

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

**July to September 2007**

Prepared as part of a Ministry of Health  
Contract for scientific services

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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# Contents

<b>INTRODUCTION.....</b>	<b>1</b>
<b>METHODS.....</b>	<b>1</b>
<b>OVERVIEW .....</b>	<b>2</b>
<b>ALL CLINIC DATA.....</b>	<b>3</b>
<i>Table 1.1: Summary – Cases and Clinic Visit Rates by Disease and Clinic Type .....</i>	<i>3</i>
<i>Table 1.2: Summary - Chlamydia Site of Infection.....</i>	<i>4</i>
<i>Table 1.3: Summary - Gonorrhoea Site of Infection .....</i>	<i>4</i>
<b>SEXUAL HEALTH CLINIC (SHC) DATA.....</b>	<b>5</b>
CHLAMYDIA .....	5
<i>Table 2.1: Chlamydia - Cases and Clinic Visit Rates by SHC .....</i>	<i>5</i>
<i>Table 2.2: Chlamydia - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs .....</i>	<i>6</i>
GONORRHOEA .....	7
<i>Table 2.3: Gonorrhoea – Cases and Clinic Visit Rates by SHC .....</i>	<i>7</i>
<i>Table 2.4: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs.....</i>	<i>8</i>
GENITAL HERPES (FIRST PRESENTATION).....	9
<i>Table 2.5: Genital Herpes – Cases and Clinic Visit Rates by SHC .....</i>	<i>9</i>
<i>Table 2.6: Genital Herpes - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs .....</i>	<i>10</i>
GENITAL WARTS (FIRST PRESENTATION) .....	11
<i>Table 2.7: Genital Warts – Cases and Clinic Visit Rates by SHC .....</i>	<i>11</i>
<i>Table 2.8: Genital Warts - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs .....</i>	<i>12</i>
SYPHILIS.....	13
<i>Table 2.9: Syphilis – Cases and Clinic Visit Rates by SHC .....</i>	<i>13</i>
<i>Table 2.10: Syphilis - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs .....</i>	<i>14</i>
NSU (MALES ONLY).....	15
<i>Table 2.11: NSU (Males Only) – Cases and Clinic Visit Rates by SHC .....</i>	<i>15</i>
<i>Table 2.12: NSU (Males only) - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs .....</i>	<i>16</i>
<b>FAMILY PLANNING CLINIC (FPC) DATA.....</b>	<b>17</b>
CHLAMYDIA .....	17
<i>Table 3.1: Chlamydia - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs .....</i>	<i>17</i>
GONORRHOEA .....	18
<i>Table 3.2: Gonorrhoea - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs.....</i>	<i>18</i>
GENITAL HERPES (FIRST PRESENTATION).....	19
<i>Table 3.3: Genital Herpes - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs .....</i>	<i>19</i>
GENITAL WARTS (FIRST PRESENTATION) .....	20
<i>Table 3.4: Genital Warts - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs .....</i>	<i>20</i>
<b>STUDENT &amp; YOUTH HEALTH CLINIC (SYHC) DATA .....</b>	<b>21</b>
CHLAMYDIA .....	21
<i>Table 4.1: Chlamydia - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs.....</i>	<i>21</i>
GONORRHOEA .....	22
<i>Table 4.2: Gonorrhoea - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs.....</i>	<i>22</i>
GENITAL HERPES (FIRST PRESENTATION).....	23
<i>Table 4.3: Genital Herpes - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs...</i>	<i>23</i>
GENITAL WARTS (FIRST PRESENTATION).....	24
<i>Table 4.4: Genital Warts – Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs ....</i>	<i>24</i>
<b>APPENDIX: STI SURVEILLANCE CASE DEFINITIONS .....</b>	<b>25</b>

## 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 10<sup>th</sup> December 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, 24 clinics provided STI data by the date required for all three months in the third quarter (July to September) 2007.

#### FPCs

Thirty-six FPCs participate in STI surveillance. Of these, 35 clinics provided STI data by the date required for all three months in the third quarter (July to September) 2007. 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, 15 clinics provided STI data by the date required for all three months in the third quarter (July to September) 2007. 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 22 829 visits. A total of 1 152 cases of chlamydia, 244 cases of gonorrhoea, 186 cases of genital herpes, 910 cases of genital warts, 17 cases of syphilis and 210 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 49 945 visits. A total of 867 cases of chlamydia, 46 cases of gonorrhoea, 45 cases of genital herpes, 163 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 2006 are shown in Table 1.

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

During the current quarter, SYHCs reported 60 616 visits. A total of 235 cases of chlamydia, 20 cases of gonorrhoea, 26 cases of genital herpes, 69 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 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 July to September 2007, compared to the equivalent quarter of 2006.

