

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

**July to September 2004**

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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**This report is also available at [www.surv.esr.cri.nz](http://www.surv.esr.cri.nz)  
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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 25 SHCs, 38 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 7<sup>th</sup> December 2004. 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.

### ***STI Rates***

Quarterly clinic-specific disease rates were calculated by dividing the total number of confirmed and probable 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 STI rates are not annualised.

### ***Data completeness***

#### SHCs

Twenty-five SHCs participate in STI surveillance. Of these, 24 provided STI data for the third quarter (July to September) 2004. 1/24 (4.2%) of SHCs were not able to provide data by the date required for all three months in this quarter.

#### FPCs

Thirty-eight FPCs participate in STI surveillance. Of these, 38 provided STI data for the third quarter (July to September) 2004. 3/38 (7.9%) 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. Of these, 16 provided STI data for the third quarter (July to September) 2004. 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 school holidays.

# Overview

## *Sexual Health Clinics (SHCs)*

During the current quarter, SHCs reported 21 813 visits. A total of 898 confirmed cases of chlamydia, 139 confirmed cases of gonorrhoea, 180 cases of genital herpes, 862 cases of genital warts, 10 cases of syphilis and 198 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2003 are shown in Table 1.

## *Family Planning Clinics (FPCs)*

During the current quarter, FPCs reported 43 634 visits. A total of 361 confirmed cases of chlamydia, 27 confirmed cases of gonorrhoea, 35 cases of genital herpes, 126 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 2003 are shown in Table 1.

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

During the current quarter, SYHCs reported 42 648 visits. A total of 116 confirmed cases of chlamydia, 2 confirmed cases of gonorrhoea, 14 cases of genital herpes, 27 cases of genital warts and 1 case 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 2003 are shown in Table 1.

Table 1. Number and rate of STIs reported by SHCs, FPCs and SYHCs in July to September 2004, compared to the equivalent quarter of 2003.

Clinical setting	STI	July - September 2003		July - September 2004		Rate <sup>2</sup> change <sup>3</sup> between quarters
		Total <sup>1</sup> number of cases	Rate <sup>2</sup> (%)	Total <sup>1</sup> number of cases	Rate <sup>2</sup> (%)	
SHCs	Chlamydia <sup>3</sup>	1 061	5.1	1 045	4.8	▼
	Gonorrhoea <sup>3</sup>	177	0.9	160	0.7	▼
	Genital herpes	200	1.0	180	0.8	▼
	Genital warts	921	4.5	862	4.0	▼
	Syphilis	9	0.0	10	0.0	—
	NSU (Males Only)	277	3.3	198	2.2	▼
FPCs	Chlamydia <sup>3</sup>	618	1.3	451	1.0	▼
	Gonorrhoea <sup>3</sup>	58	0.1	39	0.1	—
	Genital herpes	39	0.1	35	0.1	—
	Genital warts	129	0.3	126	0.3	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	2	0.1	4	0.2	▲
SYHCs	Chlamydia <sup>3</sup>	89	0.2	117	0.3	▲
	Gonorrhoea <sup>3</sup>	6	0.0	2	0.0	—
	Genital herpes	7	0.0	14	0.0	—
	Genital warts	20	0.1	27	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	0	0.0	1	0.0	—

<sup>1</sup>Chlamydia and gonorrhoea totals includes confirmed and probable cases.

<sup>2</sup>Rate=(total number of cases/total number of clinic visits) x 100.

<sup>3</sup>—, No change in rate; ▲, rate increase; ▼, rate decrease. Comparison of crude rates not tested for significance.

# All Clinic Data

**Table 1.1: Summary - Disease Rate by Clinic Type**

Quarter 3 2004

Clinic Type, by area		Total Clinic		Chlamydia <sup>2</sup>	Gonorrhoea <sup>2</sup>	Genital	Genital	Syphilis*
		Visits <sup>1</sup>				Herpes <sup>^</sup>	Warts <sup>^</sup>	
North								
Sexual Health Clinics	No.	6,518	190	66	39	183	4	
	Rate <sup>3</sup>		2.9%	1.0%	0.6%	2.8%	0.1%	
Family Planning Clinics	No.	20,311	190	21	13	61	0	
	Rate <sup>3</sup>		0.9%	0.1%	0.1%	0.3%	0.0%	
Student & Youth Health Clinics	No.	9,782	11	2	3	3	0	
	Rate <sup>3</sup>		0.1%	0.0%	0.0%	0.0%	0.0%	
Subtotal	North	36,611	391	89	55	247	4	
Midland								
Sexual Health Clinics	No.	6,276	451	47	51	257	2	
	Rate <sup>3</sup>		7.2%	0.7%	0.8%	4.1%	0.0%	
Family Planning Clinics	No.	4,341	44	2	2	6	0	
	Rate <sup>3</sup>		1.0%	0.0%	0.0%	0.1%	0.0%	
Student & Youth Health Clinics	No.	12,052	23	0	2	2	0	
	Rate <sup>3</sup>		0.2%	0.0%	0.0%	0.0%	0.0%	
Subtotal	Midland	22,669	518	49	55	265	2	
Central								
Sexual Health Clinics	No.	5,203	237	38	47	235	4	
	Rate <sup>3</sup>		4.6%	0.7%	0.9%	4.5%	0.1%	
Family Planning Clinics	No.	7,715	134	9	12	29	0	
	Rate <sup>3</sup>		1.7%	0.1%	0.2%	0.4%	0.0%	
Student & Youth Health Clinics	No.	8,228	52	0	7	14	0	
	Rate <sup>3</sup>		0.6%	0.0%	0.1%	0.2%	0.0%	
Subtotal	Central	21,146	423	47	66	278	4	
South								
Sexual Health Clinics	No.	3,816	167	9	43	187	0	
	Rate <sup>3</sup>		4.4%	0.2%	1.1%	4.9%	0.0%	
Family Planning Clinics	No.	11,267	83	7	8	30	0	
	Rate <sup>3</sup>		0.7%	0.1%	0.1%	0.3%	0.0%	
Student & Youth Health Clinics	No.	12,586	31	0	2	8	0	
	Rate <sup>3</sup>		0.2%	0.0%	0.0%	0.1%	0.0%	
Subtotal	South	27,669	281	16	53	225	0	
All								
Sexual Health Clinics	No.	21,813	1,045	160	180	862	10	
	Rate.		4.8%	0.7%	0.8%	4.0%	0.0%	
Family Planning Clinics	No.	43,634	451	39	35	126	0	
	Rate.		1.0%	0.1%	0.1%	0.3%	0.0%	
Student & Youth Health Clinics	No.	42,648	117	2	14	27	0	
	Rate.		0.3%	0.0%	0.0%	0.1%	0.0%	
Total	No.	108,095	1,613	201	229	1,015	10	
	Rate.		1.5%	0.2%	0.2%	0.9%	0.0%	

