

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

**January to March 2006**

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by

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

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

In New Zealand, sexually transmitted infections (STIs) are not notifiable and so surveillance efforts are based predominantly on voluntary data from specialist sexual health clinics (SHCs). Since 1998, STI surveillance has been expanded to include data from family planning clinics (FPCs) and student and youth health clinics (SYHCs). At present 27 SHCs, 36 FPCs and 14 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 9<sup>th</sup> June 2006. 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-seven SHCs participate in STI surveillance. All twenty-seven clinics provided STI data by the date required for all three months of the first quarter (January to March) 2006. One SHC was closed during January.

#### **FPCs**

Thirty-six FPCs participate in STI surveillance. All thirty-six clinics provided STI data for the first quarter (January to March) 2006. 1/36 (2.8%) 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**

Fourteen SYHCs participate in STI surveillance. All of these clinics provided STI data for the first quarter (January to March) 2006. 1/14 (7.1%) of SYHCs were not able to provide data by the date required for all three months of the quarter. It should be noted that some SYHCs based in schools or tertiary institutions may have been closed during holiday periods.

# Overview

## *Sexual Health Clinics (SHCs)*

During the current quarter, SHCs reported 21,645 visits. A total of 1,229 confirmed cases of chlamydia, 221 confirmed cases of gonorrhoea, 191 cases of genital herpes, 965 cases of genital warts, 18 cases of syphilis and 219 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2005 are shown in Table 1.

## *Family Planning Clinics (FPCs)*

During the current quarter, FPCs reported 44,768 visits. A total of 703 confirmed cases of chlamydia, 52 confirmed cases of gonorrhoea, 29 cases of genital herpes, 129 cases of genital warts, 1 case of syphilis, and 4 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2005 are shown in Table 1.

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

During the current quarter, SYHCs reported 37,745 visits. A total of 130 confirmed cases of chlamydia, 13 confirmed cases of gonorrhoea, 8 cases of genital herpes, 26 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 2005 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.

Table 1. Number and rate of STIs reported by SHCs, FPCs and SYHCs in January to March 2006, compared to the equivalent quarter of 2005.

| Clinical setting | STI              | January to March 2005              |                       | January to March 2006              |                       | 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        | 1,188                              | 5.8                   | 1,417                              | 6.5                   | ▲  |
|                  | Gonorrhoea       | 188                                | 0.9                   | 244                                | 1.1                   | ▲  |
|                  | Genital herpes   | 179                                | 0.9                   | 191                                | 0.9                   | —  |
|                  | Genital warts    | 954                                | 4.7                   | 965                                | 4.5                   | ▼  |
|                  | Syphilis         | 3                                  | 0.0                   | 18                                 | 0.1                   | ▲  |
|                  | NSU (Males Only) | 187                                | 2.3                   | 219                                | 2.4                   | ▲  |
| FPCs             | Chlamydia        | 526                                | 1.2                   | 858                                | 1.9                   | ▲  |
|                  | Gonorrhoea       | 49                                 | 0.1                   | 66                                 | 0.1                   | —  |
|                  | Genital herpes   | 38                                 | 0.1                   | 29                                 | 0.1                   | —  |
|                  | Genital warts    | 123                                | 0.3                   | 129                                | 0.3                   | —  |
|                  | Syphilis         | 1                                  | 0.0                   | 1                                  | 0.0                   | —  |
|                  | NSU (Males Only) | 4                                  | 0.2                   | 4                                  | 0.2                   | —  |
| SYHCs            | Chlamydia        | 100                                | 0.4                   | 133                                | 0.4                   | —  |
|                  | Gonorrhoea       | 3                                  | 0.0                   | 13                                 | 0.0                   | —  |
|                  | Genital herpes   | 8                                  | 0.0                   | 8                                  | 0.0                   | —  |
|                  | Genital warts    | 20                                 | 0.1                   | 26                                 | 0.1                   | —  |
|                  | Syphilis         | 0                                  | 0.0                   | 0                                  | 0.0                   | —  |
|                  | NSU (Males Only) | 5                                  | 0.1                   | 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 1 2006

| <u>Clinic Type, by area</u> | <u>Total Clinic</u>       | <u>Chlamydia<sup>2</sup></u> | <u>Gonorrhoea<sup>2</sup></u> | <u>Genital</u>            | <u>Genital</u>           | <u>Syphilis*</u> |
|-----------------------------|---------------------------|------------------------------|-------------------------------|---------------------------|--------------------------|------------------|
|                             | <u>Visits<sup>1</sup></u> |                              |                               | <u>Herpes<sup>^</sup></u> | <u>Warts<sup>^</sup></u> |                  |
| <b>North</b>                |                           |                              |                               |                           |                          |                  |
| Sexual Health Clinics       | No. 6,070                 | 276                          | 77                            | 55                        | 272                      | 7                |
|                             | Rate <sup>3</sup>         | 4.5%                         | 1.3%                          | 0.9%                      | 4.5%                     | 0.1%             |
| Family Planning Clinics     | No. 19,000                | 394                          | 27                            | 12                        | 45                       | 0                |
|                             | Rate <sup>3</sup>         | 2.1%                         | 0.1%                          | 0.1%                      | 0.2%                     | 0.0%             |
| Student & Youth Health      | No. 8,889                 | 20                           | 0                             | 1                         | 7                        | 0                |
|                             | Rate <sup>3</sup>         | 0.2%                         | 0.0%                          | 0.0%                      | 0.1%                     | 0.0%             |
| <b>Subtotal North</b>       | <b>33,959</b>             | <b>690</b>                   | <b>104</b>                    | <b>68</b>                 | <b>324</b>               | <b>7</b>         |
| <b>Midland</b>              |                           |                              |                               |                           |                          |                  |
| Sexual Health Clinics       | No. 6,336                 | 583                          | 76                            | 59                        | 265                      | 5                |
|                             | Rate <sup>3</sup>         | 9.2%                         | 1.2%                          | 0.9%                      | 4.2%                     | 0.1%             |
| Family Planning Clinics     | No. 5,080                 | 111                          | 6                             | 1                         | 13                       | 0                |
|                             | Rate <sup>3</sup>         | 2.2%                         | 0.1%                          | 0.0%                      | 0.3%                     | 0.0%             |
| Student & Youth Health      | No. 9,710                 | 19                           | 0                             | 1                         | 3                        | 0                |
|                             | Rate <sup>3</sup>         | 0.2%                         | 0.0%                          | 0.0%                      | 0.0%                     | 0.0%             |
| <b>Subtotal Midland</b>     | <b>21,126</b>             | <b>713</b>                   | <b>82</b>                     | <b>61</b>                 | <b>281</b>               | <b>5</b>         |
| <b>Central</b>              |                           |                              |                               |                           |                          |                  |
| Sexual Health Clinics       | No. 5,130                 | 310                          | 48                            | 39                        | 225                      | 6                |
|                             | Rate <sup>3</sup>         | 6.0%                         | 0.9%                          | 0.8%                      | 4.4%                     | 0.1%             |
| Family Planning Clinics     | No. 9,077                 | 195                          | 15                            | 10                        | 30                       | 1                |
|                             | Rate <sup>3</sup>         | 2.1%                         | 0.2%                          | 0.1%                      | 0.3%                     | 0.0%             |
| Student & Youth Health      | No. 11,529                | 54                           | 5                             | 4                         | 11                       | 0                |
|                             | Rate <sup>3</sup>         | 0.5%                         | 0.0%                          | 0.0%                      | 0.1%                     | 0.0%             |
| <b>Subtotal Central</b>     | <b>25,736</b>             | <b>559</b>                   | <b>68</b>                     | <b>53</b>                 | <b>266</b>               | <b>7</b>         |
| <b>South</b>                |                           |                              |                               |                           |                          |                  |
| Sexual Health Clinics       | No. 4,109                 | 248                          | 43                            | 38                        | 203                      | 0                |
|                             | Rate <sup>3</sup>         | 6.0%                         | 1.0%                          | 0.9%                      | 4.9%                     | 0.0%             |
| Family Planning Clinics     | No. 11,611                | 158                          | 18                            | 6                         | 41                       | 0                |
|                             | Rate <sup>3</sup>         | 1.4%                         | 0.2%                          | 0.1%                      | 0.4%                     | 0.0%             |
| Student & Youth Health      | No. 7,617                 | 40                           | 8                             | 2                         | 5                        | 0                |
|                             | Rate <sup>3</sup>         | 0.5%                         | 0.1%                          | 0.0%                      | 0.1%                     | 0.0%             |
| <b>Subtotal South</b>       | <b>23,337</b>             | <b>446</b>                   | <b>69</b>                     | <b>46</b>                 | <b>249</b>               | <b>0</b>         |
| <b>All</b>                  |                           |                              |                               |                           |                          |                  |
| Sexual Health Clinics       | No. 21,645                | 1,417                        | 244                           | 191                       | 965                      | 18               |
|                             | Rate.                     | 6.5%                         | 1.1%                          | 0.9%                      | 4.5%                     | 0.1%             |
| Family Planning Clinics     | No. 44,768                | 858                          | 66                            | 29                        | 129                      | 1                |
|                             | Rate.                     | 1.9%                         | 0.1%                          | 0.1%                      | 0.3%                     | 0.0%             |
| Student & Youth Health      | No. 37,745                | 133                          | 13                            | 8                         | 26                       | 0                |
|                             | Rate.                     | 0.4%                         | 0.0%                          | 0.0%                      | 0.1%                     | 0.0%             |
| <b>Total</b>                | <b>No. 104,158</b>        | <b>2,408</b>                 | <b>323</b>                    | <b>228</b>                | <b>1,120</b>             | <b>19</b>        |
|                             | <b>Rate.</b>              | <b>2.3%</b>                  | <b>0.3%</b>                   | <b>0.2%</b>               | <b>1.1%</b>              | <b>0.0%</b>      |