Clinical setting	STI	July to September 2006		July to September 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	955	4.2%	1152	5.0%	▲
	Gonorrhoea	182	0.8%	244	1.1%	▲
	Genital herpes	181	0.8%	186	0.8%	—
	Genital warts	640	2.8%	910	4.0%	▲
	Syphilis	8	0.0%	17	0.1%	▲
	NSU (Males Only)	152	1.6%	210	2.2%	▲
FPCs	Chlamydia	756	1.6%	867	1.7%	▲
	Gonorrhoea	42	0.1%	46	0.1%	—
	Genital herpes	38	0.1%	45	0.1%	—
	Genital warts	171	0.4%	163	0.3%	▼
	Syphilis	0	0.0%	0	0.0%	—
	NSU (Males Only)	2	0.1%	1	0.0%	▼
SYHCs	Chlamydia	255	0.4%	235	0.4%	—
	Gonorrhoea	12	0.0%	20	0.0%	—
	Genital herpes	25	0.0%	26	0.0%	—
	Genital warts	68	0.1%	69	0.1%	—
	Syphilis	0	0.0%	0	0.0%	—
	NSU (Males Only)	3	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 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*</u>
<b>North</b>						
Sexual Health Clinics	No. 8,417	297	88	48	327	14
	Rate <sup>3</sup>	3.5%	1.0%	0.6%	3.9%	0.2%
Family Planning Clinics	No. 22,158	337	15	18	58	0
	Rate <sup>3</sup>	1.5%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 9,582	18	2	5	5	0
	Rate <sup>3</sup>	0.2%	0.0%	0.1%	0.1%	0.0%
<b>Subtotal North</b>	<b>40,157</b>	<b>652</b>	<b>105</b>	<b>71</b>	<b>390</b>	<b>14</b>
<b>Midland</b>						
Sexual Health Clinics	No. 6,052	466	74	46	251	1
	Rate <sup>3</sup>	7.7%	1.2%	0.8%	4.1%	0.0%
Family Planning Clinics	No. 5,882	166	9	1	16	0
	Rate <sup>3</sup>	2.8%	0.2%	0.0%	0.3%	0.0%
Student & Youth Health	No. 10,961	40	2	4	9	0
	Rate <sup>3</sup>	0.4%	0.0%	0.0%	0.1%	0.0%
<b>Subtotal Midland</b>	<b>22,895</b>	<b>672</b>	<b>85</b>	<b>51</b>	<b>276</b>	<b>1</b>
<b>Central</b>						
Sexual Health Clinics	No. 4,260	220	45	37	153	2
	Rate <sup>3</sup>	5.2%	1.1%	0.9%	3.6%	0.0%
Family Planning Clinics	No. 9,533	191	13	16	36	0
	Rate <sup>3</sup>	2.0%	0.1%	0.2%	0.4%	0.0%
Student & Youth Health	No. 17,030	111	11	8	19	0
	Rate <sup>3</sup>	0.7%	0.1%	0.0%	0.1%	0.0%
<b>Subtotal Central</b>	<b>30,823</b>	<b>522</b>	<b>69</b>	<b>61</b>	<b>208</b>	<b>2</b>
<b>South</b>						
Sexual Health Clinics	No. 4,100	169	37	55	179	0
	Rate <sup>3</sup>	4.1%	0.9%	1.3%	4.4%	0.0%
Family Planning Clinics	No. 12,372	173	9	10	53	0
	Rate <sup>3</sup>	1.4%	0.1%	0.1%	0.4%	0.0%
Student & Youth Health	No. 23,043	66	5	9	36	0
	Rate <sup>3</sup>	0.3%	0.0%	0.0%	0.2%	0.0%
<b>Subtotal South</b>	<b>39,515</b>	<b>408</b>	<b>51</b>	<b>74</b>	<b>268</b>	<b>0</b>
<b>All regions</b>						
Sexual Health Clinics	No. 22,829	1,152	244	186	910	17
	Rate	5.0%	1.1%	0.8%	4.0%	0.1%
Family Planning Clinics	No. 49,945	867	46	45	163	0
	Rate	1.7%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 60,616	235	20	26	69	0
	Rate	0.4%	0.0%	0.0%	0.1%	0.0%
<b>Total</b>	<b>No. 133,390</b>	<b>2,254</b>	<b>310</b>	<b>257</b>	<b>1,142</b>	<b>17</b>
	<b>Rate</b>	<b>1.7%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.9%</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

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

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

Quarter 3 2007

	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	97.9%	19	1.7%	5	0.4%	1151
Family Planning Clinics	849	97.8%	15	1.7%	4	0.5%	868
Student & Youth Health Clinics	232	98.7%	3	1.3%	0	0.0%	235
<b>Total</b>	2208	98.0%	37	1.6%	9	0.4%	2254

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

Quarter 3 2007

	<i>Confirmed</i>										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	231	93.5%	7	2.8%	5	2.0%	3	1.2%	1	0.4%	247
Family Planning Clinics	45	97.8%	0	0.0%	1	2.2%	0	0.0%	0	0.0%	46
Student & Youth Health Clinics	20	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	20
<b>Total</b>	296	94.6%	7	2.2%	6	1.9%	3	1.0%	1	0.3%	313