<sup>1</sup> Total no. clinic visits = total number of clinics visits for report period for any reason

<sup>2</sup> No. (for gonorrhoea and chlamydia only) = no. confirmed cases + no. probable cases

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

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

\* Infectious syphilis (primary, secondary and early latent)

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

	Confirmed						Probable		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>	No. <sup>1</sup>	% <sup>2</sup>	No. <sup>1</sup>	% <sup>2</sup>	
Sexual Health Clinics	878	84.0%	16	1.5%	4	0.4%	147	14.1%	1,045
Family Planning Clinics	350	77.6%	10	2.2%	2	0.4%	90	20.0%	451
Student & Youth Health Clinics	109	93.2%	6	5.1%	1	0.9%	1	0.9%	117
<b>Total</b>	<b>1,337</b>	<b>82.9%</b>	<b>32</b>	<b>2.0%</b>	<b>7</b>	<b>0.4%</b>	<b>238</b>	<b>14.8%</b>	<b>1,613</b>

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

	Confirmed												Total <sup>3</sup>
	Uncomplicated infection				PID/ epididymitis No. <sup>1</sup> % <sup>2</sup>	Extra-genital infection				Probable No. <sup>1</sup> % <sup>2</sup>			
	Urogenital No. <sup>1</sup> % <sup>2</sup>		Anorectal No. <sup>1</sup> % <sup>2</sup>			Pharynx No. <sup>1</sup> % <sup>2</sup>		Other site No. <sup>1</sup> % <sup>2</sup>					
Sexual Health Clinics	119	74.4%	10	6.3%	6	3.8%	5	3.1%	0	0.0%	21	13.1%	160
Family Planning Clinics	25	64.1%	0	0.0%	1	2.6%	1	2.6%	0	0.0%	12	30.8%	39
Student & Youth Health Clinics	2	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2
Total	146	73.0%	10	5.0%	7	3.0%	6	3.0%	0	0.0%	33	16.0%	201

<sup>1</sup> No. = no. cases with diagnosis<sup>2</sup> % = no. cases with diagnosis/total no. confirmed or probable cases by disease<sup>3</sup> Total = total no. confirmed or probable cases by disease; note that the cases may have been confirmed by disease at more than one site.

# Sexual Health Clinic (SHC) Data

## Chlamydia

**Table 2.1: Chlamydia - Disease rates by SHC**

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2003</u>			<u>2004</u>		
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.<sup>2</sup></u>	<u>Rate<sup>3</sup></u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.<sup>2</sup></u>	<u>Rate<sup>3</sup></u>
384	349	Whangarei	28	28	7.3%	16	16	4.6%
0	78	Kaikohe	0	0	0.0%	8	8	10.3
5636	6091	Auckland	199	228	4.0%	152	166	2.7%
<b>6020</b>	<b>6518</b>	<b>North</b>	<b>227</b>	<b>256</b>	<b>4.3%</b>	<b>176</b>	<b>190</b>	<b>2.9%</b>
2152	2149	Hamilton	113	121	5.6%	148	153	7.1%
1902	2099	Tauranga	91	97	5.1%	106	111	5.3%
445	345	Rotorua	45	52	11.7	18	29	8.4%
218	218	Whakatane	17	17	7.8%	16	16	7.3%
253	230	Taupo	30	40	15.8	25	37	16.1
573	582	New Plymouth	50	64	11.2	55	76	13.1
818	653	Gisborne	43	43	5.3%	29	29	4.4%
<b>6361</b>	<b>6276</b>	<b>Midland</b>	<b>389</b>	<b>434</b>	<b>6.8%</b>	<b>397</b>	<b>451</b>	<b>7.2%</b>
280	291	Napier	24	24	8.6%	20	20	6.9%
113	106	Hastings	15	15	13.3	6	6	5.7%
348	242	Wanganui	21	23	6.6%	30	31	12.8
967	1025	Palmerston North/Levin/Dannevirke	34	54	5.6%	56	79	7.7%
1605	2715	Wellington	19	21	1.3%	54	66	2.4%
281	266	Lower Hutt	11	12	4.3%	7	9	3.4%
196	158	Porirua	2	6	3.1%	4	8	5.1%
348	400	Nelson	18	18	5.2%	17	18	4.5%
59	0	Wairau (Blenheim)	1	1	1.7%	0	0	0.0%
<b>4197</b>	<b>5203</b>	<b>Central</b>	<b>145</b>	<b>174</b>	<b>4.1%</b>	<b>194</b>	<b>237</b>	<b>4.6%</b>
109	45	Greymouth	4	6	5.5%	0	0	0.0%
2253	2124	Christchurch	50	70	3.1%	54	73	3.4%
58	33	Ashburton	4	4	6.9%	1	1	3.0%
232	167	Timaru	24	24	10.3	8	8	4.8%
1017	807	Dunedin	33	37	3.6%	22	23	2.9%
427	640	Invercargill/Gore	41	56	13.1	46	62	9.7%
<b>4096</b>	<b>3816</b>	<b>South</b>	<b>156</b>	<b>197</b>	<b>4.8%</b>	<b>131</b>	<b>167</b>	<b>4.4%</b>
<b>20674</b>	<b>21813</b>	<b>Total</b>	<b>917</b>	<b>1061</b>	<b>5.1%</b>	<b>898</b>	<b>1045</b>	<b>4.8%</b>