<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> |
| Sexual Health Clinics          | 1163                            | 81.7%          | 44               | 3.1%           | 29               | 2.0%           | 188              | 13.2%              | 1424             |
| Family Planning Clinics        | 691                             | 80.5%          | 12               | 1.4%           | 0                | 0.0%           | 155              | 18.1%              | 858              |
| Student & Youth Health Clinics | 107                             | 80.5%          | 22               | 16.5%          | 1                | 0.8%           | 3                | 2.3%               | 133              |
| Total                          | 1961                            | 81.2%          | 78               | 3.2%           | 30               | 1.2%           | 346              | 14.3%              | 2415             |

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

|                                | Confirmed               |                |                  |                |                    |                         |                |                  |                |                  | Probable | 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> |
| Sexual Health Clinics          | 200                     | 79.4%          | 12               | 4.8%           | 10                 | 4.0%                    | 6              | 2.4%             | 1              | 0.4%             | 23       | 9.1%               | 252            |
| Family Planning Clinics        | 50                      | 75.8%          | 1                | 1.5%           | 1                  | 1.5%                    | 0              | 0.0%             | 0              | 0.0%             | 14       | 21.2%              | 66             |
| Student & Youth Health Clinics | 12                      | 92.3%          | 0                | 0.0%           | 1                  | 7.7%                    | 0              | 0.0%             | 0              | 0.0%             | 0        | 0.0%               | 13             |
| Total                          | 262                     | 79.2%          | 13               | 3.9%           | 12                 | 3.6%                    | 6              | 1.8%             | 1              | 0.3%             | 37       | 11.2%              | 331            |

<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 1

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2005</u>                    |  |                         | <u>2006</u>                    |  |                         |
|--|--------------|-----------------------------------|--------------------------------|--|-------------------------|--------------------------------|--|-------------------------|
| <u>2005</u>                            | <u>2006</u>  | <u>Clinic</u>                     | <u>No.</u><br><u>Confirmed</u> | <u>Total</u><br><u>No.<sup>2</sup></u> | <u>Rate<sup>3</sup></u> | <u>No.</u><br><u>Confirmed</u> | <u>Total</u><br><u>No.<sup>2</sup></u> | <u>Rate<sup>3</sup></u> |
| 351                                    | 390          | Whangarei                         | 25                             | 25                                     | 7.1%                    | 19                             | 20                                     | 5.1%                    |
| 0                                      | 104          | Dargaville                        | 0                              | 0                                      | 0.0%                    | 3                              | 3                                      | 2.9%                    |
| 62                                     | 77           | Kaikohe                           | 7                              | 7                                      | 11.3%                   | 8                              | 8                                      | 10.4%                   |
| 5219                                   | 5499         | Auckland                          | 221                            | 239                                    | 4.6%                    | 229                            | 245                                    | 4.5%                    |
| <b>5632</b>                            | <b>6070</b>  | <b>North</b>                      | <b>253</b>                     | <b>271</b>                             | <b>4.8%</b>             | <b>259</b>                     | <b>276</b>                             | <b>4.5%</b>             |
| 2073                                   | 2174         | Hamilton                          | 149                            | 158                                    | 7.6%                    | 203                            | 214                                    | 9.8%                    |
| 2118                                   | 1945         | Tauranga                          | 139                            | 140                                    | 6.6%                    | 131                            | 132                                    | 6.8%                    |
| 321                                    | 334          | Rotorua                           | 16                             | 17                                     | 5.3%                    | 25                             | 29                                     | 8.7%                    |
| 248                                    | 294          | Whakatane                         | 32                             | 32                                     | 12.9%                   | 39                             | 44                                     | 15.0%                   |
| 218                                    | 216          | Taupo                             | 7                              | 21                                     | 9.6%                    | 19                             | 28                                     | 13.0%                   |
| 569                                    | 577          | New Plymouth                      | 55                             | 76                                     | 13.4%                   | 73                             | 90                                     | 15.6%                   |
| 711                                    | 796          | Gisborne                          | 45                             | 45                                     | 6.3%                    | 46                             | 46                                     | 5.8%                    |
| <b>6258</b>                            | <b>6336</b>  | <b>Midland</b>                    | <b>443</b>                     | <b>489</b>                             | <b>7.8%</b>             | <b>536</b>                     | <b>583</b>                             | <b>9.2%</b>             |
| 327                                    | 331          | Napier                            | 29                             | 29                                     | 8.9%                    | 41                             | 41                                     | 12.4%                   |
| 83                                     | 156          | Hastings                          | 11                             | 11                                     | 13.3%                   | 19                             | 19                                     | 12.2%                   |
| 271                                    | 235          | Wanganui                          | 20                             | 21                                     | 7.7%                    | 14                             | 17                                     | 7.2%                    |
| 940                                    | 959          | Palmerston North/Levin/Dannevirke | 49                             | 72                                     | 7.7%                    | 70                             | 101                                    | 10.5%                   |
| 2272                                   | 2398         | Wellington                        | 30                             | 53                                     | 2.3%                    | 56                             | 78                                     | 3.3%                    |
| 222                                    | 268          | Lower Hutt                        | 8                              | 8                                      | 3.6%                    | 8                              | 9                                      | 3.4%                    |
| 154                                    | 166          | Porirua                           | 9                              | 14                                     | 9.1%                    | 5                              | 9                                      | 5.4%                    |
| 305                                    | 480          | Nelson                            | 15                             | 16                                     | 5.2%                    | 21                             | 29                                     | 6.0%                    |
| 128                                    | 137          | Wairau (Blenheim)                 | 10                             | 12                                     | 9.4%                    | 7                              | 7                                      | 5.1%                    |
| <b>4702</b>                            | <b>5130</b>  | <b>Central</b>                    | <b>181</b>                     | <b>236</b>                             | <b>5.0%</b>             | <b>241</b>                     | <b>310</b>                             | <b>6.0%</b>             |
| 109                                    | 128          | Greymouth                         | 4                              | 8                                      | 7.3%                    | 1                              | 6                                      | 4.7%                    |
| 0                                      | 81           | Westport/Buller                   | 0                              | 0                                      | 0.0%                    | 3                              | 5                                      | 6.2%                    |
| 2168                                   | 2370         | Christchurch                      | 65                             | 93                                     | 4.3%                    | 86                             | 115                                    | 4.9%                    |
| 44                                     | 43           | Ashburton                         | 2                              | 2                                      | 4.5%                    | 1                              | 2                                      | 4.7%                    |
| 185                                    | 141          | Timaru                            | 3                              | 3                                      | 1.6%                    | 11                             | 11                                     | 7.8%                    |
| 733                                    | 816          | Dunedin                           | 35                             | 36                                     | 4.9%                    | 40                             | 42                                     | 5.1%                    |
| 539                                    | 530          | Invercargill/Gore                 | 44                             | 50                                     | 9.3%                    | 51                             | 67                                     | 12.6%                   |
| <b>3778</b>                            | <b>4109</b>  | <b>South</b>                      | <b>153</b>                     | <b>192</b>                             | <b>5.1%</b>             | <b>193</b>                     | <b>248</b>                             | <b>6.0%</b>             |
| <b>20370</b>                           | <b>21645</b> | <b>Total</b>                      | <b>1030</b>                    | <b>1188</b>                            | <b>5.8%</b>             | <b>1229</b>                    | <b>1417</b>                            | <b>6.5%</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 at SHCs**

