

**CLINIC SURVEILLANCE OF  
SEXUALLY TRANSMITTED INFECTIONS  
IN NEW ZEALAND**

**OCTOBER TO DECEMBER 2011**

Prepared by the  
Health Intelligence Team  
Institute of Environmental Science & Research Ltd.  
as a part of the Ministry of Health contract for scientific services

March 2012

## Disclaimer

This report or document ("the Report") is given by the Institute of Environmental Science and Research Limited ("ESR") solely for the benefit of the Ministry of Health, Public Health Service Providers and other Third Party Beneficiaries as defined in the Contract between ESR and the Ministry of Health, and is strictly subject to the conditions laid out in that Contract.

Neither ESR nor any of its employees makes any warranty, express or implied, or assumes any legal liability or responsibility for use of the Report or its contents by any other person or organisation.

## Acknowledgements

This report was prepared by the Health Intelligence Team at ESR with particular contributions from Pauline Quinn, Bronwyn Morris, Kerry Sexton and Suzanne Moreno.

The authors wish to acknowledge that this report could not have been generated without the continuing support of staff at sexual health, family planning, student and youth health clinics throughout New Zealand. The provision of STI surveillance data by them is greatly appreciated.

**This report is available on the Internet at [www.surv.esr.cri.nz](http://www.surv.esr.cri.nz)  
STI data requests may be emailed to [survqueries@esr.cri.nz](mailto:survqueries@esr.cri.nz)**

# Contents

List of Tables.....	iii
<b>INTRODUCTION .....</b>	<b>1</b>
<b>METHODS.....</b>	<b>2</b>
Data collection.....	2
Analysis methods .....	2
Data limitations.....	3
Data completeness .....	3
Overview of Data .....	4
Sexual health clinics .....	4
Family planning clinics .....	4
Student and youth health clinics .....	4
Clinic Surveillance Data.....	6
Sexual health clinic data .....	8
Family planning clinic data .....	17
Student and youth health clinic data .....	19
Appendix: STI Surveillance Case Definitions .....	21

## LIST OF TABLES

Table 1. Number of cases, clinic visit rate and rate change between the fourth quarter of 2010 and 2011, by STI and clinic type .....	5
Table 2. Number of clinic visits, number of cases and clinic visit rates by STI and clinic type, October to December 2011 .....	6
Table 3. Chlamydia – cases by site of infection, October to December 2011 .....	7
Table 4. Gonorrhoea – cases by site of infection, October to December 2011 .....	7
Table 5. Chlamydia – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011 .....	8
Table 6. Gonorrhoea – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011 .....	9
Table 7. Genital herpes – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011 .....	10
Table 8. Genital warts – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011 .....	11
Table 9. Syphilis – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011 .....	12
Table 10. NSU (males only) – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011 .....	13
Table 11. Number of cases and clinic visit rates for each STI by age, sex and ethnicity at SHCs, October to December 2011 .....	14
Table 12. Number of cases and clinic visit rates for each STI by age, sex and ethnicity at FPCs, October to December 2011 .....	17
Table 13. Number of cases and clinic visit rates for each STI by age, sex and ethnicity at SYHCs, October to December 2011 .....	19

## INTRODUCTION

The cornerstone of communicable disease surveillance in New Zealand is statutorily-mandated disease notification. However, with the exception of acquired immune deficiency syndrome, the late sequelae of human immunodeficiency virus infection and hepatitis B, sexually transmitted infections (STIs) are not notifiable. Therefore surveillance efforts are based on voluntary provision of clinic-based data from sexual health clinics (SHCs), family planning clinics (FPCs) and student and youth health clinics (SYHCs), and microbiologic data from diagnostic laboratories. Population and disease coverage varies by data source.

Clinic-based surveillance of STIs has traditionally been based on data from specialist SHCs (who provide a free and confidential sexual health service). Since 1998, clinic-based STI surveillance has been progressively expanded to include data from FPCs (who provide sexual and reproductive health services) and SYHCs (who provide general and/or specialist health services for students and staff, and often operate as drop-in centres) to give a more comprehensive picture of the disease burden in New Zealand. At present, data from SHCs provide the most comprehensive information on the epidemiology of STIs in New Zealand. This is for a number of reasons including the stability of both the number of SHCs across New Zealand and the number of SHCs participating in the surveillance programme, and the availability of ethnicity data.