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

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases.

<sup>3</sup> Rate = (total no. cases / total no. 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<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	46	135	48	30	15	9	10	0	293
		0.0	8.5	8.0	3.8	3.1	2.3	1.7	1.3	0.0	4.6
	Maori	3	44	54	24	8	4	0	3	0	140
		25.0	22.2	17.9	11.0	6.2	4.3	0.0	4.6	0.0	13.0
	Pacific Peoples	0	4	16	9	1	1	0	0	0	31
		0.0	9.1	17.0	12.2	2.2	5.6	0.0	0.0	0.0	10.0
	Other	0	3	11	9	7	2	2	0	0	34
		0.0	6.0	4.5	5.6	4.2	1.6	2.4	0.0	0.0	3.6
	Unknown	0	5	0	0	0	1	0	0	0	6
		0.0	33.3	0.0	0.0	0.0	8.3	0.0	0.0	0.0	6.1
<b>Total</b>		<b>3</b>	<b>102</b>	<b>216</b>	<b>90</b>	<b>46</b>	<b>23</b>	<b>11</b>	<b>13</b>	<b>0</b>	<b>504</b>
		<b>11.1</b>	<b>12.0</b>	<b>9.2</b>	<b>5.2</b>	<b>3.4</b>	<b>2.5</b>	<b>1.6</b>	<b>1.3</b>	<b>0.0</b>	<b>5.7</b>
<b>Females</b>	European/Pakeha	5	138	91	27	12	5	3	8	0	289
		4.1	5.3	3.9	2.2	1.5	1.1	1.0	1.8	0.0	3.5
	Maori	5	107	65	15	9	4	1	0	0	206
		4.9	9.7	8.3	4.3	3.3	2.7	0.9	0.0	0.0	7.0
	Pacific Peoples	0	8	13	2	3	0	0	0	0	26
		0.0	6.9	8.7	2.1	8.3	0.0	0.0	0.0	0.0	5.7
	Other	0	2	7	6	1	1	1	0	0	18
		0.0	1.6	2.7	2.6	0.6	1.0	1.7	0.0	0.0	1.8
	Unknown	0	1	1	0	0	0	0	0	0	2
		0.0	2.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
<b>Total</b>		<b>10</b>	<b>256</b>	<b>177</b>	<b>50</b>	<b>25</b>	<b>10</b>	<b>5</b>	<b>8</b>	<b>0</b>	<b>541</b>
		<b>4.2</b>	<b>6.4</b>	<b>5.0</b>	<b>2.6</b>	<b>2.0</b>	<b>1.3</b>	<b>1.0</b>	<b>1.4</b>	<b>0.0</b>	<b>4.2</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