Quarter 1 2006

|                |                 | 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                 | 84          | 156         | 95         | 38         | 20         | 9          | 11         | 0          | 413        |
|                |                 | 0.0               | 14.9        | 9.2         | 7.6        | 3.9        | 2.9        | 1.8        | 1.2        | 0.0        | 6.3        |
|                | Maori           | 2                 | 54          | 72          | 22         | 10         | 12         | 5          | 1          | 0          | 178        |
|                |                 | 15.4              | 22.0        | 22.3        | 10.2       | 5.9        | 13.8       | 10.6       | 2.0        | 0.0        | 15.5       |
|                | Pacific Peoples | 0                 | 9           | 18          | 10         | 2          | 5          | 2          | 0          | 0          | 46         |
|                |                 | 0.0               | 30.0        | 20.9        | 14.9       | 4.1        | 19.2       | 9.1        | 0.0        | -          | 15.8       |
|                | Other           | 0                 | 5           | 16          | 15         | 6          | 3          | 1          | 1          | 0          | 47         |
|                |                 | 0.0               | 10.9        | 8.6         | 7.8        | 5.4        | 2.5        | 1.3        | 0.9        | 0.0        | 5.6        |
|                | Unknown         | 0                 | 4           | 4           | 1          | 0          | 0          | 1          | 0          | 0          | 10         |
|                |                 | 0.0               | 30.8        | 11.4        | 5.0        | 0.0        | 0.0        | 7.1        | 0.0        | -          | 7.1        |
| <b>Total</b>   |                 | <u>2</u>          | <u>156</u>  | <u>266</u>  | <u>143</u> | <u>56</u>  | <u>40</u>  | <u>18</u>  | <u>13</u>  | <u>0</u>   | <u>694</u> |
|                |                 | <u>12.5</u>       | <u>17.4</u> | <u>11.5</u> | <u>8.2</u> | <u>4.2</u> | <u>4.3</u> | <u>2.7</u> | <u>1.2</u> | <u>0.0</u> | <u>7.7</u> |
| <b>Females</b> | European/Pakeha | 8                 | 164         | 111         | 49         | 12         | 7          | 2          | 5          | 0          | 358        |
|                |                 | 6.9               | 6.3         | 5.1         | 3.7        | 1.5        | 1.4        | 0.6        | 1.1        | 0.0        | 4.3        |
|                | Maori           | 10                | 168         | 63          | 33         | 14         | 2          | 2          | 2          | 0          | 294        |
|                |                 | 13.7              | 14.8        | 9.8         | 7.2        | 5.3        | 1.5        | 2.2        | 2.7        | 0.0        | 10.2       |
|                | Pacific Peoples | 0                 | 11          | 16          | 4          | 3          | 3          | 0          | 0          | 0          | 37         |
|                |                 | 0.0               | 10.7        | 13.0        | 5.6        | 6.4        | 11.5       | 0.0        | 0.0        | -          | 9.2        |
|                | Other           | 1                 | 12          | 10          | 5          | 2          | 0          | 0          | 0          | 0          | 30         |
|                |                 | 14.3              | 7.7         | 3.9         | 2.3        | 1.4        | 0.0        | 0.0        | 0.0        | -          | 3.1        |
|                | Unknown         | 0                 | 3           | 1           | 0          | 0          | 0          | 0          | 0          | 0          | 4          |
|                |                 | 0.0               | 33.3        | 5.9         | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 6.1        |
| <b>Total</b>   |                 | <u>19</u>         | <u>358</u>  | <u>201</u>  | <u>91</u>  | <u>31</u>  | <u>12</u>  | <u>4</u>   | <u>7</u>   | <u>0</u>   | <u>723</u> |
|                |                 | <u>9.1</u>        | <u>8.9</u>  | <u>6.3</u>  | <u>4.4</u> | <u>2.5</u> | <u>1.6</u> | <u>0.8</u> | <u>1.2</u> | <u>0.0</u> | <u>5.7</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 2.3: Gonorrhoea - Disease rates by SHC**

Quarter 1

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2005</u>                    |  |                         | <u>2006</u>                    |  |                         |
|--|--------------|-----------------------------------|--------------------------------|--|-------------------------|--------------------------------|--|-------------------------|
| <u>2005</u>                            | <u>2006</u>  | <u>Clinic</u>                     | <u>No.</u><br><u>Confirmed</u> | <u>Total</u><br><u>No.<sup>2</sup></u> | <u>Rate<sup>3</sup></u> | <u>No.</u><br><u>Confirmed</u> | <u>Total</u><br><u>No.<sup>2</sup></u> | <u>Rate<sup>3</sup></u> |
| 351                                    | 390          | Whangarei                         | 0                              | 0                                      | 0.0%                    | 2                              | 3                                      | 0.8%                    |
| 0                                      | 104          | Dargaville                        | 0                              | 0                                      | 0.0%                    | 0                              | 0                                      | 0.0%                    |
| 62                                     | 77           | Kaikohe                           | 0                              | 0                                      | 0.0%                    | 0                              | 0                                      | 0.0%                    |
| 5219                                   | 5499         | Auckland                          | 89                             | 96                                     | 1.8%                    | 65                             | 74                                     | 1.3%                    |
| <b>5632</b>                            | <b>6070</b>  | <b>North</b>                      | <b>89</b>                      | <b>96</b>                              | <b>1.7%</b>             | <b>67</b>                      | <b>77</b>                              | <b>1.3%</b>             |
| 2073                                   | 2174         | Hamilton                          | 22                             | 23                                     | 1.1%                    | 30                             | 30                                     | 1.4%                    |
| 2118                                   | 1945         | Tauranga                          | 7                              | 7                                      | 0.3%                    | 18                             | 19                                     | 1.0%                    |
| 321                                    | 334          | Rotorua                           | 5                              | 5                                      | 1.6%                    | 4                              | 4                                      | 1.2%                    |
| 248                                    | 294          | Whakatane                         | 2                              | 3                                      | 1.2%                    | 9                              | 9                                      | 3.1%                    |
| 218                                    | 216          | Taupo                             | 0                              | 3                                      | 1.4%                    | 3                              | 4                                      | 1.9%                    |
| 569                                    | 577          | New Plymouth                      | 1                              | 2                                      | 0.4%                    | 1                              | 1                                      | 0.2%                    |
| 711                                    | 796          | Gisborne                          | 8                              | 8                                      | 1.1%                    | 9                              | 9                                      | 1.1%                    |
| <b>6258</b>                            | <b>6336</b>  | <b>Midland</b>                    | <b>45</b>                      | <b>51</b>                              | <b>0.8%</b>             | <b>74</b>                      | <b>76</b>                              | <b>1.2%</b>             |
| 327                                    | 331          | Napier                            | 3                              | 3                                      | 0.9%                    | 15                             | 15                                     | 4.5%                    |
| 83                                     | 156          | Hastings                          | 4                              | 4                                      | 4.8%                    | 4                              | 4                                      | 2.6%                    |
| 271                                    | 235          | Wanganui                          | 0                              | 0                                      | 0.0%                    | 2                              | 2                                      | 0.9%                    |
| 940                                    | 959          | Palmerston North/Levin/Dannevirke | 3                              | 5                                      | 0.5%                    | 8                              | 10                                     | 1.0%                    |
| 2272                                   | 2398         | Wellington                        | 8                              | 8                                      | 0.4%                    | 8                              | 8                                      | 0.3%                    |
| 222                                    | 268          | Lower Hutt                        | 2                              | 2                                      | 0.9%                    | 2                              | 2                                      | 0.7%                    |
| 154                                    | 166          | Porirua                           | 2                              | 2                                      | 1.3%                    | 2                              | 2                                      | 1.2%                    |
| 305                                    | 480          | Nelson                            | 0                              | 0                                      | 0.0%                    | 4                              | 5                                      | 1.0%                    |
| 128                                    | 137          | Wairau (Blenheim)                 | 0                              | 0                                      | 0.0%                    | 0                              | 0                                      | 0.0%                    |
| <b>4702</b>                            | <b>5130</b>  | <b>Central</b>                    | <b>22</b>                      | <b>24</b>                              | <b>0.5%</b>             | <b>45</b>                      | <b>48</b>                              | <b>0.9%</b>             |
| 109                                    | 128          | Greymouth                         | 0                              | 0                                      | 0.0%                    | 0                              | 2                                      | 1.6%                    |
| 0                                      | 81           | Westport/Buller                   | 0                              | 0                                      | 0.0%                    | 0                              | 0                                      | 0.0%                    |
| 2168                                   | 2370         | Christchurch                      | 14                             | 14                                     | 0.6%                    | 17                             | 21                                     | 0.9%                    |
| 44                                     | 43           | Ashburton                         | 0                              | 0                                      | 0.0%                    | 0                              | 0                                      | 0.0%                    |
| 185                                    | 141          | Timaru                            | 2                              | 2                                      | 1.1%                    | 0                              | 0                                      | 0.0%                    |
| 733                                    | 816          | Dunedin                           | 1                              | 1                                      | 0.1%                    | 2                              | 3                                      | 0.4%                    |
| 539                                    | 530          | Invercargill/Gore                 | 0                              | 0                                      | 0.0%                    | 16                             | 17                                     | 3.2%                    |
| <b>3778</b>                            | <b>4109</b>  | <b>South</b>                      | <b>17</b>                      | <b>17</b>                              | <b>0.4%</b>             | <b>35</b>                      | <b>43</b>                              | <b>1.0%</b>             |
| <b>20370</b>                           | <b>21645</b> | <b>Total</b>                      | <b>173</b>                     | <b>188</b>                             | <b>0.9%</b>             | <b>221</b>                     | <b>244</b>                             | <b>1.1%</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 at SHCs**