<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 3

<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>	
572	611	Whangarei	27	4.7%	34	5.6%
243	130	Dargaville	4	1.6%	3	2.3%
126	78	Kaikohe	11	8.7%	10	12.8%
6698	7598	Auckland	66	1.0%	250	3.3%
<b>7639</b>	<b>8417</b>	<b>North</b>	<b>108</b>	<b>1.4%</b>	<b>297</b>	<b>3.5%</b>
2178	2056	Hamilton	173	7.9%	123	6.0%
2027	1859	Tauranga	107	5.3%	146	7.9%
315	309	Rotorua	19	6.0%	12	3.9%
244	231	Whakatane	18	7.4%	29	12.6%
217	243	Taupo	14	6.5%	14	5.8%
599	551	New Plymouth	79	13.2%	83	15.1%
732	803	Gisborne	49	6.7%	59	7.3%
<b>6312</b>	<b>6052</b>	<b>Midland</b>	<b>459</b>	<b>7.3%</b>	<b>466</b>	<b>7.7%</b>
276	323	Napier	36	13.0%	32	9.9%
147	141	Hastings	11	7.5%	22	15.6%
210	283	Wanganui	7	3.3%	7	2.5%
900	1049	Palmerston North/Levin/Dannevirke	70	7.8%	80	7.6%
2365	2075	Wellington	65	2.7%	59	2.8%
207	241	Lower Hutt	4	1.9%	2	0.8%
148	148	Porirua	5	3.4%	18	12.2%
366	0	Nelson	14	3.8%	0	0.0%
140	0	Wairau (Blenheim)	8	5.7%	0	0.0%
<b>4759</b>	<b>4260</b>	<b>Central</b>	<b>220</b>	<b>4.6%</b>	<b>220</b>	<b>5.2%</b>
90	163	Greymouth	3	3.3%	4	2.5%
122	122	Westport/Buller	6	4.9%	11	9.0%
2227	2216	Christchurch	67	3.0%	55	2.5%
36	1	Ashburton	3	8.3%	0	0.0%
195	162	Timaru	12	6.2%	10	6.2%
973	856	Dunedin	37	3.8%	36	4.2%
577	580	Invercargill/Gore	40	6.9%	53	9.1%
<b>4220</b>	<b>4100</b>	<b>South</b>	<b>168</b>	<b>4.0%</b>	<b>169</b>	<b>4.1%</b>
<b>22930</b>	<b>22829</b>	<b>Total</b>	<b>955</b>	<b>4.2%</b>	<b>1152</b>	<b>5.0%</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 2.2: Chlamydia - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 3 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	58	106	56	26	8	12	18	0	284
		0.0	8.6	7.3	4.8	3.2	1.1	2.5	1.8	0.0	4.5
	Maori	0	38	44	19	10	3	2	0	0	116
		0.0	12.7	13.5	8.3	7.9	2.6	2.4	0.0	-	9.3
	Pacific Peoples	0	9	22	10	5	0	2	0	0	48
		0.0	16.4	16.1	10.2	8.5	0.0	7.4	0.0	-	10.3
	Other	0	4	3	15	7	2	2	1	0	34
		0.0	9.1	1.7	5.3	3.0	1.4	1.7	0.7	0.0	3.0
	Unknown	0	1	1	1	0	2	1	0	0	6
		0.0	6.3	2.8	2.5	0.0	3.5	3.7	0.0	-	2.3
<b>Total</b>		<b>0</b>	<b>110</b>	<b>176</b>	<b>101</b>	<b>48</b>	<b>15</b>	<b>19</b>	<b>19</b>	<b>0</b>	<b>488</b>
		<b>0.0</b>	<b>10.1</b>	<b>8.2</b>	<b>5.5</b>	<b>3.8</b>	<b>1.4</b>	<b>2.6</b>	<b>1.4</b>	<b>0.0</b>	<b>5.1</b>
<b>Females</b>	European/Pakeha	10	172	81	27	8	6	6	4	0	314
		13.0	6.5	4.0	2.3	1.0	1.1	1.5	0.8	0.0	3.9
	Maori	18	148	69	18	17	4	1	2	0	277
		18.9	11.4	8.1	4.0	7.2	2.4	0.8	2.8	0.0	8.4
	Pacific Peoples	0	7	25	7	1	0	0	0	0	40
		0.0	6.6	11.7	5.4	2.0	0.0	0.0	0.0	-	6.6
	Other	0	3	13	4	3	1	1	0	0	25
		0.0	2.2	4.4	1.7	1.7	0.8	1.0	0.0	-	2.1
	Unknown	0	2	4	0	2	0	0	0	0	8
		0.0	7.4	6.3	0.0	6.7	0.0	0.0	0.0	-	3.6
<b>Total</b>		<b>28</b>	<b>332</b>	<b>192</b>	<b>56</b>	<b>31</b>	<b>11</b>	<b>8</b>	<b>6</b>	<b>0</b>	<b>664</b>
