastings	0	0.0%	0	0.0%
81	80	Wanganui	1	1.2%	0	0.0%
400	411	Palmerston North/Levin/Dannevirke	26	6.5%	16	3.9%
1166	1101	Wellington	0	0.0%	0	0.0%
131	92	Lower Hutt	0	0.0%	0	0.0%
60	37	Porirua	0	0.0%	0	0.0%
242	231	Nelson	9	3.7%	11	4.8%
72	116	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>2252</b>	<b>2199</b>	<b>Central</b>	<b>36</b>	<b>1.6%</b>	<b>27</b>	<b>1.2%</b>
56	37	Greymouth	0	0.0%	0	0.0%
28	39	Westport/Buller	0	0.0%	0	0.0%
1337	1203	Christchurch	14	1.0%	22	1.8%
15	0	Ashburton	0	0.0%	0	0.0%
75	120	Timaru	0	0.0%	0	0.0%
285	299	Dunedin	1	0.4%	4	1.3%
280	260	Invercargill/Gore	8	2.9%	8	3.1%
<b>2076</b>	<b>1958</b>	<b>South</b>	<b>23</b>	<b>1.1%</b>	<b>34</b>	<b>1.7%</b>
<b>9009</b>	<b>9520</b>	<b>Total</b>	<b>219</b>	<b>2.4%</b>	<b>206</b>	<b>2.2%</b>

<sup>1</sup> Total No. of Clinic Visits = total no. of clinic visits for the report period for any reason.

<sup>2</sup> Rate = (no. of cases/total no. of clinic visits for males) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

**Table 2.12: NSU (Males only) - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	18	33	24	29	12	12	22	0	150
		0.0	2.8	2.0	2.0	2.8	1.6	2.7	2.6	0.0	2.3
	Maori	0	2	7	8	3	1	1	0	0	22
		0.0	0.7	2.1	3.3	1.8	0.8	1.6	0.0	-	1.7
	Pacific Peoples	0	2	1	2	1	0	1	0	0	7
		0.0	6.1	1.4	2.8	2.4	0.0	5.6	0.0	-	2.4
	Other	0	1	3	3	3	5	1	2	0	18
		0.0	1.8	1.8	1.4	1.9	4.4	1.0	1.4	-	1.9
	Unknown	0	0	1	1	1	2	4	0	0	9
		0.0	0.0	2.4	1.7	4.8	5.7	9.3	0.0	0.0	3.6
	Total	0	23	45	38	37	20	19	24	0	206
		0.0	2.2	2.0	2.1	2.6	1.9	2.9	2.1	0.0	2.2

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

# Family Planning Clinic (FPC) Data

## Chlamydia

**Table 3.1: Chlamydia - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	29	27	4	0	1	0	0	0	61
		0.0	6.2	5.2	2.1	0.0	0.8	0.0	0.0	0.0	3.8
	Maori	0	11	11	2	1	1	0	0	0	26
		0.0	13.4	18.0	10.0	6.3	33.3	0.0	0.0	-	13.3
	Pacific Peoples	0	3	3	0	1	0	0	0	0	7
		0.0	7.9	7.7	0.0	7.7	0.0	0.0	0.0	-	6.3
	Other	0	7	5	1	0	1	1	1	0	16
		0.0	8.8	6.0	2.9	0.0	3.7	4.8	4.0	-	5.4
	Unknown	0	1	3	1	1	0	0	0	0	6
		0.0	3.8	8.3	5.0	5.3	0.0	0.0	0.0	0.0	4.7
Total		0	51	49	8	3	3	1	1	0	116
		0.0	7.3	6.6	2.9	1.8	1.8	0.9	0.9	0.0	5.0
Females	European/Pakeha	7	243	152	34	8	3	2	1	1	451
		1.6	2.2	1.6	0.9	0.4	0.2	0.2	0.1	7.7	1.5
	Maori	4	86	33	6	2	0	0	0	0	131
		3.3	5.3	3.4	1.6	0.8	0.0	0.0	0.0	0.0	3.6
	Pacific Peoples	0	24	22	11	1	4	0	0	0	62
		0.0	4.1	3.8	4.4	0.8	5.4	0.0	0.0	-	3.6
	Other	4	50	26	14	4	1	0	0	0	99
		4.0	2.5	1.5	1.6	0.7	0.2	0.0	0.0	0.0	1.6
	Unknown	0	19	9	5	0	0	0	0	0	33
		0.0	3.6	2.0	1.9	0.0	0.0	0.0	0.0	0.0	1.8
Total		15	422	242	70	15	8	2	1	1	776
		2.1	2.7	1.8	1.3	0.4	0.3	0.1	0.1	2.9	1.8