Quarter 1 2006

|                |                 | 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                 | 19         | 18         | 18         | 6          | 4          | 4          | 6          | 0          | 75         |
|                |                 | 0.0               | 3.4        | 1.1        | 1.4        | 0.6        | 0.6        | 0.8        | 0.6        | 0.0        | 1.1        |
|                | Maori           | 0                 | 19         | 11         | 7          | 6          | 0          | 2          | 0          | 0          | 45         |
|                |                 | 0.0               | 7.8        | 3.4        | 3.3        | 3.5        | 0.0        | 4.3        | 0.0        | 0.0        | 3.9        |
|                | Pacific Peoples | 0                 | 1          | 5          | 6          | 0          | 1          | 1          | 0          | 0          | 14         |
|                |                 | 0.0               | 3.3        | 5.8        | 9.0        | 0.0        | 3.8        | 4.5        | 0.0        | -          | 4.8        |
|                | Other           | 0                 | 4          | 2          | 2          | 1          | 1          | 0          | 0          | 0          | 10         |
|                |                 | 0.0               | 8.7        | 1.1        | 1.0        | 0.9        | 0.8        | 0.0        | 0.0        | 0.0        | 1.2        |
|                | Unknown         | 0                 | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 14.3       | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.8        |
| <b>Total</b>   |                 | <b>0</b>          | <b>44</b>  | <b>36</b>  | <b>33</b>  | <b>13</b>  | <b>6</b>   | <b>7</b>   | <b>6</b>   | <b>0</b>   | <b>145</b> |
|                |                 | <b>0.0</b>        | <b>4.9</b> | <b>1.6</b> | <b>1.9</b> | <b>1.0</b> | <b>0.7</b> | <b>1.1</b> | <b>0.5</b> | <b>0.0</b> | <b>1.6</b> |
| <b>Females</b> | European/Pakeha | 3                 | 12         | 12         | 4          | 2          | 1          | 0          | 2          | 0          | 36         |
|                |                 | 2.6               | 0.5        | 0.6        | 0.3        | 0.3        | 0.2        | 0.0        | 0.4        | 0.0        | 0.4        |
|                | Maori           | 2                 | 30         | 8          | 6          | 4          | 1          | 0          | 0          | 0          | 51         |
|                |                 | 2.7               | 2.6        | 1.2        | 1.3        | 1.5        | 0.8        | 0.0        | 0.0        | 0.0        | 1.8        |
|                | Pacific Peoples | 0                 | 3          | 2          | 1          | 1          | 0          | 0          | 0          | 0          | 7          |
|                |                 | 0.0               | 4.0        | 2.3        | 1.9        | 3.3        | 0.0        | 0.0        | 0.0        | -          | 2.4        |
|                | Other           | 0                 | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 3          |
|                |                 | 0.0               | 1.7        | 0.5        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.4        |
|                | Unknown         | 0                 | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 22.2       | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 3.0        |
| <b>Total</b>   |                 | <b>5</b>          | <b>49</b>  | <b>23</b>  | <b>11</b>  | <b>7</b>   | <b>2</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>99</b>  |
|                |                 | <b>2.4</b>        | <b>1.2</b> | <b>0.7</b> | <b>0.6</b> | <b>0.6</b> | <b>0.3</b> | <b>0.0</b> | <b>0.3</b> | <b>0.0</b> | <b>0.8</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 (First presentation)

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

| Quarter 1                        |       |                                   |       |                   |       |                   |
|----------------------------------|-------|-----------------------------------|-------|-------------------|-------|-------------------|
| Total Clinic Visits <sup>1</sup> |       |                                   |       |                   | 2005  | 2006              |
| 2005                             | 2006  | Clinic                            | Total |                   | Total |                   |
|                                  |       |                                   | No.   | Rate <sup>2</sup> | No.   | Rate <sup>2</sup> |
| 351                              | 390   | Whangarei                         | 4     | 1.1%              | 9     | 2.3%              |
| 0                                | 104   | Dargaville                        | 0     | 0.0%              | 0     | 0.0%              |
| 62                               | 77    | Kaikohe                           | 0     | 0.0%              | 0     | 0.0%              |
| 5219                             | 5499  | Auckland                          | 37    | 0.7%              | 46    | 0.8%              |
| 5632                             | 6070  | North                             | 41    | 0.7%              | 55    | 0.9%              |
| 2073                             | 2174  | Hamilton                          | 24    | 1.2%              | 25    | 1.1%              |
| 2118                             | 1945  | Tauranga                          | 20    | 0.9%              | 22    | 1.1%              |
| 321                              | 334   | Rotorua                           | 2     | 0.6%              | 3     | 0.9%              |
| 248                              | 294   | Whakatane                         | 1     | 0.4%              | 1     | 0.3%              |
| 218                              | 216   | Taupo                             | 0     | 0.0%              | 1     | 0.5%              |
| 569                              | 577   | New Plymouth                      | 9     | 1.6%              | 6     | 1.0%              |
| 711                              | 796   | Gisborne                          | 2     | 0.3%              | 1     | 0.1%              |
| 6258                             | 6336  | Midland                           | 58    | 0.9%              | 59    | 0.9%              |
| 327                              | 331   | Napier                            | 7     | 2.1%              | 2     | 0.6%              |
| 83                               | 156   | Hastings                          | 2     | 2.4%              | 5     | 3.2%              |
| 271                              | 235   | Wanganui                          | 2     | 0.7%              | 3     | 1.3%              |
| 940                              | 959   | Palmerston North/Levin/Dannevirke | 7     | 0.7%              | 8     | 0.8%              |
| 2272                             | 2398  | Wellington                        | 14    | 0.6%              | 16    | 0.7%              |
| 222                              | 268   | Lower Hutt                        | 2     | 0.9%              | 1     | 0.4%              |
| 154                              | 166   | Porirua                           | 1     | 0.6%              | 0     | 0.0%              |
| 305                              | 480   | Nelson                            | 6     | 2.0%              | 2     | 0.4%              |
| 128                              | 137   | Wairau (Blenheim)                 | 0     | 0.0%              | 2     | 1.5%              |
| 4702                             | 5130  | Central                           | 41    | 0.9%              | 39    | 0.8%              |
| 109                              | 128   | Greymouth                         | 1     | 0.9%              | 1     | 0.8%              |
| 0                                | 81    | Westport/Buller                   | 0     | 0.0%              | 0     | 0.0%              |
| 2168                             | 2370  | Christchurch                      | 22    | 1.0%              | 23    | 1.0%              |
| 44                               | 43    | Ashburton                         | 0     | 0.0%              | 0     | 0.0%              |
| 185                              | 141   | Timaru                            | 3     | 1.6%              | 4     | 2.8%              |
| 733                              | 816   | Dunedin                           | 6     | 0.8%              | 9     | 1.1%              |
| 539                              | 530   | Invercargill/Gore                 | 7     | 1.3%              | 1     | 0.2%              |
| 3778                             | 4109  | South                             | 39    | 1.0%              | 38    | 0.9%              |
| 20370                            | 21645 | Total                             | 179   | 0.9%              | 191   | 0.9%              |

<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 at SHCs**

Quarter 1 2006

|                |                 | 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          | 18         | 19         | 14         | 9          | 1          | 2          | 0          | 66         |
|                |                 | 0.0               | 0.5        | 1.1        | 1.5        | 1.4        | 1.3        | 0.2        | 0.2        | 0.0        | 1.0        |
|                | Maori           | 0                 | 4          | 1          | 1          | 1          | 0          | 0          | 0          | 0          | 7          |
|                |                 | 0.0               | 1.6        | 0.3        | 0.5        | 0.6        | 0.0        | 0.0        | 0.0        | 0.0        | 0.6        |
|                | Pacific Peoples | 0                 | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 10.0       | 0.0        | -          | 1.0        |
|                | Other           | 0                 | 0          | 3          | 4          | 0          | 2          | 0          | 0          | 0          | 9          |
|                |                 | 0.0               | 0.0        | 1.6        | 2.1        | 0.0        | 1.7        | 0.0        | 0.0        | 0.0        | 1.1        |
|                | Unknown         | 0                 | 0          | 0          | 0          | 0          | 1          | 1          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 0.0        | 0.0        | 0.0        | 25.0       | 20.0       | 0.0        | -          | 7.1        |
| <b>Total</b>   |                 | <b>0</b>          | <b>7</b>   | <b>22</b>  | <b>24</b>  | <b>15</b>  | <b>12</b>  | <b>3</b>   | <b>2</b>   | <b>0</b>   | <b>85</b>  |
|                |                 | <b>0.0</b>        | <b>0.8</b> | <b>1.0</b> | <b>1.4</b> | <b>1.2</b> | <b>1.3</b> | <b>0.5</b> | <b>0.2</b> | <b>0.0</b> | <b>1.0</b> |
| <b>Females</b> | European/Pakeha | 0                 | 18         | 32         | 12         | 5          | 8          | 4          | 4          | 0          | 83         |
|                |                 | 0.0               | 0.7        | 1.5        | 0.9        | 0.6        | 1.6        | 1.2        | 0.9        | 0.0        | 1.0        |
|                | Maori           | 0                 | 5          | 5          | 3          | 0          | 0          | 1          | 1          | 0          | 15         |
|                |                 | 0.0               | 0.4        | 0.8        | 0.7        | 0.0        | 0.0        | 1.1        | 1.4        | 0.0        | 0.5        |
|                | Pacific Peoples | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 2.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.6        |
|                | Other           | 0                 | 0          | 3          | 1          | 0          | 1          | 0          | 1          | 0          | 6          |
|                |                 | 0.0               | 0.0        | 2.0        | 0.8        | 0.0        | 1.7        | 0.0        | 2.9        | -          | 1.0        |
|                | Unknown         | 0                 | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.0        | 0.0        | 9.1        | 0.0        | 0.0        | 0.0        | -          | 2.9        |
| <b>Total</b>   |                 | <b>0</b>          | <b>23</b>  | <b>41</b>  | <b>16</b>  | <b>6</b>   | <b>9</b>   | <b>5</b>   | <b>6</b>   | <b>0</b>   | <b>106</b> |
|                |                 | <b>0.0</b>        | <b>0.6</b> | <b>1.4</b> | <b>0.8</b> | <b>0.5</b> | <b>1.3</b> | <b>1.1</b> | <b>1.1</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 Warts (First presentation)

