

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

**July to September 2009**

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> 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 17 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 10<sup>th</sup> December 2009. 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, 25 clinics provided STI data by the date required for all three months in the third quarter (July to September) 2009.

#### FPCs

Thirty-six FPCs participate in STI surveillance. Of these, all 36 clinics provided STI data by the date required for all three months in the third quarter (July to September) 2009. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

#### SYHCs

Seventeen SYHCs participate in STI surveillance. Of these, 16 clinics provided STI data by the date required for all three months in the third quarter (July to September) 2009. It should be noted that some SYHCs based in schools or tertiary institutions may be closed during holiday periods.

## Overview

### *Sexual Health Clinics (SHCs)*

During the current quarter, SHCs reported 20 436 visits. A total of 1 072 cases of chlamydia, 209 cases of gonorrhoea, 218 cases of genital herpes, 771 cases of genital warts, 53 cases of syphilis and 209 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2008 are shown in Table 1.

### *Family Planning Clinics (FPCs)*

During the current quarter, FPCs reported 49 758 visits. A total of 890 cases of chlamydia, 54 cases of gonorrhoea, 50 cases of genital herpes, 139 cases of genital warts and two cases of NSU were reported. There were no cases of syphilis reported in this quarter. STI rates and comparisons with the equivalent quarter in 2008 are shown in Table 1.

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

During the current quarter, SYHCs reported 69 433 visits. A total of 249 cases of chlamydia, seven cases of gonorrhoea, 43 cases of genital herpes, 68 cases of genital warts, and 5 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 2008 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 July to September 2009, compared to the equivalent quarter of 2008.

Clinical setting	STI	July to September 2008		July to September 2009		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	1237	5.7	1072	5.2	▼
	Gonorrhoea	241	1.1	209	1.0	▼
	Genital herpes	219	1.0	218	1.1	▲
	Genital warts	927	4.2	771	3.8	▼
	Syphilis	21	0.1	53	0.3	▲
	NSU (Males Only)	216	2.3	209	2.5	▲
FPCs	Chlamydia	854	1.9	890	1.8	▼
	Gonorrhoea	35	0.1	54	0.1	▲
	Genital herpes	32	0.1	50	0.1	▲
	Genital warts	130	0.3	139	0.3	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	4	0.2	2	0.1	▼
SYHCs	Chlamydia	281	0.4	249	0.4	—
	Gonorrhoea	12	0.0	7	0.0	—
	Genital herpes	22	0.0	43	0.1	▲
	Genital warts	74	0.1	68	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	4	0.0	5	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 3, 2009

<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>3</sup></u>
<b>North</b>							
Sexual Health Clinics	No.	5,744	358	82	63	238	14
	Rate <sup>4</sup>		6.2%	1.4%	1.1%	4.1%	0.2%
Family Planning Clinics	No.	18,894	338	16	8	58	0
	Rate <sup>4</sup>		1.8%	0.1%	0.0%	0.3%	0.0%
Student & Youth Health Clinics	No.	7,791	23	1	0	1	0
	Rate <sup>4</sup>		0.3%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal North</b>		<b>32,429</b>	<b>719</b>	<b>99</b>	<b>71</b>	<b>297</b>	<b>14</b>
<b>Midland</b>							
Sexual Health Clinics	No.	6,180	385	57	66	192	3
	Rate <sup>4</sup>		6.2%	0.9%	1.1%	3.1%	0.0%
Family Planning Clinics	No.	7,994	222	22	4	16	0
	Rate <sup>4</sup>		2.8%	0.3%	0.1%	0.2%	0.0%
Student & Youth Health Clinics	No.	13,839	23	0	1	6	0
	Rate <sup>4</sup>		0.2%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal Midland</b>		<b>28,013</b>	<b>630</b>	<b>79</b>	<b>71</b>	<b>214</b>	<b>3</b>
<b>Central</b>							
Sexual Health Clinics	No.	4,754	181	48	45	183	24
	Rate <sup>4</sup>		3.8%	1.0%	0.9%	3.8%	0.5%
Family Planning Clinics	No.	10,643	197	5	18	19	0
	Rate <sup>4</sup>		1.9%	0.0%	0.2%	0.2%	0.0%
Student & Youth Health Clinics	No.	21,446	143	5	22	21	0
	Rate <sup>4</sup>		0.7%	0.0%	0.1%	0.1%	0.0%
<b>Subtotal Central</b>		<b>36,843</b>	<b>521</b>	<b>58</b>	<b>85</b>	<b>223</b>	<b>24</b>
<b>South</b>							
Sexual Health Clinics	No.	3,758	148	22	44	158	12
	Rate <sup>4</sup>		3.9%	0.6%	1.2%	4.2%	0.3%
Family Planning Clinics	No.	12,227	133	11	20	46	0
	Rate <sup>4</sup>		1.1%	0.1%	0.2%	0.4%	0.0%
Student & Youth Health Clinics	No.	26,357	60	1	20	40	0
	Rate <sup>4</sup>		0.2%	0.0%	0.1%	0.2%	0.0%
<b>Subtotal South</b>		<b>42,342</b>	<b>341</b>	<b>34</b>	<b>84</b>	<b>244</b>	<b>12</b>
<b>All regions</b>							
Sexual Health Clinics	No.	20,436	1,072	209	218	771	53
	Rate <sup>4</sup>		5.2%	1.0%	1.1%	3.8%	0.3%
Family Planning Clinics	No.	49,758	890	54	50	139	0
	Rate <sup>4</sup>		1.8%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health Clinics	No.	69,433	249	7	43	68	0
	Rate <sup>4</sup>		0.4%	0.0%	0.1%	0.1%	0.0%
<b>Total</b>	<b>No.</b>	<b>139,627</b>	<b>2,211</b>	<b>270</b>	<b>311</b>	<b>978</b>	<b>53</b>
	<b>Rate<sup>4</sup></b>		<b>1.6%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.7%</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> Infectious syphilis (primary, secondary and early latent)