In addition to clinic-based surveillance, laboratory-based surveillance of gonorrhoea began in the Auckland, Waikato and Bay of Plenty regions in 1998. Laboratory surveillance of chlamydia began in the Waikato and Bay of Plenty 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. Improvements to the reporting of laboratory surveillance data were implemented during 2009. Population-based rates of chlamydia and gonorrhoea for many district health boards (DHBs) and estimates of national rates based on the data from these DHBs are now reported. Further improvements to STI surveillance are under consideration for 2012/13. Quarterly reports for laboratory-based STI surveillance are produced separately and are available at [www.surv.esr.cri.nz](http://www.surv.esr.cri.nz).

The number of cases of STIs reported through the clinic-based surveillance system underestimates the true burden of STIs in New Zealand because a substantial percentage of STIs are diagnosed by other health care providers, particularly primary health care practitioners. Laboratories receive specimens from all health providers, and so, provide a useful, complementary source of STI data. For example, in areas where both clinic and laboratory surveillance data are collected, laboratory data aggregated across New Zealand in 2010 reported approximately four-times the number of chlamydia and three-times the number of gonorrhoea cases compared with that reported by clinic-based surveillance.

This report presents data on chlamydia, gonorrhoea, genital herpes, genital warts, syphilis, non-specific urethritis (NSU), chancroid, granuloma inguinale (GI) and lymphogranuloma venereum (LGV) cases reported in the fourth quarter (October to December) 2011 from SHCs, FPCs and SYHCs across New Zealand.

## METHODS

*All results and analyses are based on data submitted prior to 9 March 2012. Any data submitted after this date are not included in this report due to time constraints. All results should be regarded as provisional.*

### Data collection

Clinics record anonymous data on the age, sex and ethnicity of all individuals 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. Data are either entered directly into the national STI surveillance database by ESR staff or entered into a regional surveillance database by a regional co-ordinator. Data from regional STI surveillance databases are sent electronically to ESR each month where they are merged with data on the national STI surveillance database.

STIs currently under clinic-based surveillance are chlamydia, gonorrhoea, genital herpes, genital warts, syphilis, NSU, chancroid, GI and LGV (see Appendix for case definitions).

### Analysis methods

Clinic-based STI surveillance data stored in the database were extracted and analysed using Microsoft Access and Excel.

### Case numbers

The STIs under surveillance include both probable and confirmed case definitions for chlamydia, gonorrhoea, chancroid, GI and LGV. However, case numbers and clinic visit rates presented in this report relate to confirmed cases of these diseases only (unless otherwise stated).

### Calculation of rates

Clinic visit infection rates for the quarter were calculated by dividing the total number of confirmed reported cases of each STI by the total number of clinic visits 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.

Clinic visit infection rates that are based on fewer than five cases should be interpreted with caution as these are unstable and provide an unreliable basis for comparisons. Care should also be exercised when interpreting and comparing rates based on fewer than 20 cases. Consideration should be given to the absolute number of cases in the categories analysed with rates, because categories with the highest rates may sometimes involve a relatively small proportion of the overall disease burden.

Clinic-based STI surveillance data cannot be used to calculate population rates due to problems with defining clinic catchments, clientele and variations in geographical location.

## Data limitations

Clinics participating in STI surveillance are located in cities and some larger rural towns. Most other rural towns and isolated populations have limited or no access to the services offered by SHCs and FPCs and they rely on other health care providers. University and polytechnic student health clinics provide services only to those students and staff who attend their institution.

While STIs are diagnosed and treated by a range of primary healthcare providers, including general practitioners (GPs), SHCs diagnose a substantial proportion of the total number of STIs and their data are useful for trend analysis and can provide an alert for changes occurring in the wider population. Data presented for SYHCs in New Zealand may not be representative of all SYHCs because not all provide STI surveillance data and some provide incomplete data.

Valid comparisons between infection rates at different clinic types are not possible due to differences in the range of services provided which affect the denominator (total clinic visits for any reason) used to calculate rates. SHCs provide mainly STI-related sexual health services, FPCs provide mainly non-STI sexual and reproductive health services and SYHCs provide mainly general health services. Those attending SHCs are more likely to have opportunistic STI testing than those attending other clinic types for other reasons. As a result, STI rates at SHCs are higher than STI rates at other clinic types.

Caution should also be taken when making comparisons between years within each clinic type, especially when comparing case counts. This is because both the number of participating clinics and the number of months of data supplied by a particular clinic can vary over time due to data supply constraints. Also, a zero case or visit count can indicate either that data was not supplied or that there were no cases/visits.

## Data completeness

### Sexual health clinics

In the fourth quarter (October to December) 2011, 27 SHCs participated in the STI surveillance programme. All 27 clinics submitted STI data by the date required for the fourth quarter. All of these clinics submitted data for all three months of the quarter.