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

Quarter 1

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2005</u>  |             | <u>2006</u>             |              |
|--|--------------|-----------------------------------|--------------|-------------|-------------------------|--------------|
| <u>2005</u>                            | <u>2006</u>  | <u>Clinic</u>                     | <u>Total</u> | <u>No.</u>  | <u>Rate<sup>2</sup></u> | <u>Total</u> |
| 351                                    | 390          | Whangarei                         | 16           | 4.6%        | 12                      | 3.1%         |
| 0                                      | 104          | Dargaville                        | 0            | 0.0%        | 1                       | 1.0%         |
| 62                                     | 77           | Kaikohe                           | 0            | 0.0%        | 0                       | 0.0%         |
| 5219                                   | 5499         | Auckland                          | 246          | 4.7%        | 259                     | 4.7%         |
| <b>5632</b>                            | <b>6070</b>  | <b>North</b>                      | <b>262</b>   | <b>4.7%</b> | <b>272</b>              | <b>4.5%</b>  |
| 2073                                   | 2174         | Hamilton                          | 114          | 5.5%        | 107                     | 4.9%         |
| 2118                                   | 1945         | Tauranga                          | 66           | 3.1%        | 82                      | 4.2%         |
| 321                                    | 334          | Rotorua                           | 24           | 7.5%        | 24                      | 7.2%         |
| 248                                    | 294          | Whakatane                         | 14           | 5.6%        | 16                      | 5.4%         |
| 218                                    | 216          | Taupo                             | 2            | 0.9%        | 0                       | 0.0%         |
| 569                                    | 577          | New Plymouth                      | 27           | 4.7%        | 36                      | 6.2%         |
| 711                                    | 796          | Gisborne                          | 1            | 0.1%        | 0                       | 0.0%         |
| <b>6258</b>                            | <b>6336</b>  | <b>Midland</b>                    | <b>248</b>   | <b>4.0%</b> | <b>265</b>              | <b>4.2%</b>  |
| 327                                    | 331          | Napier                            | 28           | 8.6%        | 16                      | 4.8%         |
| 83                                     | 156          | Hastings                          | 8            | 9.6%        | 10                      | 6.4%         |
| 271                                    | 235          | Wanganui                          | 20           | 7.4%        | 19                      | 8.1%         |
| 940                                    | 959          | Palmerston North/Levin/Dannevirke | 51           | 5.4%        | 37                      | 3.9%         |
| 2272                                   | 2398         | Wellington                        | 81           | 3.6%        | 77                      | 3.2%         |
| 222                                    | 268          | Lower Hutt                        | 10           | 4.5%        | 11                      | 4.1%         |
| 154                                    | 166          | Porirua                           | 9            | 5.8%        | 11                      | 6.6%         |
| 305                                    | 480          | Nelson                            | 22           | 7.2%        | 30                      | 6.3%         |
| 128                                    | 137          | Wairau (Blenheim)                 | 21           | 16.4%       | 14                      | 10.2%        |
| <b>4702</b>                            | <b>5130</b>  | <b>Central</b>                    | <b>250</b>   | <b>5.3%</b> | <b>225</b>              | <b>4.4%</b>  |
| 109                                    | 128          | Greymouth                         | 5            | 4.6%        | 11                      | 8.6%         |
| 0                                      | 81           | Westport/Buller                   | 0            | 0.0%        | 2                       | 2.5%         |
| 2168                                   | 2370         | Christchurch                      | 101          | 4.7%        | 91                      | 3.8%         |
| 44                                     | 43           | Ashburton                         | 2            | 4.5%        | 3                       | 7.0%         |
| 185                                    | 141          | Timaru                            | 3            | 1.6%        | 10                      | 7.1%         |
| 733                                    | 816          | Dunedin                           | 48           | 6.5%        | 40                      | 4.9%         |
| 539                                    | 530          | Invercargill/Gore                 | 35           | 6.5%        | 46                      | 8.7%         |
| <b>3778</b>                            | <b>4109</b>  | <b>South</b>                      | <b>194</b>   | <b>5.1%</b> | <b>203</b>              | <b>4.9%</b>  |
| <b>20370</b>                           | <b>21645</b> | <b>Total</b>                      | <b>954</b>   | <b>4.7%</b> | <b>965</b>              | <b>4.5%</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 at SHCs**

Quarter 1 2006

|                |                 | 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                 | 42         | 123        | 74         | 54         | 27         | 16         | 20         | 0          | 356        |
|                |                 | 0.0               | 7.5        | 7.3        | 6.0        | 5.6        | 4.0        | 3.2        | 2.1        | 0.0        | 5.4        |
|                | Maori           | 0                 | 25         | 18         | 7          | 8          | 6          | 2          | 0          | 0          | 66         |
|                |                 | 0.0               | 10.2       | 5.6        | 3.3        | 4.7        | 6.9        | 4.3        | 0.0        | 0.0        | 5.7        |
|                | Pacific Peoples | 0                 | 4          | 8          | 0          | 1          | 2          | 0          | 0          | 0          | 15         |
|                |                 | 0.0               | 13.3       | 9.3        | 0.0        | 2.0        | 7.7        | 0.0        | 0.0        | -          | 5.1        |
|                | Other           | 0                 | 3          | 7          | 4          | 5          | 4          | 0          | 0          | 0          | 23         |
|                |                 | 0.0               | 6.5        | 3.7        | 2.1        | 4.5        | 3.4        | 0.0        | 0.0        | 0.0        | 2.7        |
|                | Unknown         | 0                 | 1          | 3          | 2          | 1          | 0          | 1          | 0          | 0          | 8          |
|                |                 | 0.0               | 7.7        | 8.6        | 10.0       | 3.8        | 0.0        | 7.1        | 0.0        | -          | 5.7        |
| <b>Total</b>   |                 | <b>0</b>          | <b>75</b>  | <b>159</b> | <b>87</b>  | <b>69</b>  | <b>39</b>  | <b>19</b>  | <b>20</b>  | <b>0</b>   | <b>468</b> |
|                |                 | <b>0.0</b>        | <b>8.4</b> | <b>6.9</b> | <b>5.0</b> | <b>5.2</b> | <b>4.2</b> | <b>2.9</b> | <b>1.8</b> | <b>0.0</b> | <b>5.2</b> |
| <b>Females</b> | European/Pakeha | 5                 | 155        | 100        | 45         | 24         | 13         | 5          | 8          | 0          | 355        |
|                |                 | 4.3               | 6.0        | 4.6        | 3.4        | 3.0        | 2.6        | 1.5        | 1.8        | 0.0        | 4.3        |
|                | Maori           | 3                 | 52         | 19         | 8          | 8          | 2          | 1          | 1          | 0          | 94         |
|                |                 | 4.1               | 4.6        | 3.0        | 1.8        | 3.0        | 1.5        | 1.1        | 1.4        | 0.0        | 3.3        |
|                | Pacific Peoples | 0                 | 2          | 6          | 5          | 2          | 1          | 1          | 1          | 0          | 18         |
|                |                 | 0.0               | 1.9        | 4.9        | 6.9        | 4.3        | 3.8        | 6.7        | 14.3       | -          | 4.5        |
|                | Other           | 0                 | 6          | 7          | 8          | 3          | 3          | 0          | 0          | 0          | 27         |
|                |                 | 0.0               | 3.8        | 2.7        | 3.8        | 2.1        | 3.1        | 0.0        | 0.0        | -          | 2.8        |
|                | Unknown         | 1                 | 1          | 0          | 0          | 0          | 1          | 0          | 0          | 0          | 3          |
|                |                 | 50.0              | 5.6        | 0.0        | 0.0        | 0.0        | 16.7       | 0.0        | 0.0        | 0.0        | 3.0        |
| <b>Total</b>   |                 | <b>9</b>          | <b>216</b> | <b>132</b> | <b>66</b>  | <b>37</b>  | <b>20</b>  | <b>7</b>   | <b>10</b>  | <b>0</b>   | <b>497</b> |
|                |                 | <b>4.3</b>        | <b>5.4</b> | <b>4.1</b> | <b>3.2</b> | <b>2.9</b> | <b>2.6</b> | <b>1.4</b> | <b>1.7</b> | <b>0.0</b> | <b>3.9</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

# Syphilis

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

Quarter 1

| <u>Total Clinic Visits<sup>1</sup></u> |              |                                   | <u>2005</u>  |             | <u>2006</u>             |              |
|--|--------------|-----------------------------------|--------------|-------------|-------------------------|--------------|
| <u>2005</u>                            | <u>2006</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>   |
| 351                                    | 390          | Whangarei                         | 0            | 0.0%        | 0                       | 0.0%         |
| 0                                      | 104          | Dargaville                        | 0            | 0.0%        | 0                       | 0.0%         |
| 62                                     | 77           | Kaikohe                           | 0            | 0.0%        | 0                       | 0.0%         |
| 5219                                   | 5499         | Auckland                          | 0            | 0.0%        | 7                       | 0.1%         |
| <b>5632</b>                            | <b>6070</b>  | <b>North</b>                      | <b>0</b>     | <b>0.0%</b> | <b>7</b>                | <b>0.1%</b>  |
| 2073                                   | 2174         | Hamilton                          | 3            | 0.1%        | 5                       | 0.2%         |
| 2118                                   | 1945         | Tauranga                          | 0            | 0.0%        | 0                       | 0.0%         |
| 321                                    | 334          | Rotorua                           | 0            | 0.0%        | 0                       | 0.0%         |
| 248                                    | 294          | Whakatane                         | 0            | 0.0%        | 0                       | 0.0%         |
| 218                                    | 216          | Taupo                             | 0            | 0.0%        | 0                       | 0.0%         |
| 569                                    | 577          | New Plymouth                      | 0            | 0.0%        | 0                       | 0.0%         |
| 711                                    | 796          | Gisborne                          | 0            | 0.0%        | 0                       | 0.0%         |
| <b>6258</b>                            | <b>6336</b>  | <b>Midland</b>                    | <b>3</b>     | <b>0.0%</b> | <b>5</b>                | <b>0.1%</b>  |
| 327                                    | 331          | Napier                            | 0            | 0.0%        | 0                       | 0.0%         |
| 83                                     | 156          | Hastings                          | 0            | 0.0%        | 0                       | 0.0%         |
| 271                                    | 235          | Wanganui                          | 0            | 0.0%        | 0                       | 0.0%         |
| 940                                    | 959          | Palmerston North/Levin/Dannevirke | 0            | 0.0%        | 2                       | 0.2%         |
| 2272                                   | 2398         | Wellington                        | 0            | 0.0%        | 3                       | 0.1%         |
| 222                                    | 268          | Lower Hutt                        | 0            | 0.0%        | 0                       | 0.0%         |
| 154                                    | 166          | Porirua                           | 0            | 0.0%        | 1                       | 0.6%         |
| 305                                    | 480          | Nelson                            | 0            | 0.0%        | 0                       | 0.0%         |
| 128                                    | 137          | Wairau (Blenheim)                 | 0            | 0.0%        | 0                       | 0.0%         |
| <b>4702</b>                            | <b>5130</b>  | <b>Central</b>                    | <b>0</b>     | <b>0.0%</b> | <b>6</b>                | <b>0.1%</b>  |
| 109                                    | 128          | Greymouth                         | 0            | 0.0%        | 0                       | 0.0%         |
| 0                                      | 81           | Westport/Buller                   | 0            | 0.0%        | 0                       | 0.0%         |
| 2168                                   | 2370         | Christchurch                      | 0            | 0.0%        | 0                       | 0.0%         |
| 44                                     | 43           | Ashburton                         | 0            | 0.0%        | 0                       | 0.0%         |
| 185                                    | 141          | Timaru                            | 0            | 0.0%        | 0                       | 0.0%         |
| 733                                    | 816          | Dunedin                           | 0            | 0.0%        | 0                       | 0.0%         |
| 539                                    | 530          | Invercargill/Gore                 | 0            | 0.0%        | 0                       | 0.0%         |
| <b>3778</b>                            | <b>4109</b>  | <b>South</b>                      | <b>0</b>     | <b>0.0%</b> | <b>0</b>                | <b>0.0%</b>  |
| <b>20370</b>                           | <b>21645</b> | <b>Total</b>                      | <b>3</b>     | <b>0.0%</b> | <b>18</b>               | <b>0.1%</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 at SHCs**