<sup>4</sup> Rate = (no. of cases/total no. of clinic visits) x100, expressed as a percentage



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

Quarter 3 2009

	Confirmed						Total <sup>1</sup>  No. <sup>1</sup>
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	
Sexual Health Clinics	1041	97.2%	22	2.1%	8	0.7%	1071
Family Planning Clinics	875	98.2%	15	1.7%	1	0.1%	891
Student & Youth Health Clinics	244	98.0%	4	1.6%	1	0.4%	249
Total	2160	97.7%	41	1.9%	10	0.5%	2211

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

Quarter 3 2009

	Confirmed										Total <sup>1</sup>
	Uncomplicated infection				PID/ epididymitis		Extra-genital				
	Urogenital		Anorectal				Pharynx		Other site		
	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	
Sexual Health Clinics	176	84.2%	11	5.3%	4	1.9%	12	5.7%	6	2.9%	209
Family Planning Clinics	53	98.1%	0	0.0%	1	1.9%	0	0.0%	0	0.0%	54
Student & Youth Health Clinic	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7
Total	236	87.4%	11	4.1%	5	1.9%	12	4.4%	6	2.2%	270

<sup>1</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. Cases where site was not specified are not included.

<sup>2</sup> No. = no. of diagnoses by site

<sup>3</sup> % = no. of diagnoses by site/total no. of diagnoses by clinic type, x100

# Sexual Health Clinic (SHC) Data

## Chlamydia

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

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
687	661	Whangarei	51	7.4%	38	5.7%
208	177	Dargaville	7	3.4%	11	6.2%
73	104	Kaikohe	5	6.8%	0	0.0%
5235	4802	Auckland	281	5.4%	309	6.4%
<b>6203</b>	<b>5744</b>	<b>North</b>	<b>344</b>	<b>5.5%</b>	<b>358</b>	<b>6.2%</b>
2397	2261	Hamilton	167	7.0%	154	6.8%
1861	2378	Tauranga	106	5.7%	123	5.2%
270	294	Rotorua	11	4.1%	13	4.4%
477	575	Whakatane	40	8.4%	37	6.4%
281	91	Taupo	41	14.6%	0	0.0%
544	581	New Plymouth	57	10.5%	58	10.0%
101	0	Gisborne	8	7.9%	0	0.0%
<b>5931</b>	<b>6180</b>	<b>Midland</b>	<b>430</b>	<b>7.3%</b>	<b>385</b>	<b>6.2%</b>
296	222	Napier	56	18.9%	27	12.2%
127	134	Hastings	32	25.2%	30	22.4%
188	281	Wanganui	19	10.1%	8	2.8%
1390	1135	Palmerston North/Levin/Dannevirke	39	2.8%	33	2.9%
2459	1780	Wellington	67	2.7%	57	3.2%
320	210	Lower Hutt	12	3.8%	6	2.9%
66	94	Porirua	4	6.1%	2	2.1%
525	700	Nelson	19	3.6%	14	2.0%
180	198	Wairau (Blenheim)	7	3.9%	4	2.0%
<b>5551</b>	<b>4754</b>	<b>Central</b>	<b>255</b>	<b>4.6%</b>	<b>181</b>	<b>3.8%</b>
132	78	Greymouth	14	10.6%	3	3.8%
137	150	Westport/Buller	9	6.6%	12	8.0%
2268	2101	Christchurch	100	4.4%	65	3.1%
28	18	Ashburton	0	0.0%	2	11.1%
157	144	Timaru	6	3.8%	9	6.3%
821	872	Dunedin	35	4.3%	30	3.4%
633	395	Invercargill/Gore/Wyndham	44	7.0%	27	6.8%
<b>4176</b>	<b>3758</b>	<b>South</b>	<b>208</b>	<b>5.0%</b>	<b>148</b>	<b>3.9%</b>
<b>21861</b>	<b>20436</b>	<b>Total</b>	<b>1237</b>	<b>5.7%</b>	<b>1072</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.