		<b>15.5</b>	<b>7.9</b>	<b>5.6</b>	<b>2.8</b>	<b>2.5</b>	<b>1.2</b>	<b>1.2</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>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>
572	611	Whangarei	1	0.2%	4	0.7%
243	130	Dargaville	0	0.0%	0	0.0%
126	78	Kaikohe	1	0.8%	0	0.0%
6698	7598	Auckland	24	0.4%	84	1.1%
<b>7639</b>	<b>8417</b>	<b>North</b>	<b>26</b>	<b>0.3%</b>	<b>88</b>	<b>1.0%</b>
2178	2056	Hamilton	46	2.1%	22	1.1%
2027	1859	Tauranga	14	0.7%	22	1.2%
315	309	Rotorua	2	0.6%	2	0.6%
244	231	Whakatane	3	1.2%	5	2.2%
217	243	Taupo	0	0.0%	1	0.4%
599	551	New Plymouth	9	1.5%	16	2.9%
732	803	Gisborne	4	0.5%	6	0.7%
<b>6312</b>	<b>6052</b>	<b>Midland</b>	<b>78</b>	<b>1.2%</b>	<b>74</b>	<b>1.2%</b>
276	323	Napier	15	5.4%	6	1.9%
147	141	Hastings	2	1.4%	3	2.1%
210	283	Wanganui	3	1.4%	3	1.1%
900	1049	Palmerston North/Levin/Dannevirke	12	1.3%	7	0.7%
2365	2075	Wellington	7	0.3%	19	0.9%
207	241	Lower Hutt	1	0.5%	3	1.2%
148	148	Porirua	2	1.4%	4	2.7%
366	0	Nelson	2	0.5%	0	0.0%
140	0	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>4759</b>	<b>4260</b>	<b>Central</b>	<b>44</b>	<b>0.9%</b>	<b>45</b>	<b>1.1%</b>
90	163	Greymouth	0	0.0%	6	3.7%
122	122	Westport/Buller	0	0.0%	3	2.5%
2227	2216	Christchurch	24	1.1%	13	0.6%
36	1	Ashburton	0	0.0%	0	0.0%
195	162	Timaru	3	1.5%	2	1.2%
973	856	Dunedin	1	0.1%	3	0.4%
577	580	Invercargill/Gore	6	1.0%	10	1.7%
<b>4220</b>	<b>4100</b>	<b>South</b>	<b>34</b>	<b>0.8%</b>	<b>37</b>	<b>0.9%</b>
<b>22930</b>	<b>22829</b>	<b>Total</b>	<b>182</b>	<b>0.8%</b>	<b>244</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 2.4: Gonorrhoea - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 3 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	10	18	5	6	0	8	0	58
		0.0	1.6	0.7	1.5	0.6	0.8	0.0	0.8	0.0	0.9
	Maori	0	14	23	9	4	5	3	1	0	59
		0.0	4.7	7.1	3.9	3.2	4.4	3.6	1.7	-	4.7
	Pacific Peoples	0	2	13	6	2	0	0	0	0	23
		0.0	3.6	9.5	6.1	3.4	0.0	0.0	0.0	-	4.9
	Other	0	1	0	3	5	1	1	0	0	11
		0.0	2.3	0.0	1.1	2.2	0.7	0.9	0.0	0.0	1.0
<b>Total</b>		<b>0</b>	<b>28</b>	<b>46</b>	<b>36</b>	<b>16</b>	<b>12</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>151</b>
		<b>0.0</b>	<b>2.6</b>	<b>2.2</b>	<b>2.0</b>	<b>1.3</b>	<b>1.2</b>	<b>0.6</b>	<b>0.7</b>	<b>0.0</b>	<b>1.6</b>
<b>Females</b>	European/Pakeha	0	12	11	2	1	1	0	0	0	27
		0.0	0.5	0.5	0.2	0.1	0.2	0.0	0.0	0.0	0.3
	Maori	1	22	18	8	0	2	0	0	0	51
		1.1	1.7	2.1	1.8	0.0	1.2	0.0	0.0	0.0	1.5
	Pacific Peoples	0	3	5	2	0	0	0	0	0	10
		0.0	2.8	2.3	1.6	0.0	0.0	0.0	0.0	-	1.6
	Other	0	2	2	0	0	0	0	0	0	4
		0.0	2.2	0.9	0.0	0.0	0.0	0.0	0.0	-	0.5
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	1.1
<b>Total</b>		<b>1</b>	<b>39</b>	<b>37</b>	<b>12</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>93</b>
		<b>0.6</b>	<b>0.9</b>	<b>1.1</b>	<b>0.6</b>	<b>0.1</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</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 3