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Gonorrhoea

**Table 3.2: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	3	1	0	0	0	0	0	0	4
		0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	3	1	0	0	0	0	0	0	4
		0.0	4.8	2.4	0.0	0.0	0.0	0.0	0.0	-	2.8
	Pacific Peoples	0	2	0	0	0	0	0	0	0	2
		0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	-	2.4
	Other	0	1	0	0	0	0	0	0	0	1
		0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	-	0.9
	Unknown	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	3.1	6.7	0.0	0.0	0.0	0.0	-	1.9
<b>Total</b>		<b>0</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13</b>
		<b>0.0</b>	<b>1.5</b>	<b>0.5</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.6</b>
<b>Females</b>	European/Pakeha	1	17	6	3	0	0	0	0	0	27
		0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	5	3	0	0	0	0	0	0	8
		0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	2	0	1	0	0	0	0	0	3
		0.0	0.5	0.0	0.6	0.0	0.0	0.0	0.0	-	0.2
	Other	0	2	1	0	1	0	0	0	0	4
		0.0	0.1	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.1
	Unknown	0	2	1	0	0	0	0	0	0	3
		0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
<b>Total</b>		<b>1</b>	<b>28</b>	<b>11</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>
		<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Herpes (First presentation)

**Table 3.3: Genital Herpes - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 1 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
<b>Males</b>	European/Pakeha	0	1	1	1	0	1	0	0	4
		0.0	0.3	0.3	0.8	0.0	1.0	0.0	0.0	0.4
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>Females</b>		<b>0.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.8</b>	<b>0.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.4</b>
	European/Pakeha	0	9	10	2	1	1	0	4	27
		0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.3	0.1
	Maori	0	1	0	0	0	0	0	0	1
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Other	0	3	1	1	0	0	0	0	5
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1
	Unknown	0	1	1	0	0	0	0	0	2
		0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.3
	<b>Total</b>	<b>0</b>	<b>14</b>	<b>12</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>35</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>0.1</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Warts (First presentation)

**Table 3.4: Genital Warts - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	5	15	3	2	1	0	0	0	26
		0.0	1.1	2.9	1.6	2.0	0.8	0.0	0.0	0.0	1.6
	Maori	0	2	0	0	1	0	0	0	0	3
		0.0	3.5	0.0	0.0	11.1	0.0	0.0	0.0	-	2.3
	Pacific Peoples	0	0	2	0	1	0	0	0	0	3
		0.0	0.0	7.4	0.0	14.3	0.0	0.0	0.0	-	3.9
	Other	0	1	6	1	0	0	0	0	0	8
		0.0	1.3	7.1	2.9	0.0	0.0	0.0	0.0	-	2.7
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	-	1.8
<b>Total</b>		<b>0</b>	<b>8</b>	<b>24</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</b>
		<b>0.0</b>	<b>1.2</b>	<b>3.5</b>	<b>1.6</b>	<b>2.8</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.9</b>
<b>Females</b>	European/Pakeha	2	34	34	4	3	0	0	1	0	78
		0.5	0.3	0.4	0.1	0.1	0.0	0.0	0.1	0.0	0.3
	Maori	0	8	5	1	1	0	0	0	0	15
		0.0	0.5	0.5	0.3	0.4	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	2	1	0	0	0	0	0	0	3
		0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	-	0.2
	Other	0	11	0	0	0	0	0	0	0	11
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Unknown	0	2	5	0	1	1	0	0	0	9
		0.0	0.4	1.1	0.0	0.6	0.7	0.0	0.0	0.0	0.5
<b>Total</b>		<b>2</b>	<b>57</b>	<b>45</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>116</b>
		<b>0.3</b>	<b>0.4</b>	<b>0.3</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