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

Quarter 3 2009

		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	33	82	48	27	13	11	18	0	232
		0.0	5.8	6.0	4.9	3.8	2.2	2.1	1.9	0.0	4.0
	Maori	0	44	57	19	6	1	4	1	0	132
		0.0	16.2	15.5	10.4	4.0	0.9	6.1	1.6	0.0	10.7
	Pacific Peoples	0	13	28	18	8	2	1	0	0	70
		0.0	29.5	26.2	18.9	15.4	5.3	2.6	0.0	-	17.4
	Other	0	5	10	5	5	2	0	0	0	27
		0.0	10.2	5.2	2.3	3.9	1.9	0.0	0.0	-	3.0
	Unknown	0	3	4	0	1	0	0	1	0	9
		0.0	33.3	8.9	0.0	3.1	0.0	0.0	2.4	-	3.8
<b>Total</b>		<b>0</b>	<b>98</b>	<b>181</b>	<b>90</b>	<b>47</b>	<b>18</b>	<b>16</b>	<b>20</b>	<b>0</b>	<b>470</b>
		<b>0.0</b>	<b>10.4</b>	<b>8.7</b>	<b>5.9</b>	<b>4.4</b>	<b>2.0</b>	<b>2.2</b>	<b>1.7</b>	<b>0.0</b>	<b>5.5</b>
<b>Females</b>	European/Pakeha	9	109	70	31	5	3	1	1	0	229
		6.7	5.5	3.4	2.9	0.7	0.6	0.3	0.2	0.0	3.2
	Maori	11	147	81	24	6	1	2	0	0	272
		11.5	13.1	10.5	6.3	2.5	0.6	2.1	0.0	0.0	9.2
	Pacific Peoples	0	14	33	4	5	2	1	1	0	60
		0.0	13.2	19.5	4.5	8.3	9.1	7.1	3.8	-	12.3
	Other	1	10	9	5	1	1	0	4	0	31
		20.0	8.3	3.8	2.1	0.8	1.5	0.0	3.1	0.0	3.1
	Unknown	0	2	5	1	1	1	0	0	0	10
		0.0	4.0	13.2	2.4	2.9	7.1	0.0	0.0	-	4.5
<b>Total</b>		<b>21</b>	<b>282</b>	<b>198</b>	<b>65</b>	<b>18</b>	<b>8</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>602</b>
		<b>8.6</b>	<b>8.4</b>	<b>6.1</b>	<b>3.6</b>	<b>1.6</b>	<b>1.0</b>	<b>0.8</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 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
687	661	Whangarei	18	2.6%	1	0.2%
208	177	Dargaville	0	0.0%	0	0.0%
73	104	Kaikohe	0	0.0%	0	0.0%
5235	4802	Auckland	66	1.3%	81	1.7%
<b>6203</b>	<b>5744</b>	<b>North</b>	<b>84</b>	<b>1.4%</b>	<b>82</b>	<b>1.4%</b>
2397	2261	Hamilton	28	1.2%	22	1.0%
1861	2378	Tauranga	15	0.8%	17	0.7%
270	294	Rotorua	5	1.9%	7	2.4%
477	575	Whakatane	0	0.0%	10	1.7%
281	91	Taupo	3	1.1%	0	0.0%
544	581	New Plymouth	10	1.8%	1	0.2%
101	0	Gisborne	8	7.9%	0	0.0%
<b>5931</b>	<b>6180</b>	<b>Midland</b>	<b>69</b>	<b>1.2%</b>	<b>57</b>	<b>0.9%</b>
296	222	Napier	16	5.4%	8	3.6%
127	134	Hastings	11	8.7%	5	3.7%
188	281	Wanganui	0	0.0%	5	1.8%
1390	1135	Palmerston North/Levin/Dannevirke	2	0.1%	4	0.4%
2459	1780	Wellington	14	0.6%	19	1.1%
320	210	Lower Hutt	0	0.0%	3	1.4%
66	94	Porirua	2	3.0%	1	1.1%
525	700	Nelson	2	0.4%	3	0.4%
180	198	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>5551</b>	<b>4754</b>	<b>Central</b>	<b>47</b>	<b>0.8%</b>	<b>48</b>	<b>1.0%</b>
132	78	Greymouth	3	2.3%	0	0.0%
137	150	Westport/Buller	0	0.0%	0	0.0%
2268	2101	Christchurch	25	1.1%	12	0.6%
28	18	Ashburton	0	0.0%	0	0.0%
157	144	Timaru	0	0.0%	2	1.4%
821	872	Dunedin	5	0.6%	3	0.3%
633	395	Invercargill/Gore/Wyndham	8	1.3%	5	1.3%
<b>4176</b>	<b>3758</b>	<b>South</b>	<b>41</b>	<b>1.0%</b>	<b>22</b>	<b>0.6%</b>
<b>21861</b>	<b>20436</b>	<b>Total</b>	<b>241</b>	<b>1.1%</b>	<b>209</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 3 2009

		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	11	12	5	3	3	12	0	51
		0.0	0.9	0.8	1.2	0.7	0.5	0.6	1.3	0.0	0.9
	Maori	1	9	18	9	4	0	0	0	0	41
		5.3	3.3	4.9	4.9	2.7	0.0	0.0	0.0	0.0	3.3
	Pacific Peoples	0	1	10	5	0	0	1	0	0	17
		0.0	2.3	9.3	5.3	0.0	0.0	2.6	0.0	-	4.2
	Other	0	2	4	4	0	2	0	1	0	13
		0.0	4.1	2.1	1.8	0.0	1.9	0.0	0.8	-	1.4
	Unknown	0	0	1	1	1	0	0	0	0	3
		0.0	0.0	2.2	2.2	3.1	0.0	0.0	0.0	-	1.3
<b>Total</b>		<u>1</u>	<u>17</u>	<u>44</u>	<u>31</u>	<u>10</u>	<u>5</u>	<u>4</u>	<u>13</u>	<u>0</u>	<u>125</u>
		<u>2.3</u>	<u>1.8</u>	<u>2.1</u>	<u>2.0</u>	<u>0.9</u>	<u>0.6</u>	<u>0.5</u>	<u>1.1</u>	<u>0.0</u>	<u>1.5</u>
<b>Females</b>	European/Pakeha	0	7	5	1	8	2	0	1	0	24
		0.0	0.4	0.2	0.1	1.2	0.4	0.0	0.2	0.0	0.3
	Maori	1	21	11	3	2	1	0	0	0	39
		1.0	1.9	1.4	0.8	0.8	0.6	0.0	0.0	0.0	1.3
	Pacific Peoples	0	4	5	3	1	1	0	0	0	14
		0.0	3.8	3.0	3.4	1.7	4.5	0.0	0.0	-	2.9
	Other	1	0	0	1	1	0	0	0	0	3
		20.0	0.0	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.3
	Unknown	0	1	2	0	1	0	0	0	0	4
		0.0	2.0	5.3	0.0	2.9	0.0	0.0	0.0	-	1.8
<b>Total</b>		<u>2</u>	<u>33</u>	<u>23</u>	<u>8</u>	<u>13</u>	<u>4</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>84</u>
		<u>0.8</u>	<u>1.0</u>	<u>0.7</u>	<u>0.4</u>	<u>1.1</u>	<u>0.5</u>	<u>0.0</u>	<u>0.1</u>	<u>0.0</u>	<u>0.7</u>