<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>Total</u>	
			<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
572	611	Whangarei	4	0.7%	3	0.5%
243	130	Dargaville	0	0.0%	0	0.0%
126	78	Kaikohe	1	0.8%	1	1.3%
6698	7598	Auckland	23	0.3%	44	0.6%
<b>7639</b>	<b>8417</b>	<b>North</b>	<b>28</b>	<b>0.4%</b>	<b>48</b>	<b>0.6%</b>
2178	2056	Hamilton	37	1.7%	21	1.0%
2027	1859	Tauranga	12	0.6%	12	0.6%
315	309	Rotorua	1	0.3%	4	1.3%
244	231	Whakatane	0	0.0%	0	0.0%
217	243	Taupo	0	0.0%	2	0.8%
599	551	New Plymouth	13	2.2%	5	0.9%
732	803	Gisborne	1	0.1%	2	0.2%
<b>6312</b>	<b>6052</b>	<b>Midland</b>	<b>64</b>	<b>1.0%</b>	<b>46</b>	<b>0.8%</b>
276	323	Napier	2	0.7%	3	0.9%
147	141	Hastings	0	0.0%	2	1.4%
210	283	Wanganui	2	1.0%	2	0.7%
900	1049	Palmerston North/Levin/Dannevirke	5	0.6%	5	0.5%
2365	2075	Wellington	17	0.7%	22	1.1%
207	241	Lower Hutt	0	0.0%	3	1.2%
148	148	Porirua	0	0.0%	0	0.0%
366	0	Nelson	3	0.8%	0	0.0%
140	0	Wairau (Blenheim)	1	0.7%	0	0.0%
<b>4759</b>	<b>4260</b>	<b>Central</b>	<b>30</b>	<b>0.6%</b>	<b>37</b>	<b>0.9%</b>
90	163	Greymouth	4	4.4%	0	0.0%
122	122	Westport/Buller	2	1.6%	0	0.0%
2227	2216	Christchurch	25	1.1%	31	1.4%
36	1	Ashburton	0	0.0%	0	0.0%
195	162	Timaru	2	1.0%	3	1.9%
973	856	Dunedin	18	1.8%	10	1.2%
577	580	Invercargill/Gore	8	1.4%	11	1.9%
<b>4220</b>	<b>4100</b>	<b>South</b>	<b>59</b>	<b>1.4%</b>	<b>55</b>	<b>1.3%</b>
<b>22930</b>	<b>22829</b>	<b>Total</b>	<b>181</b>	<b>0.8%</b>	<b>186</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 3 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	8	22	14	8	1	6	8	0	67
		0.0	1.2	1.5	1.2	1.0	0.1	1.3	0.8	0.0	1.1
	Maori	0	1	3	1	1	3	2	0	0	11
		0.0	0.3	0.9	0.4	0.8	2.6	2.4	0.0	-	0.9
	Pacific Peoples	0	0	0	0	2	1	0	0	0	3
		0.0	0.0	0.0	0.0	3.4	2.5	0.0	0.0	-	0.6
	Other	0	1	0	6	2	2	1	0	0	12
		0.0	2.3	0.0	2.1	0.9	1.4	0.9	0.0	0.0	1.0
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.0
	<b>Total</b>	<b>0</b>	<b>11</b>	<b>25</b>	<b>21</b>	<b>13</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>94</b>
		<b>0.0</b>	<b>1.0</b>	<b>1.2</b>	<b>1.2</b>	<b>1.1</b>	<b>0.7</b>	<b>1.3</b>	<b>0.6</b>	<b>0.0</b>	<b>1.0</b>
<b>Females</b>	European/Pakeha	0	19	17	12	6	6	1	8	0	69
		0.0	0.7	0.8	1.0	0.8	1.1	0.3	1.7	0.0	0.9
	Maori	0	8	1	2	2	0	0	0	0	13
		0.0	0.6	0.1	0.4	0.8	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	0	1	0	0	1	0	0	0	2
		0.0	0.0	1.7	0.0	0.0	5.0	0.0	0.0	-	1.0
	Other	0	4	1	0	0	2	0	0	0	7
		0.0	2.9	0.3	0.0	0.0	1.7	0.0	0.0	-	0.6
	Unknown	0	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	-	1.2
	<b>Total</b>	<b>0</b>	<b>31</b>	<b>20</b>	<b>14</b>	<b>8</b>	<b>10</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>92</b>
		<b>0.0</b>	<b>0.8</b>	<b>0.6</b>	<b>0.7</b>	<b>0.7</b>	<b>1.2</b>	<b>0.2</b>	<b>1.2</b>	<b>0.0</b>	<b>0.7</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>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>
572	611	Whangarei	19	3.3%	30	4.9%
243	130	Dargaville	1	0.4%	1	0.8%
126	78	Kaikohe	1	0.8%	0	0.0%
6698	7598	Auckland	0	0.0%	296	3.9%
<b>7639</b>	<b>8417</b>	<b>North</b>	<b>21</b>	<b>0.3%</b>	<b>327</b>	<b>3.9%</b>
2178	2056	Hamilton	107	4.9%	114	5.5%
2027	1859	Tauranga	91	4.5%	61	3.3%
315	309	Rotorua	13	4.1%	21	6.8%
244	231	Whakatane	5	2.0%	19	8.2%
217	243	Taupo	1	0.5%	10	4.1%
599	551	New Plymouth	39	6.5%	26	4.7%
732	803	Gisborne	0	0.0%	0	0.0%
<b>6312</b>	<b>6052</b>	<b>Midland</b>	<b>256</b>	<b>4.1%</b>	<b>251</b>	<b>4.1%</b>
276	323	Napier	14	5.1%	11	3.4%
147	141	Hastings	11	7.5%	8	5.7%
210	283	Wanganui	11	5.2%	13	4.6%
900	1049	Palmerston North/Levin/Dannevirke	28	3.1%	31	3.0%
2365	2075	Wellington	68	2.9%	66	3.2%
207	241	Lower Hutt	10	4.8%	16	6.6%
148	148	Porirua	7	4.7%	8	5.4%
366	0	Nelson	18	4.9%	0	0.0%
140	0	Wairau (Blenheim)	16	11.4%	0	0.0%
<b>4759</b>	<b>4260</b>	<b>Central</b>	<b>183</b>	<b>3.8%</b>	<b>153</b>	<b>3.6%</b>
90	163	Greymouth	5	5.6%	3	1.8%
122	122	Westport/Buller	4	3.3%	4	3.3%
2227	2216	Christchurch	80	3.6%	83	3.7%
36	1	Ashburton	1	2.8%	0	0.0%
195	162	Timaru	16	8.2%	15	9.3%
973	856	Dunedin	51	5.2%	31	3.6%