# Gonorrhoea

**Table 2.3: Gonorrhoea - Disease rates by SHC**

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2003</u>			<u>2004</u>		
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>No. Confirmed</u>	<u>Total No.<sup>2</sup></u>	<u>Rate<sup>3</sup></u>	<u>No. Confirmed</u>	<u>Total No.<sup>2</sup></u>	<u>Rate<sup>3</sup></u>
384	349	Whangarei	2	2	0.5%	7	7	2.0%
0	78	Kaikohe	0	0	0.0%	0	0	0.0%
5636	6091	Auckland	77	81	1.4%	49	59	1.0%
<b>6020</b>	<b>6518</b>	<b>North</b>	<b>79</b>	<b>83</b>	<b>1.4%</b>	<b>56</b>	<b>66</b>	<b>1.0%</b>
2152	2149	Hamilton	14	16	0.7%	21	21	1.0%
1902	2099	Tauranga	14	16	0.8%	7	7	0.3%
445	345	Rotorua	8	8	1.8%	7	7	2.0%
218	218	Whakatane	1	1	0.5%	1	1	0.5%
253	230	Taupo	0	0	0.0%	1	2	0.9%
573	582	New Plymouth	3	3	0.5%	2	2	0.3%
818	653	Gisborne	6	6	0.7%	7	7	1.1%
<b>6361</b>	<b>6276</b>	<b>Midland</b>	<b>46</b>	<b>50</b>	<b>0.8%</b>	<b>46</b>	<b>47</b>	<b>0.7%</b>
280	291	Napier	2	2	0.7%	7	7	2.4%
113	106	Hastings	3	3	2.7%	1	1	0.9%
348	242	Wanganui	1	2	0.6%	1	1	0.4%
967	1025	Palmerston North/Levin/Dannevirke	6	9	0.9%	9	13	1.3%
1605	2715	Wellington	4	4	0.2%	10	13	0.5%
281	266	Lower Hutt	2	2	0.7%	0	0	0.0%
196	158	Porirua	1	1	0.5%	0	0	0.0%
348	400	Nelson	1	2	0.6%	2	3	0.7%
59	0	Wairau (Blenheim)	0	0	0.0%	0	0	0.0%
<b>4197</b>	<b>5203</b>	<b>Central</b>	<b>20</b>	<b>25</b>	<b>0.6%</b>	<b>30</b>	<b>38</b>	<b>0.7%</b>
109	45	Greymouth	0	0	0.0%	0	0	0.0%
2253	2124	Christchurch	6	9	0.4%	6	7	0.3%
58	33	Ashburton	0	0	0.0%	0	0	0.0%
232	167	Timaru	6	9	3.9%	0	0	0.0%
1017	807	Dunedin	0	0	0.0%	1	1	0.1%
427	640	Invercargill/Gore	0	1	0.2%	0	1	0.2%
<b>4096</b>	<b>3816</b>	<b>South</b>	<b>12</b>	<b>19</b>	<b>0.5%</b>	<b>7</b>	<b>9</b>	<b>0.2%</b>
<b>20674</b>	<b>21813</b>	<b>Total</b>	<b>157</b>	<b>177</b>	<b>0.9%</b>	<b>139</b>	<b>160</b>	<b>0.7%</b>

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

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases.

<sup>3</sup> Rate = (total no. cases / total no. 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<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	4	11	3	5	4	6	7	0	40
		0.0	0.7	0.7	0.2	0.5	0.6	1.1	0.9	0.0	0.6
	Maori	2	6	10	6	4	3	1	0	0	32
		16.7	3.0	3.3	2.8	3.1	3.3	1.6	0.0	0.0	3.0
	Pacific Peoples	0	2	4	2	1	1	0	0	0	10
		0.0	6.9	5.6	4.0	3.2	7.1	0.0	0.0	0.0	4.5
	Other	0	1	7	1	1	0	1	1	0	12
		0.0	2.0	2.9	0.6	0.6	0.0	1.2	0.9	0.0	1.3
	Unknown	0	0	1	0	0	0	1	0	0	2
		0.0	0.0	3.3	0.0	0.0	0.0	12.5	0.0	0.0	1.5
<b>Total</b>		<b>2</b>	<b>13</b>	<b>33</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>96</b>
		<b>7.4</b>	<b>1.5</b>	<b>1.4</b>	<b>0.7</b>	<b>0.8</b>	<b>0.9</b>	<b>1.3</b>	<b>0.8</b>	<b>0.0</b>	<b>1.1</b>
<b>Females</b>	European/Pakeha	0	11	6	1	2	0	0	1	0	21
		0.0	0.4	0.3	0.1	0.3	0.0	0.0	0.2	0.0	0.3
	Maori	0	9	13	2	4	1	0	0	0	29
		0.0	0.8	1.7	0.6	1.5	0.7	0.0	0.0	0.0	1.0
	Pacific Peoples	0	3	4	1	0	0	0	0	0	8
		0.0	2.6	2.7	1.0	0.0	0.0	0.0	0.0	0.0	1.8
	Other	0	0	1	1	0	1	1	0	0	4
		0.0	0.0	0.4	0.4	0.0	1.0	1.7	0.0	0.0	0.4
	Unknown	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
<b>Total</b>		<b>0</b>	<b>23</b>	<b>26</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>64</b>
		<b>0.0</b>	<b>0.6</b>	<b>0.7</b>	<b>0.3</b>	<b>0.5</b>	<b>0.3</b>	<b>0.2</b>	<b>0.2</b>	<b>0.0</b>	<b>0.5</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

# Genital Herpes

**Table 2.5: Genital Herpes - Disease rates by SHC**

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</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>
384	349	Whangarei	2	0.5%	1	0.3%
0	78	Kaikohe	0	0.0%	0	0.0%
5636	6091	Auckland	33	0.6%	38	0.6%
<b>6020</b>	<b>6518</b>	<b>North</b>	<b>35</b>	<b>0.6%</b>	<b>39</b>	<b>0.6%</b>
2152	2149	Hamilton	26	1.2%	17	0.8%
1902	2099	Tauranga	31	1.6%	12	0.6%
445	345	Rotorua	4	0.9%	3	0.9%
218	218	Whakatane	1	0.5%	2	0.9%
253	230	Taupo	1	0.4%	4	1.7%
573	582	New Plymouth	17	3.0%	11	1.9%
818	653	Gisborne	1	0.1%	2	0.3%
<b>6361</b>	<b>6276</b>	<b>Midland</b>	<b>81</b>	<b>1.3%</b>	<b>51</b>	<b>0.8%</b>
280	291	Napier	5	1.8%	3	1.0%
113	106	Hastings	1	0.9%	1	0.9%
348	242	Wanganui	0	0.0%	6	2.5%
967	1025	Palmerston North/Levin/Dannevirke	14	1.4%	18	1.8%
1605	2715	Wellington	11	0.7%	16	0.6%
281	266	Lower Hutt	1	0.4%	0	0.0%
196	158	Porirua	0	0.0%	2	1.3%
348	400	Nelson	6	1.7%	1	0.3%
59	0	Wairau (Blenheim)	2	3.4%	0	0.0%
<b>4197</b>	<b>5203</b>	<b>Central</b>	<b>40</b>	<b>1.0%</b>	<b>47</b>	<b>0.9%</b>
109	45	Greymouth	6	5.5%	1	2.2%
2253	2124	Christchurch	25	1.1%	29	1.4%
58	33	Ashburton	0	0.0%	1	3.0%
232	167	Timaru	3	1.3%	1	0.6%
1017	807	Dunedin	5	0.5%	6	0.7%
427	640	Invercargill/Gore	5	1.2%	5	0.8%
<b>4096</b>	<b>3816</b>	<b>South</b>	<b>44</b>	<b>1.1%</b>	<b>43</b>	<b>1.1%</b>
<b>20674</b>	<b>21813</b>	<b>Total</b>	<b>200</b>	<b>1.0%</b>	<b>180</b>	<b>0.8%</b>