Quarter 1 2006

|                |                 | 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          | 1          | 1          | 0          | 0          | 0          | 1          | 0          | 3          |
|                |                 | 0.0               | 0.0        | 0.2        | 0.2        | 0.0        | 0.0        | 0.0        | 0.3        | 0.0        | 0.1        |
|                | Maori           | 0                 | 0          | 0          | 1          | 1          | 1          | 0          | 0          | 0          | 3          |
|                |                 | 0.0               | 0.0        | 0.0        | 1.5        | 1.9        | 4.2        | 0.0        | 0.0        | 0.0        | 0.9        |
|                | Pacific Peoples | 0                 | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.0        | 5.6        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.0        |
|                | Other           | 0                 | 0          | 1          | 0          | 1          | 0          | 1          | 0          | 0          | 3          |
|                |                 | 0.0               | 0.0        | 0.5        | 0.0        | 0.9        | 0.0        | 1.3        | 0.0        | 0.0        | 0.4        |
| <b>Total</b>   |                 | <u>0</u>          | <u>0</u>   | <u>2</u>   | <u>3</u>   | <u>2</u>   | <u>1</u>   | <u>1</u>   | <u>1</u>   | <u>0</u>   | <u>10</u>  |
|                |                 | <u>0.0</u>        | <u>0.0</u> | <u>0.2</u> | <u>0.4</u> | <u>0.4</u> | <u>0.2</u> | <u>0.3</u> | <u>0.2</u> | <u>0.0</u> | <u>0.3</u> |
| <b>Females</b> | European/Pakeha | 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        | 0.0        | 0.0        |
|                | Maori           | 0                 | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 2.7        | 0.0        | 0.0        | 0.1        |
|                | Pacific Peoples | 0                 | 1          | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 3.6        | 0.0        | 5.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.7        |
|                | Other           | 0                 | 1          | 1          | 0          | 0          | 1          | 0          | 1          | 0          | 4          |
|                |                 | 0.0               | 0.6        | 0.4        | 0.0        | 0.0        | 1.0        | 0.0        | 1.9        | -          | 0.4        |
| <b>Total</b>   |                 | <u>0</u>          | <u>2</u>   | <u>2</u>   | <u>1</u>   | <u>0</u>   | <u>1</u>   | <u>1</u>   | <u>1</u>   | <u>0</u>   | <u>8</u>   |
|                |                 | <u>0.0</u>        | <u>0.1</u> | <u>0.2</u> | <u>0.1</u> | <u>0.0</u> | <u>0.3</u> | <u>0.5</u> | <u>0.4</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 1    |                         |              |                         |
|--|-------------|-----------------------------------|--------------|-------------------------|--------------|-------------------------|
| <u>Total Clinic Visits for males<sup>1</sup></u> |             |                                   | <u>2005</u>  |                         | <u>2006</u>  |                         |
| <u>2005</u>                                      | <u>2006</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> |
| 120  | 113         | Whangarei                         | 0            | 0.0%                    | 0            | 0.0%                    |
| 0  | 5           | Dargaville                        | 0            | 0.0%                    | 0            | 0.0%                    |
| 0  | 4           | Kaikohe                           | 0            | 0.0%                    | 0            | 0.0%                    |
| 2662   | 2762        | Auckland                          | 100          | 3.8%                    | 109          | 3.9%                    |
| <b>2782</b>                                      | <b>2884</b> | <b>North</b>                      | <b>100</b>   | <b>3.6%</b>             | <b>109</b>   | <b>3.8%</b>             |
| 680  | 825         | Hamilton                          | 7            | 1.0%                    | 17           | 2.1%                    |
| 413  | 386         | Tauranga                          | 12           | 2.9%                    | 11           | 2.8%                    |
| 107  | 159         | Rotorua                           | 2            | 1.9%                    | 3            | 1.9%                    |
| 38   | 59          | Whakatane                         | 0            | 0.0%                    | 6            | 10.2%                   |
| 51   | 54          | Taupo                             | 0            | 0.0%                    | 2            | 3.7%                    |
| 273  | 249         | New Plymouth                      | 14           | 5.1%                    | 12           | 4.8%                    |
| 50   | 65          | Gisborne                          | 0            | 0.0%                    | 0            | 0.0%                    |
| <b>1612</b>                                      | <b>1797</b> | <b>Midland</b>                    | <b>35</b>    | <b>2.2%</b>             | <b>51</b>    | <b>2.8%</b>             |
| 83   | 65          | Napier                            | 0            | 0.0%                    | 0            | 0.0%                    |
| 22   | 35          | Hastings                          | 0            | 0.0%                    | 0            | 0.0%                    |
| 83   | 81          | Wanganui                          | 2            | 2.4%                    | 1            | 1.2%                    |
| 396  | 400         | Palmerston North/Levin/Dannevirke | 22           | 5.6%                    | 26           | 6.5%                    |
| 1040   | 1166        | Wellington                        | 2            | 0.2%                    | 0            | 0.0%                    |
| 90   | 131         | Lower Hutt                        | 1            | 1.1%                    | 0            | 0.0%                    |
| 65   | 60          | Porirua                           | 0            | 0.0%                    | 0            | 0.0%                    |
| 164  | 242         | Nelson                            | 3            | 1.8%                    | 9            | 3.7%                    |
| 66   | 72          | Wairau (Blenheim)                 | 0            | 0.0%                    | 0            | 0.0%                    |
| <b>2009</b>                                      | <b>2252</b> | <b>Central</b>                    | <b>30</b>    | <b>1.5%</b>             | <b>36</b>    | <b>1.6%</b>             |
| 29   | 56          | Greymouth                         | 0            | 0.0%                    | 0            | 0.0%                    |
| 0  | 28          | Westport/Buller                   | 0            | 0.0%                    | 0            | 0.0%                    |
| 1193   | 1337        | Christchurch                      | 12           | 1.0%                    | 14           | 1.0%                    |
| 23   | 15          | Ashburton                         | 0            | 0.0%                    | 0            | 0.0%                    |
| 67   | 75          | Timaru                            | 1            | 1.5%                    | 0            | 0.0%                    |
| 250  | 285         | Dunedin                           | 0            | 0.0%                    | 1            | 0.4%                    |
| 231  | 280         | Invercargill/Gore                 | 9            | 3.9%                    | 8            | 2.9%                    |
| <b>1793</b>                                      | <b>2076</b> | <b>South</b>                      | <b>22</b>    | <b>1.2%</b>             | <b>23</b>    | <b>1.1%</b>             |
| <b>8196</b>                                      | <b>9009</b> | <b>Total</b>                      | <b>187</b>   | <b>2.3%</b>             | <b>219</b>   | <b>2.4%</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.