577	580	Invercargill/Gore	23	4.0%	43	7.4%
<b>4220</b>	<b>4100</b>	<b>South</b>	<b>180</b>	<b>4.3%</b>	<b>179</b>	<b>4.4%</b>
<b>22930</b>	<b>22829</b>	<b>Total</b>	<b>640</b>	<b>2.8%</b>	<b>910</b>	<b>4.0%</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 2.8: Genital Warts - Cases and Clinic Visit Rates<sup>1</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 3 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	38	99	54	40	25	17	24	0	297
		0.0	5.7	6.8	4.6	5.0	3.4	3.6	2.4	0.0	4.7
	Maori	1	19	27	7	2	6	2	2	0	66
		12.5	6.4	8.3	3.0	1.6	5.3	2.4	3.4	-	5.3
	Pacific Peoples	0	3	9	4	3	0	1	0	0	20
		0.0	5.5	6.6	4.1	5.1	0.0	3.7	0.0	-	4.3
	Other	0	2	7	12	6	1	1	1	0	30
		0.0	4.5	4.0	4.3	2.6	0.7	0.9	0.7	0.0	2.6
	Unknown	0	0	5	1	1	3	0	2	0	12
		0.0	0.0	13.9	2.5	3.1	5.3	0.0	3.7	-	4.6
<b>Total</b>		<b>1</b>	<b>62</b>	<b>147</b>	<b>78</b>	<b>52</b>	<b>35</b>	<b>21</b>	<b>29</b>	<b>0</b>	<b>425</b>
		<b>3.8</b>	<b>5.7</b>	<b>6.9</b>	<b>4.3</b>	<b>4.1</b>	<b>3.2</b>	<b>2.9</b>	<b>2.2</b>	<b>0.0</b>	<b>4.5</b>
<b>Females</b>	European/Pakeha	2	153	80	41	25	5	6	6	0	318
		2.6	5.8	4.0	3.6	3.3	1.0	1.5	1.2	0.0	4.0
	Maori	3	65	25	16	1	2	2	0	0	114
		3.2	5.0	2.9	3.6	0.4	1.2	1.6	0.0	0.0	3.5
	Pacific Peoples	0	5	8	3	2	1	0	1	0	20
		0.0	4.7	3.8	2.3	3.9	2.2	0.0	2.1	-	3.3
	Other	0	8	7	5	4	2	1	0	0	27
		0.0	5.8	2.4	2.1	2.2	1.7	1.0	0.0	-	2.3
	Unknown	0	2	2	1	1	0	0	0	0	6
		0.0	7.4	3.2	2.7	3.3	0.0	0.0	0.0	-	2.7
<b>Total</b>		<b>5</b>	<b>233</b>	<b>122</b>	<b>66</b>	<b>33</b>	<b>10</b>	<b>9</b>	<b>7</b>	<b>0</b>	<b>485</b>
		<b>2.8</b>	<b>5.5</b>	<b>3.6</b>	<b>3.3</b>	<b>2.6</b>	<b>1.1</b>	<b>1.4</b>	<b>1.0</b>	<b>0.0</b>	<b>3.6</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>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>
572	611	Whangarei	0	0.0%	0	0.0%
243	130	Dargaville	0	0.0%	0	0.0%
126	78	Kaikohe	0	0.0%	0	0.0%
6698	7598	Auckland	4	0.1%	14	0.2%
<b>7639</b>	<b>8417</b>	<b>North</b>	<b>4</b>	<b>0.1%</b>	<b>14</b>	<b>0.2%</b>
2178	2056	Hamilton	0	0.0%	1	0.0%
2027	1859	Tauranga	0	0.0%	0	0.0%
315	309	Rotorua	0	0.0%	0	0.0%
244	231	Whakatane	0	0.0%	0	0.0%
217	243	Taupo	0	0.0%	0	0.0%
599	551	New Plymouth	0	0.0%	0	0.0%
732	803	Gisborne	0	0.0%	0	0.0%
<b>6312</b>	<b>6052</b>	<b>Midland</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.0%</b>
276	323	Napier	0	0.0%	0	0.0%
147	141	Hastings	0	0.0%	0	0.0%
210	283	Wanganui	0	0.0%	0	0.0%
900	1049	Palmerston North/Levin/Dannevirke	1	0.1%	0	0.0%
2365	2075	Wellington	3	0.1%	2	0.1%
207	241	Lower Hutt	0	0.0%	0	0.0%
148	148	Porirua	0	0.0%	0	0.0%
366	0	Nelson	0	0.0%	0	0.0%
140	0	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>4759</b>	<b>4260</b>	<b>Central</b>	<b>4</b>	<b>0.1%</b>	<b>2</b>	<b>0.0%</b>
90	163	Greymouth	0	0.0%	0	0.0%
122	122	Westport/Buller	0	0.0%	0	0.0%
2227	2216	Christchurch	0	0.0%	0	0.0%
36	1	Ashburton	0	0.0%	0	0.0%
195	162	Timaru	0	0.0%	0	0.0%
973	856	Dunedin	0	0.0%	0	0.0%
577	580	Invercargill/Gore	0	0.0%	0	0.0%
<b>4220</b>	<b>4100</b>	<b>South</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>
<b>22930</b>	<b>22829</b>	<b>Total</b>	<b>8</b>	<b>0.0%</b>	<b>17</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 3 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	0	1	1	1	1	0	0	4
		0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.0	0.0	0.1
	Maori	0	0	0	1	0	0	1	0	0	2
		0.0	0.0	0.0	0.6	0.0	0.0	1.8	0.0	-	0.2
	Pacific Peoples	0	0	0	0	0	1	1	0	0	2
		0.0	0.0	0.0	0.0	0.0	2.9	7.1	0.0	-	0.7
	Other	0	0	1	1	1	1	0	3	0	7
		0.0	0.0	0.6	0.4	0.4	0.7	0.0	2.0	0.0	0.6
<b>Females</b>	Unknown	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	-	0.9
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>16</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>	<b>0.6</b>	<b>0.3</b>	<b>0.0</b>	<b>0.2</b>
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	-	0.5
	<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>0</b>	<b>1</b>
		<b>0.0</b>	<b>0.0</b>	<b>1.3</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>0.5</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 3