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

<sup>2</sup> Rate = (total no. cases / total no. 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<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	13	18	7	4	8	14	0	66
		0.0	0.4	0.8	1.4	0.7	0.6	1.5	1.9	0.0	1.0
	Maori	0	2	5	3	3	3	2	2	0	20
		0.0	1.0	1.7	1.4	2.3	3.3	3.1	3.1	0.0	1.9
	Other	0	0	1	0	1	1	0	0	0	3
		0.0	0.0	0.6	0.0	0.9	1.3	0.0	0.0	0.0	0.5
	Unknown	0	0	0	0	0	0	1	1	0	2
<b>Females</b>		0.0	0.0	0.0	0.0	0.0	0.0	10.0	5.6	0.0	1.9
	<b>Total</b>	<b>0</b>	<b>4</b>	<b>19</b>	<b>21</b>	<b>11</b>	<b>8</b>	<b>11</b>	<b>17</b>	<b>0</b>	<b>91</b>
		<b>0.0</b>	<b>0.5</b>	<b>0.9</b>	<b>1.3</b>	<b>0.9</b>	<b>0.9</b>	<b>1.7</b>	<b>1.9</b>	<b>0.0</b>	<b>1.1</b>
	European/Pakeha	1	14	17	15	8	9	5	4	0	73
		0.8	0.5	0.7	1.2	1.0	1.9	1.6	0.9	0.0	0.9
	Maori	0	2	2	1	0	0	0	0	0	5
		0.0	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2
<b>Females</b>	Pacific Peoples	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	1.4
	Other	0	0	1	1	1	1	2	2	0	8
		0.0	0.0	0.4	0.4	0.6	1.0	3.4	2.9	0.0	0.8
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	1.8
	<b>Total</b>	<b>1</b>	<b>16</b>	<b>23</b>	<b>17</b>	<b>9</b>	<b>10</b>	<b>7</b>	<b>6</b>	<b>0</b>	<b>89</b>
		<b>0.4</b>	<b>0.4</b>	<b>0.7</b>	<b>0.9</b>	<b>0.7</b>	<b>1.3</b>	<b>1.4</b>	<b>1.0</b>	<b>0.0</b>	<b>0.7</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

## Genital Warts

**Table 2.7: Genital Warts - Disease rates by SHC**

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>Total</u>
384	349	Whangarei	16	4.2%	10	2.9%
0	78	Kaikohe	0	0.0%	0	0.0%
5636	6091	Auckland	266	4.7%	173	2.8%
<b>6020</b>	<b>6518</b>	<b>North</b>	<b>282</b>	<b>4.7%</b>	<b>183</b>	<b>2.8%</b>
2152	2149	Hamilton	109	5.1%	95	4.4%
1902	2099	Tauranga	63	3.3%	75	3.6%
445	345	Rotorua	29	6.5%	24	7.0%
218	218	Whakatane	12	5.5%	15	6.9%
253	230	Taupo	9	3.6%	5	2.2%
573	582	New Plymouth	34	5.9%	42	7.2%
818	653	Gisborne	0	0.0%	1	0.2%
<b>6361</b>	<b>6276</b>	<b>Midland</b>	<b>256</b>	<b>4.0%</b>	<b>257</b>	<b>4.1%</b>
280	291	Napier	15	5.4%	18	6.2%
113	106	Hastings	6	5.3%	9	8.5%
348	242	Wanganui	14	4.0%	13	5.4%
967	1025	Palmerston North/Levin/Dannevirke	49	5.1%	44	4.3%
1605	2715	Wellington	51	3.2%	101	3.7%
281	266	Lower Hutt	11	3.9%	15	5.6%
196	158	Porirua	7	3.6%	9	5.7%
348	400	Nelson	34	9.8%	26	6.5%
59	0	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>4197</b>	<b>5203</b>	<b>Central</b>	<b>187</b>	<b>4.5%</b>	<b>235</b>	<b>4.5%</b>
109	45	Greymouth	6	5.5%	6	13.3
2253	2124	Christchurch	94	4.2%	70	3.3%
58	33	Ashburton	4	6.9%	6	18.2
232	167	Timaru	19	8.2%	8	4.8%
1017	807	Dunedin	49	4.8%	51	6.3%
427	640	Invercargill/Gore	24	5.6%	46	7.2%
<b>4096</b>	<b>3816</b>	<b>South</b>	<b>196</b>	<b>4.8%</b>	<b>187</b>	<b>4.9%</b>
<b>20674</b>	<b>21813</b>	<b>Total</b>	<b>921</b>	<b>4.5%</b>	<b>862</b>	<b>4.0%</b>