<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 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
687	661	Whangarei	5	0.7%	8	1.2%
208	177	Dargaville	0	0.0%	0	0.0%
73	104	Kaikohe	0	0.0%	0	0.0%
5235	4802	Auckland	36	0.7%	55	1.1%
<b>6203</b>	<b>5744</b>	<b>North</b>	<b>41</b>	<b>0.7%</b>	<b>63</b>	<b>1.1%</b>
2397	2261	Hamilton	30	1.3%	25	1.1%
1861	2378	Tauranga	21	1.1%	21	0.9%
270	294	Rotorua	0	0.0%	1	0.3%
477	575	Whakatane	1	0.2%	5	0.9%
281	91	Taupo	0	0.0%	0	0.0%
544	581	New Plymouth	5	0.9%	14	2.4%
101	0	Gisborne	0	0.0%	0	0.0%
<b>5931</b>	<b>6180</b>	<b>Midland</b>	<b>57</b>	<b>1.0%</b>	<b>66</b>	<b>1.1%</b>
296	222	Napier	5	1.7%	3	1.4%
127	134	Hastings	3	2.4%	2	1.5%
188	281	Wanganui	3	1.6%	1	0.4%
1390	1135	Palmerston North/Levin/Dannevirke	11	0.8%	8	0.7%
2459	1780	Wellington	23	0.9%	13	0.7%
320	210	Lower Hutt	4	1.3%	3	1.4%
66	94	Porirua	0	0.0%	0	0.0%
525	700	Nelson	5	1.0%	13	1.9%
180	198	Wairau (Blenheim)	2	1.1%	2	1.0%
<b>5551</b>	<b>4754</b>	<b>Central</b>	<b>56</b>	<b>1.0%</b>	<b>45</b>	<b>0.9%</b>
132	78	Greymouth	5	3.8%	1	1.3%
137	150	Westport/Buller	4	2.9%	0	0.0%
2268	2101	Christchurch	32	1.4%	24	1.1%
28	18	Ashburton	0	0.0%	0	0.0%
157	144	Timaru	2	1.3%	0	0.0%
821	872	Dunedin	13	1.6%	9	1.0%
633	395	Invercargill/Gore/Wyndham	9	1.4%	10	2.5%
<b>4176</b>	<b>3758</b>	<b>South</b>	<b>65</b>	<b>1.6%</b>	<b>44</b>	<b>1.2%</b>
<b>21861</b>	<b>20436</b>	<b>Total</b>	<b>219</b>	<b>1.0%</b>	<b>218</b>	<b>1.1%</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 2.6: Genital Herpes - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 3 2009

		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	18	10	12	3	5	10	0	<b>60</b>
		0.0	0.3	1.3	1.0	1.7	0.5	1.0	1.1	0.0	<b>1.0</b>
	Maori	0	1	5	1	0	2	1	1	0	<b>11</b>
		0.0	0.4	1.4	0.5	0.0	1.8	1.5	1.6	0.0	<b>0.9</b>
	Pacific Peoples	0	1	0	2	0	1	0	0	0	<b>4</b>
		0.0	2.3	0.0	2.1	0.0	2.6	0.0	0.0	-	<b>1.0</b>
	Other	0	2	1	5	0	1	1	2	0	<b>12</b>
		0.0	4.1	0.5	2.3	0.0	0.9	1.1	1.6	-	<b>1.3</b>
	Unknown	0	1	1	1	0	0	0	0	0	<b>3</b>
		0.0	11.1	2.2	2.2	0.0	0.0	0.0	0.0	-	<b>1.3</b>
<b>Total</b>		<b>0</b>	<b>7</b>	<b>25</b>	<b>19</b>	<b>12</b>	<b>7</b>	<b>7</b>	<b>13</b>	<b>0</b>	<b>90</b>
		<b>0.0</b>	<b>0.7</b>	<b>1.2</b>	<b>1.2</b>	<b>1.1</b>	<b>0.8</b>	<b>0.9</b>	<b>1.1</b>	<b>0.0</b>	<b>1.1</b>
<b>Females</b>	European/Pakeha	1	16	20	14	9	6	8	10	0	<b>84</b>
		0.7	0.8	1.0	1.3	1.3	1.1	2.5	1.9	0.0	<b>1.2</b>
	Maori	1	14	4	1	1	2	1	3	0	<b>27</b>
		1.0	1.2	0.5	0.3	0.4	1.3	1.1	3.4	0.0	<b>0.9</b>
	Pacific Peoples	0	0	3	1	0	0	0	0	0	<b>4</b>
		0.0	0.0	1.8	1.1	0.0	0.0	0.0	0.0	-	<b>0.8</b>
	Other	0	1	7	0	1	1	0	2	0	<b>12</b>
		0.0	0.8	3.0	0.0	0.8	1.5	0.0	1.6	0.0	<b>1.2</b>
	Unknown	0	0	0	0	1	0	0	0	0	<b>1</b>
		0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	-	<b>0.5</b>
<b>Total</b>		<b>2</b>	<b>31</b>	<b>34</b>	<b>16</b>	<b>12</b>	<b>9</b>	<b>9</b>	<b>15</b>	<b>0</b>	<b>128</b>
		<b>0.8</b>	<b>0.9</b>	<b>1.0</b>	<b>0.9</b>	<b>1.0</b>	<b>1.1</b>	<b>1.7</b>	<b>1.9</b>	<b>0.0</b>	<b>1.1</b>