**Table 2.12: NSU (Males only)- Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity at SHCs**

Quarter 1 2006

|       |                 | Age group (years) |            |            |            |            |            |            |            | Unk        | Total      |
|-------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|       |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        |            |            |
| Males | European/Pakeha | 0                 | 18         | 47         | 18         | 19         | 21         | 9          | 28         | 0          | 160        |
|       |                 | 0.0               | 3.2        | 2.8        | 1.4        | 2.0        | 3.1        | 1.8        | 3.0        | 0.0        | 2.4        |
|       | Maori           | 0                 | 2          | 7          | 6          | 8          | 4          | 1          | 3          | 0          | 31         |
|       |                 | 0.0               | 0.8        | 2.2        | 2.8        | 4.7        | 4.6        | 2.1        | 6.1        | 0.0        | 2.7        |
|       | Pacific Peoples | 0                 | 1          | 4          | 5          | 3          | 0          | 0          | 0          | 0          | 13         |
|       |                 | 0.0               | 3.3        | 4.7        | 7.5        | 6.1        | 0.0        | 0.0        | 0.0        | -          | 4.5        |
|       | Other           | 0                 | 1          | 6          | 4          | 2          | 1          | 1          | 0          | 0          | 15         |
|       |                 | 0.0               | 2.2        | 3.2        | 2.1        | 1.8        | 0.8        | 1.3        | 0.0        | 0.0        | 1.8        |
|       | <b>Total</b>    | <b>0</b>          | <b>22</b>  | <b>64</b>  | <b>33</b>  | <b>32</b>  | <b>26</b>  | <b>11</b>  | <b>31</b>  | <b>0</b>   | <b>219</b> |
|       |                 | <b>0.0</b>        | <b>2.5</b> | <b>2.8</b> | <b>1.9</b> | <b>2.5</b> | <b>2.9</b> | <b>1.7</b> | <b>2.8</b> | <b>0.0</b> | <b>2.5</b> |

# Family Planning Clinic (FPC) Data

## Chlamydia

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

Quarter 1 2006

|                |                 | Age group (years) |             |             |             |            |            |            | Unk        | Total      |
|----------------|-----------------|-------------------|-------------|-------------|-------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19       | 20-24       | 25-29       | 30-34      | 35-39      | 40-44      |            |            |
| <b>Males</b>   | European/Pakeha | 0                 | 36          | 50          | 12          | 3          | 3          | 1          | 0          | 105        |
|                |                 | 0.0               | 8.4         | 9.9         | 7.9         | 2.6        | 2.6        | 1.3        | 0.0        | 6.9        |
|                | Maori           | 1                 | 10          | 12          | 3           | 2          | 0          | 0          | 0          | 28         |
|                |                 | 10.0              | 20.8        | 27.3        | 27.3        | 50.0       | 0.0        | 0.0        | 0.0        | 21.4       |
|                | Pacific Peoples | 0                 | 5           | 7           | 2           | 0          | 0          | 0          | 0          | 14         |
|                |                 | 0.0               | 17.9        | 30.4        | 18.2        | 0.0        | 0.0        | 0.0        | 0.0        | 16.9       |
|                | Other           | 0                 | 12          | 9           | 4           | 2          | 0          | 1          | 0          | 28         |
|                |                 | 0.0               | 15.4        | 10.3        | 17.4        | 10.0       | 0.0        | 4.8        | 0.0        | 10.7       |
|                | Unknown         | 0                 | 5           | 4           | 2           | 1          | 1          | 0          | 0          | 13         |
|                |                 | 0.0               | 13.2        | 11.8        | 11.8        | 10.0       | 16.7       | 0.0        | 0.0        | 10.9       |
| <b>Total</b>   |                 | <b>1</b>          | <b>68</b>   | <b>82</b>   | <b>23</b>   | <b>8</b>   | <b>4</b>   | <b>2</b>   | <b>0</b>   | <b>188</b> |
|                |                 | <b>1.6</b>        | <b>11.0</b> | <b>11.8</b> | <b>10.7</b> | <b>5.3</b> | <b>2.8</b> | <b>1.9</b> | <b>0.0</b> | <b>8.9</b> |
| <b>Females</b> | European/Pakeha | 6                 | 189         | 154         | 32          | 10         | 4          | 3          | 1          | 399        |
|                |                 | 1.3               | 1.8         | 1.7         | 0.9         | 0.4        | 0.2        | 0.3        | 0.1        | 1.3        |
|                | Maori           | 5                 | 65          | 39          | 5           | 0          | 1          | 0          | 0          | 115        |
|                |                 | 3.4               | 4.2         | 4.2         | 1.4         | 0.0        | 0.8        | 0.0        | 0.0        | 3.4        |
|                | Pacific Peoples | 0                 | 15          | 12          | 7           | 3          | 0          | 1          | 0          | 38         |
|                |                 | 0.0               | 3.1         | 2.5         | 3.6         | 2.5        | 0.0        | 2.7        | 0.0        | 2.6        |
|                | Other           | 1                 | 46          | 39          | 5           | 7          | 5          | 0          | 0          | 103        |
|                |                 | 0.9               | 2.5         | 2.3         | 0.7         | 1.2        | 1.3        | 0.0        | 0.0        | 1.8        |
|                | Unknown         | 0                 | 6           | 6           | 1           | 0          | 0          | 1          | 1          | 15         |
|                |                 | 0.0               | 1.1         | 1.2         | 0.4         | 0.0        | 0.0        | 0.9        | 0.0        | 0.8        |
| <b>Total</b>   |                 | <b>12</b>         | <b>321</b>  | <b>250</b>  | <b>50</b>   | <b>20</b>  | <b>10</b>  | <b>5</b>   | <b>1</b>   | <b>670</b> |
|                |                 | <b>1.5</b>        | <b>2.2</b>  | <b>2.0</b>  | <b>1.0</b>  | <b>0.6</b> | <b>0.4</b> | <b>0.3</b> | <b>0.1</b> | <b>1.6</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 at FPCs**

Quarter 1 2006

|                |                 | 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          | 1          | 0          | 0          | 1          | 0          | 0          | 0          | 4          |
|                |                 | 0.0               | 0.7        | 0.3        | 0.0        | 0.0        | 1.3        | 0.0        | 0.0        | 0.0        | 0.4        |
|                | Maori           | 1                 | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 3          |
|                |                 | 10.0              | 2.1        | 2.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 2.3        |
|                | Pacific Peoples | 0                 | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 12.5       | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 4.4        |
|                | Other           | 0                 | 0          | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 2.7        | 10.0       | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.9        |
| <b>Total</b>   |                 | <b>1</b>          | <b>3</b>   | <b>5</b>   | <b>1</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>11</b>  |
|                |                 | <b>2.6</b>        | <b>0.8</b> | <b>1.1</b> | <b>0.8</b> | <b>0.0</b> | <b>1.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.8</b> |
| <b>Females</b> | European/Pakeha | 0                 | 16         | 3          | 0          | 1          | 1          | 0          | 0          | 0          | 21         |
|                |                 | 0.0               | 0.2        | 0.0        | 0.0        | 0.0        | 0.1        | 0.0        | 0.0        | 0.0        | 0.1        |
|                | Maori           | 1                 | 10         | 4          | 0          | 1          | 0          | 1          | 0          | 0          | 17         |
|                |                 | 0.7               | 0.6        | 0.4        | 0.0        | 0.5        | 0.0        | 1.3        | 0.0        | 0.0        | 0.5        |
|                | Pacific Peoples | 0                 | 3          | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 6          |
|                |                 | 0.0               | 1.0        | 0.6        | 0.8        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.7        |
|                | Other           | 1                 | 8          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 10         |
|                |                 | 0.9               | 0.4        | 0.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.2        |
| <b>Total</b>   |                 | <b>2</b>          | <b>38</b>  | <b>10</b>  | <b>1</b>   | <b>2</b>   | <b>1</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>55</b>  |
|                |                 | <b>0.3</b>        | <b>0.3</b> | <b>0.1</b> | <b>0.0</b> | <b>0.1</b> | <b>0.0</b> | <b>0.1</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 (First presentation)

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

Quarter 1 2006

|                |                 | 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          | 3          | 0          | 1          | 0          | 0          | 0          | 0          | 5          |
|                |                 | 0.0               | 0.2        | 0.6        | 0.0        | 0.9        | 0.0        | 0.0        | 0.0        | 0.0        | 0.3        |
|                | Maori           | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 7.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 1.6        |
|                | Pacific Peoples | 0                 | 0          | 0          | 0          | 0          | 0          | 1          | 0          | 0          | 1          |
| <b>Females</b> |                 | 0.0               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 50.0       | 0.0        | 0.0        | 4.0        |
|                | <b>Total</b>    | <b>0</b>          | <b>1</b>   | <b>4</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>7</b>   |
|                |                 | <b>0.0</b>        | <b>0.2</b> | <b>0.8</b> | <b>0.0</b> | <b>0.8</b> | <b>0.0</b> | <b>1.2</b> | <b>0.0</b> | <b>0.0</b> | <b>0.4</b> |
|                | European/Pakeha | 0                 | 5          | 5          | 4          | 0          | 0          | 1          | 3          | 0          | 18         |
|                |                 | 0.0               | 0.0        | 0.1        | 0.1        | 0.0        | 0.0        | 0.1        | 0.2        | 0.0        | 0.1        |
| <b>Females</b> | Maori           | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.1        |
|                | Other           | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.2        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
|                | Unknown         | 0                 | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          | 2          |
| <b>Females</b> |                 | 0.0               | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 5.6        | 0.1        |
|                | <b>Total</b>    | <b>0</b>          | <b>6</b>   | <b>7</b>   | <b>4</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>3</b>   | <b>1</b>   | <b>22</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>0.1</b> | <b>0.2</b> | <b>2.7</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 (First presentation)