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

<sup>2</sup> Rate = (total no. cases / total no. 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<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	47	103	58	32	23	14	16	0	293
		0.0	8.7	6.1	4.6	3.3	3.5	2.7	2.1	0.0	4.6
	Maori	0	12	23	10	8	2	2	1	0	58
		0.0	6.1	7.6	4.6	6.2	2.2	3.1	1.5	0.0	5.4
	Pacific Peoples	0	0	5	3	1	2	0	1	0	12
		0.0	0.0	7.0	6.0	3.2	14.3	0.0	4.8	0.0	5.4
	Other	0	1	8	2	1	5	0	1	0	18
		0.0	2.0	3.3	1.2	0.6	4.0	0.0	0.9	0.0	1.9
	Unknown	0	0	0	2	2	1	1	1	0	7
		0.0	0.0	0.0	11.1	9.5	5.9	9.1	2.9	0.0	4.1
<b>Total</b>		<b>0</b>	<b>60</b>	<b>139</b>	<b>75</b>	<b>44</b>	<b>33</b>	<b>17</b>	<b>20</b>	<b>0</b>	<b>388</b>
		<b>0.0</b>	<b>7.1</b>	<b>6.0</b>	<b>4.4</b>	<b>3.3</b>	<b>3.6</b>	<b>2.5</b>	<b>2.0</b>	<b>0.0</b>	<b>4.4</b>
<b>Females</b>	European/Pakeha	6	136	116	43	21	8	4	4	0	338
		4.9	5.2	5.0	3.5	2.7	1.7	1.3	0.9	0.0	4.1
	Maori	3	47	31	8	3	1	3	2	0	98
		2.9	4.3	4.0	2.3	1.1	0.7	2.7	3.3	0.0	3.3
	Pacific Peoples	1	7	1	1	2	0	1	0	0	13
		14.3	10.6	1.1	1.6	8.0	0.0	14.3	0.0	0.0	4.6
	Other	0	9	7	4	2	0	0	0	0	22
		0.0	7.2	2.7	1.7	1.2	0.0	0.0	0.0	0.0	2.2
	Unknown	0	3	0	0	0	0	0	0	0	3
		0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
<b>Total</b>		<b>10</b>	<b>202</b>	<b>155</b>	<b>56</b>	<b>28</b>	<b>9</b>	<b>8</b>	<b>6</b>	<b>0</b>	<b>474</b>
		<b>4.3</b>	<b>5.1</b>	<b>4.4</b>	<b>3.0</b>	<b>2.3</b>	<b>1.2</b>	<b>1.6</b>	<b>1.0</b>	<b>0.0</b>	<b>3.7</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

# Syphilis

**Table 2.9: Syphilis - Disease rates by SHC**

Quarter 3

<u>Total Clinic Visits<sup>1</sup></u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>Total</u>
384	349	Whangarei	0	0.0%	0	0.0%
0	78	Kaikohe	0	0.0%	0	0.0%
5636	6091	Auckland	4	0.1%	4	0.1%
<b>6020</b>	<b>6518</b>	<b>North</b>	<b>4</b>	<b>0.1%</b>	<b>4</b>	<b>0.1%</b>
2152	2149	Hamilton	1	0.0%	2	0.1%
1902	2099	Tauranga	0	0.0%	0	0.0%
445	345	Rotorua	0	0.0%	0	0.0%
218	218	Whakatane	0	0.0%	0	0.0%
253	230	Taupo	0	0.0%	0	0.0%
573	582	New Plymouth	0	0.0%	0	0.0%
818	653	Gisborne	0	0.0%	0	0.0%
<b>6361</b>	<b>6276</b>	<b>Midland</b>	<b>1</b>	<b>0.0%</b>	<b>2</b>	<b>0.0%</b>
280	291	Napier	0	0.0%	0	0.0%
113	106	Hastings	0	0.0%	1	0.9%
348	242	Wanganui	0	0.0%	0	0.0%
967	1025	Palmerston North/Levin/Dannevirke	2	0.2%	2	0.2%
1605	2715	Wellington	2	0.1%	1	0.0%
281	266	Lower Hutt	0	0.0%	0	0.0%
196	158	Porirua	0	0.0%	0	0.0%
348	400	Nelson	0	0.0%	0	0.0%
59	0	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>4197</b>	<b>5203</b>	<b>Central</b>	<b>4</b>	<b>0.1%</b>	<b>4</b>	<b>0.1%</b>
109	45	Greymouth	0	0.0%	0	0.0%
2253	2124	Christchurch	0	0.0%	0	0.0%
58	33	Ashburton	0	0.0%	0	0.0%
232	167	Timaru	0	0.0%	0	0.0%
1017	807	Dunedin	0	0.0%	0	0.0%
427	640	Invercargill/Gore	0	0.0%	0	0.0%
<b>4096</b>	<b>3816</b>	<b>South</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>
<b>20674</b>	<b>21813</b>	<b>Total</b>	<b>9</b>	<b>0.0%</b>	<b>10</b>	<b>0.0%</b>

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

<sup>2</sup> Rate = (total no. cases / total no. 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<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	0	0	0	2	0	0	3
		0.0	0.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.1
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.8
	Other	0	0	0	0	1	0	0	1	0	2
		0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.2	0.0	0.3
<b>Total</b>		<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>6</u>
		<u>0.0</u>	<u>0.4</u>	<u>0.0</u>	<u>0.2</u>	<u>0.2</u>	<u>0.0</u>	<u>0.8</u>	<u>0.3</u>	<u>0.0</u>	<u>0.2</u>
<b>Females</b>	European/Pakeha	0	0	1	0	0	0	1	0	0	2
		0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	Other	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.3
<b>Total</b>		<u>0</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>4</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.4</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