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

## Genital Warts (First presentation)

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

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
687	661	Whangarei	12	1.7%	23	3.5%
208	177	Dargaville	2	1.0%	4	2.3%
73	104	Kaikohe	0	0.0%	0	0.0%
5235	4802	Auckland	264	5.0%	211	4.4%
<b>6203</b>	<b>5744</b>	<b>North</b>	<b>278</b>	<b>4.5%</b>	<b>238</b>	<b>4.1%</b>
2397	2261	Hamilton	123	5.1%	70	3.1%
1861	2378	Tauranga	57	3.1%	70	2.9%
270	294	Rotorua	24	8.9%	15	5.1%
477	575	Whakatane	12	2.5%	7	1.2%
281	91	Taupo	4	1.4%	0	0.0%
544	581	New Plymouth	21	3.9%	30	5.2%
101	0	Gisborne	0	0.0%	0	0.0%
<b>5931</b>	<b>6180</b>	<b>Midland</b>	<b>241</b>	<b>4.1%</b>	<b>192</b>	<b>3.1%</b>
296	222	Napier	22	7.4%	18	8.1%
127	134	Hastings	14	11.0%	8	6.0%
188	281	Wanganui	10	5.3%	2	0.7%
1390	1135	Palmerston North/Levin/Dannevirke	28	2.0%	24	2.1%
2459	1780	Wellington	93	3.8%	76	4.3%
320	210	Lower Hutt	21	6.6%	9	4.3%
66	94	Porirua	2	3.0%	9	9.6%
525	700	Nelson	28	5.3%	18	2.6%
180	198	Wairau (Blenheim)	15	8.3%	19	9.6%
<b>5551</b>	<b>4754</b>	<b>Central</b>	<b>233</b>	<b>4.2%</b>	<b>183</b>	<b>3.8%</b>
132	78	Greymouth	2	1.5%	3	3.8%
137	150	Westport/Buller	2	1.5%	3	2.0%
2268	2101	Christchurch	75	3.3%	88	4.2%
28	18	Ashburton	1	3.6%	0	0.0%
157	144	Timaru	12	7.6%	6	4.2%
821	872	Dunedin	48	5.8%	34	3.9%
633	395	Invercargill/Gore/Wyndham	35	5.5%	24	6.1%
<b>4176</b>	<b>3758</b>	<b>South</b>	<b>175</b>	<b>4.2%</b>	<b>158</b>	<b>4.2%</b>
<b>21861</b>	<b>20436</b>	<b>Total</b>	<b>927</b>	<b>4.2%</b>	<b>771</b>	<b>3.8%</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 2.8: Genital Warts - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 3 2009

		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	35	90	56	32	20	20	26	0	279
		0.0	6.1	6.6	5.7	4.5	3.4	3.9	2.8	0.0	4.9
	Maori	1	18	22	9	5	2	3	0	0	60
		5.3	6.6	6.0	4.9	3.3	1.8	4.5	0.0	0.0	4.9
	Pacific Peoples	0	3	8	4	1	0	2	1	0	19
		0.0	6.8	7.5	4.2	1.9	0.0	5.3	4.0	-	4.7
	Other	0	3	12	9	2	1	2	2	0	31
		0.0	6.1	6.2	4.1	1.6	0.9	2.3	1.6	-	3.4
	Unknown	0	0	4	1	1	2	2	2	0	12
		0.0	0.0	8.9	2.2	3.1	6.1	6.7	4.9	-	5.1
<b>Females</b>	<b>Total</b>	<b>1</b>	<b>59</b>	<b>136</b>	<b>79</b>	<b>41</b>	<b>25</b>	<b>29</b>	<b>31</b>	<b>0</b>	<b>401</b>
		<b>2.3</b>	<b>6.2</b>	<b>6.5</b>	<b>5.2</b>	<b>3.8</b>	<b>2.8</b>	<b>3.9</b>	<b>2.6</b>	<b>0.0</b>	<b>4.7</b>
	European/Pakeha	6	86	83	28	17	9	7	6	0	242
		4.5	4.3	4.1	2.7	2.5	1.7	2.2	1.2	0.0	3.3
	Maori	2	33	28	7	3	2	1	0	0	76
		2.1	2.9	3.6	1.8	1.3	1.3	1.1	0.0	0.0	2.6
	Pacific Peoples	0	2	8	0	1	1	1	0	0	13
		0.0	1.9	4.7	0.0	1.7	4.5	7.1	0.0	-	2.7
	Other	0	2	9	7	6	0	2	1	0	27
		0.0	1.7	3.8	2.9	4.7	0.0	2.5	0.8	0.0	2.7
<b>Total</b>	Unknown	2	2	3	4	0	1	0	0	0	12
		33.3	4.0	7.9	9.5	0.0	7.1	0.0	0.0	-	5.4
		<b>10</b>	<b>125</b>	<b>131</b>	<b>46</b>	<b>27</b>	<b>13</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>370</b>
		<b>4.1</b>	<b>3.7</b>	<b>4.0</b>	<b>2.5</b>	<b>2.3</b>	<b>1.7</b>	<b>2.1</b>	<b>0.9</b>	<b>0.0</b>	<b>3.1</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 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
687	661	Whangarei	0	0.0%	1	0.2%
208	177	Dargaville	0	0.0%	0	0.0%
73	104	Kaikohe	0	0.0%	0	0.0%
5235	4802	Auckland	11	0.2%	13	0.3%
<b>6203</b>	<b>5744</b>	<b>North</b>	<b>11</b>	<b>0.2%</b>	<b>14</b>	<b>0.2%</b>
2397	2261	Hamilton	2	0.1%	1	0.0%
1861	2378	Tauranga	0	0.0%	1	0.0%
270	294	Rotorua	0	0.0%	0	0.0%
477	575	Whakatane	0	0.0%	0	0.0%
281	91	Taupo	0	0.0%	0	0.0%
544	581	New Plymouth	0	0.0%	1	0.2%
101	0	Gisborne	0	0.0%	0	0.0%
<b>5931</b>	<b>6180</b>	<b>Midland</b>	<b>2</b>	<b>0.0%</b>	<b>3</b>	<b>0.0%</b>
296	222	Napier	0	0.0%	1	0.5%
127	134	Hastings	0	0.0%	0	0.0%
188	281	Wanganui	0	0.0%	1	0.4%
1390	1135	Palmerston North/Levin/Dannevirke	1	0.1%	3	0.3%
2459	1780	Wellington	4	0.2%	13	0.7%
320	210	Lower Hutt	0	0.0%	3	1.4%
66	94	Porirua	0	0.0%	2	2.1%
525	700	Nelson	1	0.2%	1	0.1%
180	198	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>5551</b>	<b>4754</b>	<b>Central</b>	<b>6</b>	<b>0.1%</b>	<b>24</b>	<b>0.5%</b>
132	78	Greymouth	0	0.0%	0	0.0%
137	150	Westport/Buller	0	0.0%	0	0.0%
2268	2101	Christchurch	1	0.0%	10	0.5%
28	18	Ashburton	0	0.0%	0	0.0%
157	144	Timaru	0	0.0%	0	0.0%
821	872	Dunedin	1	0.1%	2	0.2%
633	395	Invercargill/Gore/Wyndham	0	0.0%	0	0.0%
<b>4176</b>	<b>3758</b>	<b>South</b>	<b>2</b>	<b>0.0%</b>	<b>12</b>	<b>0.3%</b>
<b>21861</b>	<b>20436</b>	<b>Total</b>	<b>21</b>	<b>0.1%</b>	<b>53</b>	<b>0.3%</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 3 2009