# Student & Youth Health Clinic (SYHC) Data

## Chlamydia

**Table 4.1: Chlamydia - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	13	20	2	1	0	0	1	0	37
		0.0	1.1	0.8	0.3	0.4	0.0	0.0	0.4	0.0	0.7
	Maori	0	4	9	1	0	0	0	0	0	14
		0.0	2.1	3.5	1.0	0.0	0.0	0.0	0.0	0.0	1.8
	Pacific Peoples	0	1	1	0	0	0	0	0	0	2
		0.0	4.8	2.9	0.0	0.0	0.0	0.0	0.0	-	1.9
	Other	0	0	4	0	0	0	0	0	0	4
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	-	0.2
	Unknown	0	2	1	0	0	0	0	0	0	3
		0.0	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>Total</b>		<b>0</b>	<b>20</b>	<b>35</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>60</b>
		<b>0.0</b>	<b>1.2</b>	<b>0.9</b>	<b>0.3</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.5</b>
<b>Females</b>	European/Pakeha	4	37	43	4	1	0	0	0	0	89
		6.7	0.8	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.6
	Maori	1	25	14	2	2	1	0	0	0	45
		3.3	5.1	1.8	0.8	2.2	0.9	0.0	0.0	0.0	2.3
	Pacific Peoples	0	4	2	1	0	0	0	0	0	7
		0.0	3.0	1.1	2.1	0.0	0.0	0.0	0.0	-	1.6
	Other	0	3	6	4	0	0	0	0	0	13
		0.0	0.6	0.3	0.6	0.0	0.0	0.0	0.0	-	0.3
	Unknown	0	3	6	0	1	0	0	0	0	10
		0.0	5.6	3.9	0.0	11.1	0.0	0.0	0.0	0.0	0.1
<b>Total</b>		<b>5</b>	<b>72</b>	<b>71</b>	<b>11</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>164</b>
		<b>4.0</b>	<b>1.3</b>	<b>0.6</b>	<b>0.5</b>	<b>0.4</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage



## Gonorrhoea

**Table 4.2: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 1 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
<b>Males</b>	European/Pakeha	0	3	1	2	0	0	0	0	6
		0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.1
	Maori	0	1	0	0	0	0	0	0	1
		0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
<b>Total</b>		<b>0</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>
		<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
<b>Females</b>	European/Pakeha	1	3	4	0	0	0	0	0	8
		2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	4	0	1	0	0	0	0	5
		0.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.3
	Unknown	0	0	1	0	0	0	0	0	1
		0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>		<b>1</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>
		<b>1.5</b>	<b>0.2</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Herpes (First presentation)

**Table 4.3: Genital Herpes - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 1 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
<b>Males</b>	European/Pakeha	0	1	1	0	0	0	0	0	2
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	1	0	0	0	0	0	0	1
		0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Unknown	0	0	1	0	0	0	0	0	1
<b>Females</b>		0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.1
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
		<b>0.0</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
	European/Pakeha	0	6	9	2	1	0	0	0	18
		0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.1
<b>Females</b>	Maori	0	0	1	0	0	1	0	0	2
		0.0	0.0	0.2	0.0	0.0	2.0	0.0	0.0	0.2
	Unknown	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	<b>0</b>	<b>6</b>	<b>10</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>21</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Genital Warts (first presentation)

**Table 4.4: Genital Warts – Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 1 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
<b>Males</b>	European/Pakeha	0	2	6	0	0	0	0	0	0	8
		0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Unknown	0	0	4	0	0	0	0	0	0	4
		0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>Total</b>		<u>0</u>	<u>2</u>	<u>11</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>13</u>
		<u>0.0</u>	<u>0.2</u>	<u>0.4</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>
<b>Females</b>	European/Pakeha	0	6	11	2	0	0	0	0	0	19
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	2	0	0	0	0	0	0	0	2
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	-	0.4
	Unknown	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>		<u>0</u>	<u>8</u>	<u>15</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>25</u>
		<u>0.0</u>	<u>0.2</u>	<u>0.2</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>