## NSU (Males Only)

**Table 2.11: NSU (Males Only) - Disease rates by SHC**

Quarter 3

<u>Total Clinic Visits for males<sup>1</sup></u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</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>
122	100	Whangarei	0	0.0%	0	0.0%
0	4	Kaikohe	0	0.0%	0	0.0%
2791	3107	Auckland	114	4.1%	75	2.4%
<b>2913</b>	<b>3211</b>	<b>North</b>	<b>114</b>	<b>3.9%</b>	<b>75</b>	<b>2.3%</b>
786	728	Hamilton	12	1.5%	18	2.5%
379	344	Tauranga	21	5.5%	18	5.2%
180	145	Rotorua	2	1.1%	1	0.7%
51	46	Whakatane	1	2.0%	0	0.0%
70	65	Taupo	0	0.0%	0	0.0%
227	257	New Plymouth	14	6.2%	14	5.4%
52	59	Gisborne	0	0.0%	0	0.0%
<b>1745</b>	<b>1644</b>	<b>Midland</b>	<b>50</b>	<b>2.9%</b>	<b>51</b>	<b>3.1%</b>
90	93	Napier	0	0.0%	0	0.0%
37	26	Hastings	0	0.0%	0	0.0%
92	91	Wanganui	6	6.5%	0	0.0%
433	433	Palmerston North/Levin/Dannevirke	55	12.7	35	8.1%
727	1296	Wellington	17	2.3%	8	0.6%
111	109	Lower Hutt	0	0.0%	1	0.9%
58	67	Porirua	0	0.0%	4	6.0%
148	168	Nelson	6	4.1%	3	1.8%
30	0	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>1726</b>	<b>2283</b>	<b>Central</b>	<b>84</b>	<b>4.9%</b>	<b>51</b>	<b>2.2%</b>
26	9	Greymouth	0	0.0%	0	0.0%
1265	1190	Christchurch	15	1.2%	12	1.0%
29	13	Ashburton	0	0.0%	0	0.0%
152	69	Timaru	0	0.0%	1	1.4%
279	231	Dunedin	6	2.2%	0	0.0%
211	276	Invercargill/Gore	8	3.8%	8	2.9%
<b>1962</b>	<b>1788</b>	<b>South</b>	<b>29</b>	<b>1.5%</b>	<b>21</b>	<b>1.2%</b>
<b>8346</b>	<b>8926</b>	<b>Total</b>	<b>277</b>	<b>3.3%</b>	<b>198</b>	<b>2.2%</b>

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

<sup>2</sup> Rate = (total no. cases / total no. 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.

# Family Planning Clinic (FPC) Data

## Chlamydia

**Table 3.1: Chlamydia - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	18	9	2	0	0	0	0	42
		0.0	3.2	6.0	7.0	2.2	0.0	0.0	0.0	0.0	3.5
	Maori	1	9	6	3	1	1	0	0	0	21
		6.7	27.3	19.4	23.1	16.7	100.0	0.0	0.0	0.0	20.2
	Pacific Peoples	0	1	3	0	0	0	0	0	0	4
		0.0	7.1	21.4	0.0	0.0	0.0	0.0	0.0	0.0	10.3
	Other	0	4	5	0	0	0	0	0	0	9
		0.0	9.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	6.2
	Unknown	0	5	10	2	1	0	0	0	0	18
		0.0	3.5	20.8	18.2	16.7	0.0	0.0	0.0	0.0	7.3
<b>Total</b>		<b>1</b>	<b>32</b>	<b>42</b>	<b>14</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>94</b>
		<b>1.7</b>	<b>5.1</b>	<b>9.4</b>	<b>8.2</b>	<b>3.6</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>5.4</b>
<b>Females</b>	European/Pakeha	3	103	69	14	6	1	1	0	1	198
		0.6	1.0	0.8	0.4	0.3	0.1	0.1	0.0	4.8	0.7
	Maori	4	33	21	6	1	0	0	0	0	65
		2.2	2.8	2.6	1.5	0.4	0.0	0.0	0.0	0.0	2.1
	Pacific Peoples	0	6	7	6	1	1	0	0	0	21
		0.0	1.3	1.6	3.4	0.9	2.8	0.0	0.0	0.0	1.6
	Other	0	25	14	4	1	2	0	0	0	46
		0.0	1.5	0.9	0.5	0.2	0.6	0.0	0.0	0.0	0.9
	Unknown	1	13	7	4	2	0	0	0	0	27
		1.5	1.2	0.7	0.8	0.5	0.0	0.0	0.0	0.0	0.7
<b>Total</b>		<b>8</b>	<b>180</b>	<b>118</b>	<b>34</b>	<b>11</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>357</b>
		<b>0.8</b>	<b>1.2</b>	<b>1.0</b>	<b>0.7</b>	<b>0.3</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>1.8</b>	<b>0.9</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