<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>
157	141	Whangarei	0	0.0%	0	0.0%
20	9	Dargaville	0	0.0%	0	0.0%
3	13	Kaikohe	0	0.0%	0	0.0%
3281	3776	Auckland	35	1.1%	124	3.3%
<b>3461</b>	<b>3939</b>	<b>North</b>	<b>35</b>	<b>1.0%</b>	<b>124</b>	<b>3.1%</b>
808	813	Hamilton	17	2.1%	18	2.2%
437	449	Tauranga	19	4.3%	18	4.0%
141	99	Rotorua	0	0.0%	0	0.0%
46	47	Whakatane	2	4.3%	0	0.0%
47	87	Taupo	0	0.0%	1	1.1%
248	227	New Plymouth	18	7.3%	15	6.6%
78	83	Gisborne	0	0.0%	0	0.0%
<b>1805</b>	<b>1805</b>	<b>Midland</b>	<b>56</b>	<b>3.1%</b>	<b>52</b>	<b>2.9%</b>
61	65	Napier	0	0.0%	0	0.0%
23	21	Hastings	0	0.0%	0	0.0%
65	108	Wanganui	0	0.0%	0	0.0%
369	451	Palmerston North/Levin/Dannevirke	19	5.1%	8	1.8%
1162	1090	Wellington	9	0.8%	0	0.0%
97	104	Lower Hutt	0	0.0%	0	0.0%
59	72	Porirua	0	0.0%	0	0.0%
201	0	Nelson	8	4.0%	0	0.0%
76	0	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>2113</b>	<b>1911</b>	<b>Central</b>	<b>36</b>	<b>1.7%</b>	<b>8</b>	<b>0.4%</b>
25	53	Greymouth	0	0.0%	0	0.0%
29	27	Westport/Buller	1	3.4%	1	3.7%
1243	1123	Christchurch	15	1.2%	17	1.5%
16	1	Ashburton	0	0.0%	0	0.0%
87	72	Timaru	0	0.0%	0	0.0%
332	283	Dunedin	0	0.0%	1	0.4%
260	272	Invercargill/Gore	9	3.5%	7	2.6%
<b>1992</b>	<b>1831</b>	<b>South</b>	<b>25</b>	<b>1.3%</b>	<b>26</b>	<b>1.4%</b>
<b>9371</b>	<b>9486</b>	<b>Total</b>	<b>152</b>	<b>1.6%</b>	<b>210</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 3 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	13	33	26	15	16	7	33	0	143
		0.0	1.9	2.3	2.2	1.9	2.2	1.5	3.2	0.0	2.2
	Maori	0	6	7	4	2	2	3	1	0	25
		0.0	2.0	2.1	1.7	1.6	1.8	3.6	1.7	-	2.0
	Pacific Peoples	0	1	7	5	1	1	0	0	0	15
		0.0	1.8	5.1	5.1	1.7	2.5	0.0	0.0	-	3.2
	Other	0	1	7	1	4	0	2	5	0	20
		0.0	2.3	4.0	0.4	1.7	0.0	1.7	3.3	0.0	1.7
	Unknown	0	0	0	1	0	1	2	3	0	7
		0.0	0.0	0.0	4.2	0.0	3.1	9.5	9.4	-	4.2
	Total	0	21	54	37	22	20	14	42	0	210
		0.0	2.0	2.5	2.0	1.8	1.9	1.9	3.2	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 3 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	35	27	10	4	1	1	0	0	78
		0.0	6.4	5.5	5.0	2.9	0.8	1.0	0.0	0.0	4.5
	Maori	0	11	6	1	1	0	0	0	0	19
		0.0	11.8	10.3	7.7	5.3	0.0	0.0	0.0	-	8.4
	Pacific Peoples	0	5	7	1	1	0	0	0	0	14
		0.0	8.1	17.5	8.3	12.5	0.0	0.0	0.0	-	10.1
	Other	0	6	6	2	1	0	0	0	0	15
		0.0	5.0	5.2	5.7	2.6	0.0	0.0	0.0	-	4.0
	Unknown	0	2	0	1	0	0	0	0	0	3
		0.0	13.3	0.0	10.0	0.0	0.0	0.0	0.0	0.0	5.8
<b>Total</b>		<b>0</b>	<b>59</b>	<b>46</b>	<b>15</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>129</b>
		<b>0.0</b>	<b>7.1</b>	<b>6.5</b>	<b>5.6</b>	<b>3.4</b>	<b>0.6</b>	<b>0.8</b>	<b>0.0</b>	<b>0.0</b>	<b>5.1</b>
<b>Females</b>	European/Pakeha	9	216	109	28	10	3	1	3	0	379
		1.2	1.8	1.2	0.8	0.4	0.2	0.1	0.2	0.0	1.2
	Maori	6	91	31	18	3	1	0	0	0	150
		1.8	4.6	3.0	4.5	1.1	0.5	0.0	0.0	0.0	3.4
	Pacific Peoples	2	24	22	5	1	0	0	0	0	54
		2.2	2.5	3.4	1.8	0.8	0.0	0.0	0.0	-	2.3
	Other	6	64	47	14	3	6	2	0	0	142
		3.3	2.6	2.4	1.5	0.5	1.2	0.7	0.0	0.0	2.0
	Unknown	1	7	3	2	0	0	0	0	0	13
		1.7	1.4	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.8
<b>Total</b>		<b>24</b>	<b>402</b>	<b>212</b>	<b>67</b>	<b>17</b>	<b>10</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>738</b>
		<b>1.7</b>	<b>2.2</b>	<b>1.6</b>	<b>1.3</b>	<b>0.5</b>	<b>0.4</b>	<b>0.2</b>	<b>0.2</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 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	4	0	0	0	0	0	0	7
		0.0	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Maori	0	1	2	0	0	0	0	0	0	3
		0.0	2.8	8.3	0.0	0.0	0.0	0.0	0.0	-	3.1
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-	1.6
<b>Total</b>		<b>0</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>
		<b>0.0</b>	<b>0.8</b>	<b>1.1</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>0.6</b>
<b>Females</b>	European/Pakeha	0	9	7	0	0	0	0	0	0	16
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	2	5	3	0	0	0	0	0	0	10
		0.6	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Pacific Peoples	1	1	0	0	0	0	0	0	0	2
		2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
	Other	0	2	2	0	1	0	0	0	0	5
		0.0	0.1	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.1
	Unknown	0	2	0	0	0	0	0	0	0	2
<b>Total</b>		<b>3</b>	<b>19</b>	<b>12</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</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>0.0</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 3 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	2	5	5	2	0	0	1	15
		0.0	0.4	1.0	2.5	1.5	0.0	0.0	33.3	0.9
	Other	0	1	0	1	0	0	0	0	2
		0.0	2.9	0.0	6.7	0.0	0.0	0.0	-	1.7
<b>Total</b>		<b>0</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>17</b>
		<b>0.0</b>	<b>0.5</b>	<b>1.0</b>	<b>2.8</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>33.3</b>	<b>0.9</b>
<b>Females</b>	European/Pakeha	1	7	5	3	3	1	0	0	20
		0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	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	2	3	0	0	0	0	0	5
		0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	0	1	1	0	0	0	0	2
<b>Total</b>		<b>1</b>	<b>10</b>	<b>9</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>28</b>
		<b>0.1</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>0.0</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 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	2	0	0	0	0	0	22