<sup>1</sup>Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

## Appendix: STI Surveillance Case Definitions

<b>Chlamydia</b>	<p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> in a clinical specimen. Cases should be classified as:</p> <ol style="list-style-type: none"> <li>1. uncomplicated infection of the lower anogenital* tract * Includes urogenital and anorectal infection.</li> <li>2. PID (pelvic inflammatory disease) or epididymitis</li> <li>3. infection of another site (eg, eye or pharynx)</li> </ol> <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> <li>• symptomatic, <b>and</b></li> <li>• a contact of a confirmed case, <b>and</b></li> <li>• non-laboratory confirmed (test negative or test not done).</li> </ul>
<b>Gonorrhoea</b>	<p><i>Confirmed</i> Laboratory isolation of <i>Neisseria gonorrhoeae</i> from a clinical specimen. Cases should be classified as:</p> <ol style="list-style-type: none"> <li>1. uncomplicated infection of one or both of the following: <ol style="list-style-type: none"> <li>a) urogenital tract</li> <li>b) anorectal area (proctitis)</li> </ol> </li> <li>2. PID (pelvic inflammatory disease) or epididymitis</li> <li>3. extra-genital infection of one or both of the following: <ol style="list-style-type: none"> <li>a) pharynx</li> <li>b) other site not listed</li> </ol> </li> </ol> <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> <li>• symptomatic, <b>and</b></li> <li>• a contact of a confirmed case, <b>and</b></li> <li>• non-laboratory confirmed (test negative or test not done).</li> </ul>
<b>Anogenital Herpes</b>	<p>First diagnosis for the person at your clinic, with either</p> <ol style="list-style-type: none"> <li>1. laboratory detection of herpes simplex virus (HSV) from a clinical specimen,</li> <li><b>or</b></li> <li>2. a clinically compatible illness in the lower anogenital and buttock area (syphilis should be considered as a cause of genital ulceration)</li> </ol>
<b>Anogenital Warts</b>	<p>First diagnosis for the person at your clinic, with <u>visible</u>* typical lesion(s) on internal or external genitalia, perineum, or perianal region.</p> <p>* Do not include persons for whom there is <u>only</u> demonstration of human papillomavirus (HPV) on cervical cytology or other laboratory method.</p>
<b>Syphilis</b>	<p>Infectious syphilis (primary, secondary, and early latent) as diagnosed or confirmed by a venereologist, and early congenital syphilis as diagnosed or confirmed by a paediatrician or venereologist.</p>
<b>Non-Specific Urethritis (NSU) (males only)</b>	<p>Urethral discharge in a sexually active male with laboratory exclusion of gonorrhoea and chlamydia, who does not meet the definition of a probable case of gonorrhoea or chlamydia.</p>
<b>Chancroid</b>	<p><i>Confirmed</i> Isolation of <i>Haemophilus ducreyi</i> from a clinical specimen.</p> <p><i>Probable</i> Typical 'shoal of fish' pattern on gram stain of a clinical specimen, where syphilis, granuloma inguinale (GI) and anogenital herpes have been excluded,</p> <p><b>or</b></p> <p>A clinically compatible illness in a patient who is a contact of a confirmed case.</p>
<b>Granuloma inguinale (GI)</b>	<p><i>Confirmed</i> Demonstration of intracytoplasmic Donovan bodies on Wright or Giemsa stained smears or biopsies of clinical specimens.</p> <p><i>Probable</i> A clinically compatible illness in a patient who is a contact of a confirmed case.</p>
<b>Lymphogranuloma venereum (LGV)</b>	<p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> serotype L<sub>1</sub>, L<sub>2</sub> or L<sub>3</sub> from a clinical specimen.</p> <p><i>Probable</i> A clinically compatible illness with complement fixation titre of &gt; 64 and other causes of ulcerations excluded,</p> <p><b>or</b></p> <p>A clinically compatible illness in a person who is a contact of a confirmed case.</p>