# Gonorrhoea

**Table 3.2: Gonorrhoea - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	2	1	0	0	0	0	3
		0.0	0.0	2.0	2.6	0.0	0.0	0.0	0.0	0.8
	Maori	0	0	1	1	0	0	0	0	2
		0.0	0.0	5.0	20.0	0.0	0.0	0.0	0.0	3.1
	Pacific Peoples	0	1	0	0	0	0	0	0	1
		0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	4.2
	Other	0	0	2	0	0	0	0	0	2
		0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	2.1
<b>Females</b>	Unknown	0	1	3	0	0	0	0	0	4
		0.0	0.7	6.3	0.0	0.0	0.0	0.0	0.0	1.6
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12</b>
		<b>0.0</b>	<b>0.6</b>	<b>3.8</b>	<b>2.9</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.5</b>
	European/Pakeha	0	5	6	0	1	0	0	0	12
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	0	2	5	0	1	0	0	0	8
		0.0	0.2	0.6	0.0	0.4	0.0	0.0	0.0	0.3
<b>Females</b>	Pacific Peoples	0	3	0	0	0	0	0	0	3
		0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Other	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
	Unknown	1	2	0	0	0	0	0	0	3
		4.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	<b>Total</b>	<b>1</b>	<b>13</b>	<b>11</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>
		<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

## Genital Herpes

**Table 3.3: Genital Herpes - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	0	1	0	0	0	0	2
		0.0	0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.2
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>Females</b>		<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>1.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>
	European/Pakeha	0	9	7	2	4	1	1	0	25
		0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.1
	Maori	0	0	1	1	0	0	0	0	2
		0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.1
	Pacific Peoples	0	1	0	0	0	0	0	0	1
		0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Other	0	0	2	0	0	0	0	0	2
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	0	2	0	0	0	0	1	3
		0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.9	0.1
	<b>Total</b>	<b>0</b>	<b>10</b>	<b>12</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>33</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

## Genital Warts

**Table 3.4: Genital Warts - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	9	9	5	1	0	0	0	0	24
		0.0	2.2	3.0	3.9	1.1	0.0	0.0	0.0	0.0	2.0
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	4.2
	Other	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	0.0	2.3
	Unknown	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3
<b>Total</b>		<b>0</b>	<b>9</b>	<b>13</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>
		<b>0.0</b>	<b>1.8</b>	<b>3.6</b>	<b>3.4</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.9</b>
<b>Females</b>	European/Pakeha	0	32	25	5	1	1	1	0	0	65
		0.0	0.3	0.3	0.1	0.0	0.1	0.1	0.0	0.0	0.2
	Maori	1	7	0	0	0	0	0	0	0	8
		0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Pacific Peoples	0	3	2	0	0	0	0	0	0	5
		0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Other	1	6	5	0	0	1	0	0	0	13
		0.8	0.4	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.2
<b>Total</b>		<b>1</b>	<b>50</b>	<b>32</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>98</b>
		<b>0.3</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>0.0</b>	<b>0.2</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

# Student & Youth Health Clinic (SYHC) Data

## Chlamydia

**Table 4.1: Chlamydia - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	8	1	0	0	0	0	0	14
		0.0	0.7	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.4
	Maori	0	2	1	1	0	0	0	0	0	4
		0.0	1.4	0.4	1.0	0.0	0.0	0.0	0.0	0.0	0.5
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
	Unknown	0	0	1	0	0	0	0	0	0	1
<b>Females</b>		0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	<u>0</u>	<u>7</u>	<u>11</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>20</u>
		<u>0.0</u>	<u>0.8</u>	<u>0.6</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>0.3</u>
	European/Pakeha	0	22	23	3	1	0	0	0	0	49
		0.0	0.6	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.5
	Maori	0	15	13	3	0	1	0	0	0	32
		0.0	2.1	1.4	1.0	0.0	0.5	0.0	0.0	0.0	1.2
<b>Females</b>	Pacific Peoples	0	2	1	2	2	0	0	0	0	7
		0.0	3.4	0.6	4.8	10.5	0.0	0.0	0.0	0.0	2.0
	Other	0	2	5	0	1	0	0	0	0	8
		0.0	0.6	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.3
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	<u>0</u>	<u>42</u>	<u>42</u>	<u>8</u>	<u>4</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>97</u>
<b>Females</b>		<u>0.0</u>	<u>0.9</u>	<u>0.6</u>	<u>0.5</u>	<u>0.5</u>	<u>0.2</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.5</u>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

# Gonorrhoea

**Table 4.2: Gonorrhoea - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	Pacific Peoples	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	1.4
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</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>7.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.4</b>
Females	Pacific Peoples	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.9
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</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>20.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.9</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

## Genital Herpes

**Table 4.3: Genital Herpes - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	0	0	0	0	0	0	1
		0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	<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>Females</b>	European/Pakeha	0	3	5	0	1	0	0	0	10
		0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.1
	<b>Total</b>	<b>0</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>13</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.3</b>	<b>0.2</b>	<b>0.1</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

## Genital Warts

**Table 4.4: Genital Warts - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity**

Quarter 3 2004

		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	5	0	0	0	0	0	6
		0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	2	1	0	0	0	0	0	3
		0.0	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.4
<b>Total</b>		<b>0</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>
		<b>0.0</b>	<b>0.4</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>0.3</b>
<b>Females</b>	European/Pakeha	0	4	6	0	1	0	0	0	11
		0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.1
	Maori	0	3	2	0	0	0	0	0	5
		0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.3
	Other	0	1	0	0	0	0	0	0	1
		0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Unknown	0	0	0	1	0	0	0	0	1
<b>Total</b>		<b>0</b>	<b>8</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>
		<b>0.0</b>	<b>0.2</b>	<b>0.2</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>

<sup>1</sup> For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

<sup>2</sup> Rate = (total number of cases / total number of 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. * 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, <b>or</b> 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, <b>or</b> A clinically compatible illness in a person who is a contact of a confirmed case.</p>