		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	1	0	7	4	4	6	7	0	29
		0.0	0.2	0.0	0.7	0.6	0.7	1.2	0.7	0.0	0.5
	Maori	0	0	0	1	0	0	1	2	0	4
		0.0	0.0	0.0	0.5	0.0	0.0	1.5	3.2	0.0	0.3
	Pacific Peoples	0	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	-	0.2
	Other	0	0	1	2	0	1	1	2	0	7
		0.0	0.0	0.5	0.9	0.0	0.9	1.1	1.6	-	0.8
	Unknown	0	0	0	0	0	0	1	1	0	2
		0.0	0.0	0.0	0.0	0.0	0.0	3.3	2.4	-	0.9
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>4</b>	<b>6</b>	<b>9</b>	<b>12</b>	<b>0</b>	<b>43</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.7</b>	<b>0.4</b>	<b>0.7</b>	<b>1.2</b>	<b>1.0</b>	<b>0.0</b>	<b>0.5</b>
<b>Females</b>	European/Pakeha	0	0	1	0	0	4	0	0	0	5
		0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.1
	Pacific Peoples	0	1	1	0	0	0	2	0	0	4
		0.0	0.9	0.6	0.0	0.0	0.0	14.3	0.0	-	0.8
	Other	0	0	0	0	0	0	1	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.1
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>10</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>	<b>0.7</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

## NSU (Males Only)

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

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
171	193	Whangarei	0	0.0%	0	0.0%
6	25	Dargaville	0	0.0%	0	0.0%
4	5	Kaikohe	0	0.0%	0	0.0%
2689	2285	Auckland	97	3.6%	99	4.3%
<b>2870</b>	<b>2508</b>	<b>North</b>	<b>97</b>	<b>3.4%</b>	<b>99</b>	<b>3.9%</b>
1034	941	Hamilton	14	1.4%	10	1.1%
402	520	Tauranga	13	3.2%	13	2.5%
98	153	Rotorua	0	0.0%	0	0.0%
70	77	Whakatane	0	0.0%	0	0.0%
86	29	Taupo	0	0.0%	0	0.0%
243	249	New Plymouth	15	6.2%	20	8.0%
19	0	Gisborne	0	0.0%	0	0.0%
<b>1952</b>	<b>1969</b>	<b>Midland</b>	<b>42</b>	<b>2.2%</b>	<b>43</b>	<b>2.2%</b>
76	44	Napier	0	0.0%	0	0.0%
16	23	Hastings	0	0.0%	0	0.0%
49	117	Wanganui	0	0.0%	0	0.0%
596	474	Palmerston North/Levin/Dannevirke	21	3.5%	18	3.8%
1423	977	Wellington	15	1.1%	16	1.6%
153	106	Lower Hutt	2	1.3%	4	3.8%
31	43	Porirua	0	0.0%	0	0.0%
265	329	Nelson	4	1.5%	4	1.2%
92	79	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>2701</b>	<b>2192</b>	<b>Central</b>	<b>42</b>	<b>1.6%</b>	<b>42</b>	<b>1.9%</b>
51	27	Greymouth	0	0.0%	0	0.0%
47	35	Westport/Buller	1	2.1%	0	0.0%
1184	1182	Christchurch	26	2.2%	19	1.6%
5	10	Ashburton	0	0.0%	0	0.0%
66	68	Timaru	0	0.0%	0	0.0%
242	334	Dunedin	1	0.4%	0	0.0%
290	180	Invercargill/Gore/Wyndham	7	2.4%	6	3.3%
<b>1885</b>	<b>1836</b>	<b>South</b>	<b>35</b>	<b>1.9%</b>	<b>25</b>	<b>1.4%</b>
<b>9408</b>	<b>8505</b>	<b>Total</b>	<b>216</b>	<b>2.3%</b>	<b>209</b>	<b>2.5%</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 2.12: NSU (Males only) - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 3 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	7	32	27	23	19	13	27	0	148
		0.0	1.2	2.3	2.7	3.2	3.2	2.5	2.9	0.0	2.6
	Maori	0	7	6	4	6	6	1	1	0	31
		0.0	2.6	1.6	2.2	4.0	5.5	1.5	1.6	0.0	2.5
	Pacific Peoples	0	1	0	3	1	0	0	1	0	6
		0.0	2.3	0.0	3.2	1.9	0.0	0.0	4.0	-	1.5
	Other	0	3	4	5	3	2	2	2	0	21
		0.0	6.1	2.1	2.3	2.4	1.9	2.3	1.6	-	2.3
	Unknown	0	0	1	0	1	0	0	1	0	3
		0.0	0.0	2.2	0.0	3.1	0.0	0.0	2.4	-	1.3
Total		0	18	43	39	34	27	16	32	0	209
		0.0	1.9	2.1	2.6	3.2	3.1	2.2	2.7	0.0	2.5