		0.0	0.9	3.1	1.0	0.0	0.0	0.0	0.0	0.0	1.3
	Maori	0	1	1	0	0	0	0	0	0	2
		0.0	1.8	2.9	0.0	0.0	0.0	0.0	0.0	-	1.6
	Pacific Peoples	0	1	2	0	0	0	0	0	0	3
		0.0	1.6	5.0	0.0	0.0	0.0	0.0	0.0	-	2.2
	Other	0	1	5	1	0	0	0	0	0	7
		0.0	1.2	6.5	5.0	0.0	0.0	0.0	0.0	-	2.7
<b>Females</b>	Unknown	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0	3.4
	<b>Total</b>	<b>0</b>	<b>8</b>	<b>23</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>
		<b>0.0</b>	<b>1.1</b>	<b>3.6</b>	<b>1.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.5</b>
	European/Pakeha	1	41	26	11	2	2	0	1	0	84
		0.1	0.3	0.3	0.3	0.1	0.1	0.0	0.1	0.0	0.3
	Maori	0	11	5	2	0	0	0	0	0	18
		0.0	0.6	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.4
<b>Females</b>	Pacific Peoples	0	5	0	0	0	0	0	0	0	5
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2
	Other	0	5	8	2	0	1	0	0	0	16
		0.0	0.2	0.4	0.2	0.0	0.2	0.0	0.0	0.0	0.2
	Unknown	0	1	2	1	0	0	0	1	0	5
		0.0	0.2	0.7	0.5	0.0	0.0	0.0	0.6	0.0	0.3
	<b>Total</b>	<b>1</b>	<b>63</b>	<b>41</b>	<b>16</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>128</b>
		<b>0.1</b>	<b>0.4</b>	<b>0.3</b>	<b>0.3</b>	<b>0.1</b>	<b>0.1</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 3 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	21	3	0	0	0	0	27
		0.0	0.2	0.6	0.4	0.0	0.0	0.0	0.0	0.4
	Maori	0	4	7	2	0	0	0	0	13
		0.0	1.8	1.8	1.9	0.0	0.0	0.0	-	1.4
	Pacific Peoples	0	2	3	0	0	0	0	0	5
		0.0	5.1	1.3	0.0	0.0	0.0	0.0	-	1.0
	Other	0	2	5	1	0	0	0	0	8
		0.0	0.4	0.4	0.2	0.0	0.0	0.0	-	0.3
<b>Females</b>	Unknown	0	2	0	0	0	0	0	0	2
		0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	<b>0</b>	<b>13</b>	<b>36</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>55</b>
		<b>0.0</b>	<b>0.5</b>	<b>0.6</b>	<b>0.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>
	European/Pakeha	0	48	44	5	1	0	1	0	99
		0.0	0.8	0.4	0.3	0.2	0.0	0.4	0.0	0.5
	Maori	1	35	15	4	0	0	0	0	55
		2.8	5.1	1.4	1.1	0.0	0.0	0.0	-	2.1
<b>Females</b>	Pacific Peoples	0	5	5	0	0	0	0	1	11
		0.0	3.1	1.5	0.0	0.0	0.0	0.0	3.0	1.7
	Other	0	5	4	2	1	0	0	0	12
		0.0	0.6	0.2	0.3	0.3	0.0	0.0	-	0.3
	Unknown	0	3	0	0	0	0	0	0	3
		0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	<b>1</b>	<b>96</b>	<b>68</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>180</b>
		<b>0.5</b>	<b>1.3</b>	<b>0.5</b>	<b>0.4</b>	<b>0.2</b>	<b>0.0</b>	<b>0.2</b>	<b>0.1</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 3 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	3	0	0	0	0	0	4
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	1	0	1	0	1	0	0	3
		0.0	0.7	0.0	1.5	0.0	3.3	0.0	-	0.5
	Pacific Peoples	0	1	2	0	0	0	0	0	3
		0.0	2.6	0.9	0.0	0.0	0.0	0.0	-	0.6
<b>Total</b>		<b>0</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>10</b>
		<b>0.0</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.0</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>
<b>Females</b>	European/Pakeha	0	2	0	0	1	0	0	0	3
		0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0
	Maori	2	3	0	0	0	0	0	0	5
		10.0	0.7	0.0	0.0	0.0	0.0	0.0	-	0.3
	Other	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.5	0.0	0.0	0.0	-	0.1
<b>Total</b>		<b>2</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>
		<b>1.6</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.2</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 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	2	0	0	0	0	0	3
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Other	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.7	0.0	0.0	0.0	-	0.1
	Unknown	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0
<b>Total</b>		<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Females</b>	European/Pakeha	0	4	7	3	0	0	1	0	15
		0.0	0.1	0.1	0.2	0.0	0.0	0.4	0.0	0.1
	Maori	0	1	2	0	0	0	0	0	3
		0.0	0.1	0.2	0.0	0.0	0.0	0.0	-	0.1
	Pacific Peoples	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.9	0.0	0.0	0.0	0.0	-	0.5
<b>Total</b>		<b>0</b>	<b>5</b>	<b>12</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>21</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>0.2</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 3 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	4	13	1	0	0	0	0	0	18
		0.0	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	3	3	0	0	0	0	0	0	6
		0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	-	0.6
	Other	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	-	0.3
<b>Total</b>		<b>0</b>	<b>7</b>	<b>18</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>26</b>
		<b>0.0</b>	<b>0.3</b>	<b>0.4</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>0.3</b>
<b>Females</b>	European/Pakeha	0	15	12	0	0	0	0	1	0	28
		0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.1
	Maori	0	5	4	1	0	0	0	0	1	11
		0.0	0.7	0.4	0.3	0.0	0.0	0.0	0.0	-	0.4
	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
	Other	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	1	1	0	0	0	0	0	0	2
		0.0	1.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>		<b>0</b>	<b>21</b>	<b>19</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>43</b>
		<b>0.0</b>	<b>0.3</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</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> <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>