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

Quarter 1 2006

|                |                 | 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          | 12         | 6          | 0          | 2          | 0          | 0          | 23         |
|                |                 | 0.0               | 0.5        | 2.4        | 3.9        | 0.0        | 1.7        | 0.0        | 1.3        | 1.5        |
|                | Maori           | 1                 | 3          | 1          | 1          | 0          | 0          | 0          | 0          | 6          |
|                |                 | 10.0              | 7.9        | 2.9        | 12.5       | 0.0        | 0.0        | 0.0        | 0.0        | 5.7        |
|                | Other           | 0                 | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 6.7        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 2.4        |
| <b>Total</b>   |                 | <b>1</b>          | <b>5</b>   | <b>15</b>  | <b>7</b>   | <b>0</b>   | <b>2</b>   | <b>0</b>   | <b>1</b>   | <b>31</b>  |
|                |                 | <b>2.4</b>        | <b>1.0</b> | <b>2.6</b> | <b>4.3</b> | <b>0.0</b> | <b>1.6</b> | <b>0.0</b> | <b>1.1</b> | <b>1.8</b> |
| <b>Females</b> | European/Pakeha | 1                 | 41         | 23         | 4          | 2          | 1          | 1          | 0          | 74         |
|                |                 | 0.2               | 0.4        | 0.2        | 0.1        | 0.1        | 0.1        | 0.1        | 0.0        | 0.2        |
|                | Maori           | 0                 | 3          | 1          | 2          | 0          | 0          | 0          | 0          | 6          |
|                |                 | 0.0               | 0.2        | 0.1        | 0.5        | 0.0        | 0.0        | 0.0        | 0.0        | 0.2        |
|                | Pacific Peoples | 0                 | 0          | 1          | 1          | 0          | 0          | 1          | 0          | 3          |
|                |                 | 0.0               | 0.0        | 0.2        | 0.5        | 0.0        | 0.0        | 2.7        | 0.0        | 0.2        |
|                | Other           | 0                 | 7          | 4          | 0          | 0          | 0          | 0          | 0          | 11         |
|                |                 | 0.0               | 0.4        | 0.2        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.2        |
|                | Unknown         | 0                 | 2          | 1          | 1          | 0          | 0          | 0          | 0          | 4          |
|                |                 | 0.0               | 0.4        | 0.2        | 0.4        | 0.0        | 0.0        | 0.0        | 0.0        | 0.2        |
| <b>Total</b>   |                 | <b>1</b>          | <b>53</b>  | <b>30</b>  | <b>8</b>   | <b>2</b>   | <b>1</b>   | <b>2</b>   | <b>1</b>   | <b>98</b>  |
|                |                 | <b>0.1</b>        | <b>0.4</b> | <b>0.2</b> | <b>0.2</b> | <b>0.1</b> | <b>0.0</b> | <b>0.1</b> | <b>0.1</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 at SYHCs**

Quarter 1 2006

|                |                 | Age group (years) |            |            |            |            |            |            |            | Unk        | Total      |
|----------------|-----------------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|                |                 | <15               | 15-19      | 20-24      | 25-29      | 30-34      | 35-39      | 40-44      | >44        |            |            |
| <b>Males</b>   | European/Pakeha | 0                 | 7          | 10         | 2          | 0          | 0          | 0          | 1          | 0          | 20         |
|                |                 | 0.0               | 1.0        | 0.6        | 0.4        | 0.0        | 0.0        | 0.0        | 0.4        | -          | 0.6        |
|                | Maori           | 0                 | 1          | 2          | 1          | 0          | 0          | 0          | 0          | 0          | 4          |
|                |                 | 0.0               | 3.8        | 2.5        | 4.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.7        |
|                | Pacific Peoples | 0                 | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 7.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 1.2        |
|                | Other           | 0                 | 0          | 2          | 0          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 0.0        | 2.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.7        |
|                | Unknown         | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 9.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| <b>Total</b>   |                 | <b>0</b>          | <b>9</b>   | <b>15</b>  | <b>3</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>1</b>   | <b>0</b>   | <b>28</b>  |
|                |                 | <b>0.0</b>        | <b>1.2</b> | <b>0.8</b> | <b>0.5</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.3</b> | <b>0.0</b> | <b>0.4</b> |
| <b>Females</b> | European/Pakeha | 1                 | 29         | 27         | 3          | 0          | 0          | 3          | 0          | 0          | 63         |
|                |                 | 1.9               | 0.9        | 0.5        | 0.3        | 0.0        | 0.0        | 1.2        | 0.0        | 0.0        | 0.6        |
|                | Maori           | 0                 | 12         | 8          | 1          | 1          | 0          | 0          | 0          | 0          | 22         |
|                |                 | 0.0               | 2.9        | 1.3        | 0.4        | 0.8        | 0.0        | 0.0        | 0.0        | -          | 1.3        |
|                | Pacific Peoples | 0                 | 0          | 6          | 1          | 0          | 0          | 0          | 0          | 0          | 7          |
|                |                 | 0.0               | 0.0        | 4.7        | 2.7        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 2.2        |
|                | Other           | 0                 | 0          | 7          | 2          | 0          | 0          | 0          | 0          | 0          | 9          |
|                |                 | 0.0               | 0.0        | 0.5        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | -          | 0.3        |
|                | Unknown         | 0                 | 3          | 1          | 0          | 0          | 0          | 0          | 0          | 0          | 4          |
|                |                 | 0.0               | 8.6        | 2.5        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| <b>Total</b>   |                 | <b>1</b>          | <b>44</b>  | <b>49</b>  | <b>7</b>   | <b>1</b>   | <b>0</b>   | <b>3</b>   | <b>0</b>   | <b>0</b>   | <b>105</b> |
|                |                 | <b>1.2</b>        | <b>1.1</b> | <b>0.7</b> | <b>0.4</b> | <b>0.1</b> | <b>0.0</b> | <b>0.7</b> | <b>0.0</b> | <b>0.0</b> | <b>0.4</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 4.2: Gonorrhoea - Cases<sup>1</sup> and Rates<sup>2</sup> by Age, Sex and Ethnicity at SYHCs**

Quarter 1 2006

|                |                 | 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        | 0.2        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |
|                | Pacific Peoples | 0                 | 1          | 1          | 0          | 0          | 0          | 0          | 0          | 2          |
|                |                 | 0.0               | 7.1        | 5.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 2.4        |
|                | <b>Total</b>    | <b>0</b>          | <b>1</b>   | <b>3</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>5</b>   |
|                |                 | <b>0.0</b>        | <b>0.2</b> | <b>0.2</b> | <b>0.3</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.2</b> |
| <b>Females</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        | 0.1        |
|                | Maori           | 0                 | 1          | 2          | 0          | 0          | 0          | 0          | 0          | 3          |
|                |                 | 0.0               | 0.3        | 0.4        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.2        |
|                | Other           | 0                 | 0          | 0          | 1          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.0        | 0.3        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |
|                | Unknown         | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 3.6        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| <b>Total</b>   |                 | <b>0</b>          | <b>2</b>   | <b>5</b>   | <b>1</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>8</b>   |
|                |                 | <b>0.0</b>        | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</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 (First presentation)

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

Quarter 1 2006

|                |                 | Age group (years) |          |          |          |          |          |          | Unk      | Total    |
|----------------|-----------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
|                |                 | <15               | 15-19    | 20-24    | 25-29    | 30-34    | 35-39    | 40-44    |          |          |
| <b>Males</b>   | European/Pakeha | 0                 | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 2        |
|                |                 | 0.0               | 0.1      | 0.1      | 0.0      | 0.0      | 0.0      | 0.0      | -        | 0.1      |
|                | Unknown         | 0                 | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 1        |
|                |                 | 0.0               | 0.0      | 0.1      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      |
|                | <b>Total</b>    | <b>0</b>          | <b>1</b> | <b>2</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>3</b> |
|                |                 | 0.0               | 0.1      | 0.1      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.1      |
| <b>Females</b> | European/Pakeha | 0                 | 0        | 2        | 1        | 0        | 0        | 1        | 0        | 4        |
|                |                 | 0.0               | 0.0      | 0.1      | 0.1      | 0.0      | 0.0      | 0.5      | 0.0      | 0.1      |
|                | Maori           | 0                 | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 1        |
|                |                 | 0.0               | 0.0      | 0.3      | 0.0      | 0.0      | 0.0      | 0.0      | -        | 0.1      |
|                | <b>Total</b>    | <b>0</b>          | <b>0</b> | <b>3</b> | <b>1</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b> | <b>5</b> |
|                |                 | 0.0               | 0.0      | 0.1      | 0.1      | 0.0      | 0.0      | 0.4      | 0.0      | 0.1      |

<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 (first presentation)

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

Quarter 1 2006

|                |                 | 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          | 6          | 2          | 0          | 0          | 0          | 0          | 9          |
|                |                 | 0.0               | 0.1        | 0.4        | 0.4        | 0.0        | 0.0        | 0.0        | 0.0        | 0.3        |
|                | Other           | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.2        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |
|                | Unknown         | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          |
| <b>Total</b>   |                 | <b>0</b>          | <b>1</b>   | <b>8</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>11</b>  |
|                |                 | <b>0.0</b>        | <b>0.1</b> | <b>0.4</b> | <b>0.3</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.2</b> |
| <b>Females</b> | European/Pakeha | 0                 | 4          | 5          | 2          | 0          | 0          | 0          | 0          | 11         |
|                |                 | 0.0               | 0.1        | 0.1        | 0.2        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |
|                | Other           | 0                 | 0          | 1          | 0          | 0          | 0          | 0          | 0          | 1          |
|                |                 | 0.0               | 0.0        | 0.1        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.1        |
|                | Unknown         | 0                 | 1          | 2          | 0          | 0          | 0          | 0          | 0          | 3          |
| <b>Total</b>   |                 | <b>0</b>          | <b>5</b>   | <b>8</b>   | <b>2</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>15</b>  |
|                |                 | <b>0.0</b>        | <b>0.1</b> | <b>0.1</b> | <b>0.1</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</b> | <b>0.0</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<br/>* 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>  |