<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 3 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Unknown	Maori	0	0	2	1	0	0	0	0	0	3
		0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0	14.3
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
			<b>0.0</b>	<b>50.0</b>	<b>50.0</b>				<b>0.0</b>	<b>0.0</b>	<b>14.3</b>
Males	European/Pakeha	0	7	43	11	5	1	0	0	0	67
		0.0	1.9	6.5	4.0	3.6	0.8	0.0	0.0	0.0	3.8
	Maori	0	11	18	3	2	1	0	1	0	36
		0.0	6.5	12.0	6.5	7.4	4.5	0.0	10.0	-	8.4
	Pacific Peoples	0	5	12	2	1	1	0	0	0	21
		0.0	14.7	18.2	11.8	8.3	14.3	0.0	0.0	-	15.1
	Other	0	0	2	0	2	0	0	0	0	4
		0.0	0.0	5.4	0.0	9.1	0.0	0.0	0.0	-	3.1
	Unknown	0	1	3	1	0	0	0	0	0	5
		0.0	2.2	4.6	2.8	0.0	0.0	0.0	0.0	-	2.3
		<b>0</b>	<b>24</b>	<b>78</b>	<b>17</b>	<b>10</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>133</b>
		<b>0.0</b>	<b>3.8</b>	<b>8.0</b>	<b>4.4</b>	<b>4.5</b>	<b>1.6</b>	<b>0.0</b>	<b>0.8</b>	<b>0.0</b>	<b>5.0</b>
Females	European/Pakeha	2	136	186	40	16	7	0	2	0	389
		2.4	1.8	1.7	0.9	0.6	0.3	0.0	0.1	0.0	1.3
	Maori	0	98	109	16	3	1	0	0	0	227
		0.0	3.8	4.7	1.8	0.7	0.3	0.0	0.0	0.0	3.3
	Pacific Peoples	0	25	43	5	4	0	1	0	0	78
		0.0	3.9	5.0	1.4	1.9	0.0	1.1	0.0	-	3.3
	Other	0	8	11	10	3	2	1	0	0	35
		0.0	1.8	1.1	1.5	0.6	0.5	0.3	0.0	-	1.0
	Unknown	0	6	9	8	0	1	1	0	0	25
		0.0	1.0	1.2	1.6	0.0	0.3	0.5	0.0	0.0	0.8
		<b>2</b>	<b>273</b>	<b>358</b>	<b>79</b>	<b>26</b>	<b>11</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>754</b>
		<b>1.3</b>	<b>2.3</b>	<b>2.3</b>	<b>1.1</b>	<b>0.6</b>	<b>0.4</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>1.6</b>

<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 3 2009

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
<b>Males</b>	European/Pakeha	0	2	4	0	0	0	0	0	6
		0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	1	1	0	0	0	0	0	2
		0.0	0.6	0.7	0.0	0.0	0.0	0.0	-	0.5
	Pacific Peoples	0	0	0	0	0	1	0	0	1
		0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.7
<b>Total</b>		<u>0</u>	<u>3</u>	<u>5</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>9</u>
		<u>0.0</u>	<u>0.5</u>	<u>0.6</u>	<u>0.0</u>	<u>0.0</u>	<u>0.6</u>	<u>0.0</u>	<u>0.0</u>	<u>0.4</u>
<b>Females</b>	European/Pakeha	0	8	4	0	0	1	0	0	13
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	0	9	7	2	2	1	0	0	21
		0.0	0.3	0.3	0.2	0.4	0.3	0.0	0.0	0.3
	Pacific Peoples	0	6	1	0	1	0	0	0	8
		0.0	0.9	0.1	0.0	0.5	0.0	0.0	0.0	0.3
<b>Total</b>		<u>0</u>	<u>24</u>	<u>14</u>	<u>2</u>	<u>3</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>45</u>
		<u>0.0</u>	<u>0.2</u>	<u>0.1</u>	<u>0.0</u>	<u>0.1</u>	<u>0.1</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

## 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 3 2009

		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	2	1	1	1	0	0	6
		0.0	0.3	0.3	0.4	0.7	0.8	0.0	0.0	0.3
	Maori	0	2	2	0	1	0	0	0	5
		0.0	1.2	1.3	0.0	3.7	0.0	0.0	-	1.2
	<b>Total</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>11</b>
		<b>0.0</b>	<b>0.6</b>	<b>0.5</b>	<b>0.3</b>	<b>1.2</b>	<b>0.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.5</b>
<b>Females</b>	European/Pakeha	0	7	15	2	3	3	0	0	30
		0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.1
	Maori	0	1	3	0	1	0	0	0	5
		0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.1
	Pacific Peoples	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	-	0.0
	Other	0	0	2	0	1	0	0	0	3
		0.0	0.0	0.2	0.0	0.2	0.0	0.0	-	0.1
	<b>Total</b>	<b>0</b>	<b>8</b>	<b>21</b>	<b>2</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>39</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.1</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 3.4: Genital Warts - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at FPCs**

Quarter 3 2009

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Unknown	European/Pakeha	0	1	0	0	0	0	0	0	1
		0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
		<b>0.0</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.7</b>
Males	European/Pakeha	0	4	11	4	1	0	0	0	20
		0.0	1.1	1.7	1.5	0.7	0.0	0.0	0.0	1.1
	Maori	0	1	4	0	0	1	0	0	6
		0.0	0.6	2.7	0.0	0.0	4.5	0.0	0.0	1.4
	Pacific Peoples	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.7
	Other	0	0	1	2	0	0	0	0	3
		0.0	0.0	2.7	11.8	0.0	0.0	0.0	0.0	2.4
	Unknown	0	1	1	1	0	0	0	0	3
		0.0	2.2	1.5	2.8	0.0	0.0	0.0	0.0	1.4
	<b>Total</b>	<b>0</b>	<b>6</b>	<b>17</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>33</b>
		<b>0.0</b>	<b>1.0</b>	<b>1.7</b>	<b>1.8</b>	<b>0.9</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>1.2</b>
Females	European/Pakeha	0	16	39	5	3	2	2	1	68
		0.0	0.2	0.4	0.1	0.1	0.1	0.1	0.1	0.2
	Maori	0	11	9	1	1	0	0	0	22
		0.0	0.4	0.4	0.1	0.2	0.0	0.0	0.0	0.3
	Pacific Peoples	0	2	1	1	0	0	0	0	4
		0.0	0.3	0.1	0.3	0.0	0.0	0.0	0.0	0.2
	Other	0	3	4	2	0	0	0	0	9
		0.0	0.7	0.4	0.3	0.0	0.0	0.0	0.0	0.3
	Unknown	0	1	0	1	0	0	0	0	2
		0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.1
	<b>Total</b>	<b>0</b>	<b>33</b>	<b>53</b>	<b>10</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>105</b>
		<b>0.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</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 3 2009

		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	25	5	0	0	0	0	0	43
		0.0	0.7	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.5
	Maori	0	4	6	0	0	0	0	0	0	10
		0.0	1.8	1.2	0.0	0.0	0.0	0.0	0.0	-	1.0
	Pacific Peoples	0	1	1	0	1	0	0	0	0	3
		0.0	1.6	0.6	0.0	2.3	0.0	0.0	0.0	-	0.7
	Other	0	1	2	0	0	0	0	0	0	3
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>		<b>0</b>	<b>19</b>	<b>35</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>
		<b>0.0</b>	<b>0.6</b>	<b>0.5</b>	<b>0.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>
<b>Females</b>	European/Pakeha	1	55	39	3	0	0	0	0	0	98
		1.7	0.9	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.5
	Maori	3	38	22	2	1	0	0	0	1	67
		13.0	4.3	1.9	0.8	0.7	0.0	0.0	0.0	-	2.3
	Pacific Peoples	0	3	11	1	0	0	0	0	0	15
		0.0	1.4	2.4	0.6	0.0	0.0	0.0	0.0	-	1.5
	Other	0	3	4	1	0	0	0	0	0	8
		0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>		<b>4</b>	<b>100</b>	<b>76</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>189</b>
		<b>2.3</b>	<b>1.1</b>	<b>0.5</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>0.4</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 3 2009

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
<b>Males</b>	European/Pakeha	0	0	3	0	0	0	0	0	3
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	1	0	2	0	0	0	0	0	3
		6.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.3
	<b>Total</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
		<b>1.7</b>	<b>0.0</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>
<b>Females</b>	European/Pakeha	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</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 3 2009

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
<b>Males</b>	European/Pakeha	0	2	3	0	0	0	0	0	5
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	0	3	0	0	0	0	0	3
		0.0	0.0	0.6	0.0	0.0	0.0	0.0	-	0.3
	Other	0	0	1	1	0	0	0	0	2
<b>Females</b>	European/Pakeha	0	7	18	1	0	0	0	0	26
		0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.1
	Maori	0	0	0	2	0	0	0	0	2
		0.0	0.0	0.0	0.8	0.0	0.0	0.0	-	0.1
	Other	0	1	2	1	0	0	0	0	4
<b>Total</b>		0	2	7	1	0	0	0	0	10
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1
<b>Females</b>	European/Pakeha	0	7	18	1	0	0	0	0	26
		0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.1
	Maori	0	0	0	2	0	0	0	0	2
		0.0	0.0	0.0	0.8	0.0	0.0	0.0	-	0.1
	Other	0	1	2	1	0	0	0	0	4
<b>Females</b>	Unknown	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	0	8	21	4	0	0	0	0	33
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1

<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 3 2009

		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	21	0	0	0	0	0	0	23
		0.0	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	-	0.3
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	-	0.2
	Other	0	0	1	0	0	0	0	0	0	1
<b>Females</b>		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>
		<b>0.0</b>	<b>0.1</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>0.0</b>	<b>0.2</b>
	European/Pakeha	0	11	21	1	0	0	0	0	0	33
		0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	4	1	0	0	0	0	0	0	5
		0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	-	0.2
<b>Females</b>	Other	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-	0.0
	<b>Total</b>	<b>0</b>	<b>15</b>	<b>23</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40</b>
		<b>0.0</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

## 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> </ol> <p><b>or</b></p> <ol style="list-style-type: none"> <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>