### Family planning clinics

In the fourth quarter (October to December) 2011, 32 FPCs participated in the STI surveillance programme. All 32 clinics submitted STI data by the date required for the fourth quarter. All these clinics submitted data for all three months of the quarter. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during holidays.

### Student and youth health clinics

In the fourth quarter (October to December) 2011, 14 SYHCs participated in the STI surveillance programme. All 14 clinics submitted STI data by the date required for the fourth quarter. All these clinics submitted data 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 holidays.

## Overview of Data

### Sexual health clinics

In the fourth quarter (October to December) 2011, SHCs reported 20 099 clinic visits. A total of 1176 cases of chlamydia, 157 cases of gonorrhoea, 206 cases of genital herpes, 567 cases of genital warts, 17 cases of syphilis and 165 cases of NSU (males only) were reported in this quarter. No cases of chancroid, GI or LGV were reported in this quarter.

### Family planning clinics

In the fourth quarter (October to December) 2011, FPCs reported 45 077 clinic visits. A total of 706 cases of chlamydia, 36 cases of gonorrhoea, 45 cases of genital herpes, 58 cases of genital warts, and five cases of NSU (males only) were reported in this quarter. No cases of syphilis, chancroid, GI or LGV were reported in this quarter.

### Student and youth health clinics

In the fourth quarter (October to December) 2011, SYHCs reported 52 979 clinic visits. A total of 225 cases of chlamydia, 7 cases of gonorrhoea, 24 cases of genital herpes, 24 cases of genital warts, and four cases of NSU (males only) were reported in this quarter. No cases of syphilis, chancroid, GI or LGV were reported in this quarter.

The numbers of cases, clinic visit rate and the rate change between the fourth quarter (October to December) 2010 and 2011 for each STI by clinic type are shown in Table 1. Note that clinic visit rates and rate changes may not be clearly reflected in Table 1 because of the large denominator (Table 2) and small number of cases for some STIs. Tables 2 to 13 present STI case numbers and clinic visit rates by clinic type, including site of infection and demographic data.



**Table 1. Number of cases, clinic visit rate and rate change between the fourth quarter of 2010 and 2011, by STI and clinic type**

Clinic type	Sexually Transmitted Infection	October to December 2010		October to December 2011		Clinic visit rate <sup>1</sup> change <sup>2</sup> between quarters
		Number of cases	Clinic visit rate <sup>1</sup> (%)	Number of cases	Clinic visit rate <sup>1</sup> (%)	
SHCs	Chlamydia	1189	5.6	1176	5.9	▲
	Gonorrhoea	209	0.9	157	0.8	▼
	Genital herpes	192	0.9	206	1.0	▲
	Genital warts	656	3.1	567	2.8	▼
	Syphilis	21	0.1	17	0.1	—
	NSU (males only)	185	2.3	165	2.1	▼
FPCs	Chlamydia	659	1.4	706	1.6	▲
	Gonorrhoea	45	0.1	36	0.1	—
	Genital herpes	54	0.1	45	0.1	—
	Genital warts	69	0.1	58	0.1	—
	Syphilis	0	-	0	-	—
	NSU (males only)	2	-	5	-	—
SYHCs	Chlamydia	212	0.4	225	0.4	—
	Gonorrhoea	10	0.0	7	0.0	—
	Genital herpes	22	0.0	24	0.0	—
	Genital warts	30	0.1	24	0.0	▼
	Syphilis	0	-	0	-	—
	NSU (males only)	2	-	4	-	—

<sup>1</sup> Clinic visit rate = no. of cases/total no. of clinic visits, expressed as a percentage

<sup>2</sup> — no change in rate; ▲ rate increase; ▼ rate decrease; comparison of crude rates not tested for significance  
Clinic visit rates may be unreliable where fewer than five cases were reported.

## Clinic Surveillance Data

### All clinic data

**Table 2. Number of clinic visits, number of cases and clinic visit rates by STI and clinic type, October to December 2011**

<u>Clinic Type, by area</u>		<u>Total Clinic</u>	<u>Chlamydia</u>	<u>Gonorrhoea</u>	<u>Genital</u>	<u>Genital</u>	<u>Syphilis</u> <sup>4</sup>
		<u>Visits</u> <sup>1</sup>			<u>Herpes</u> <sup>3</sup>	<u>Warts</u> <sup>3</sup>	
<b>North</b>							
Sexual Health Clinics	No.	5,806	404	86	57	187	10
	Rate <sup>2</sup>		7.0%	1.5%	1.0%	3.2%	0.2%
Family Planning Clinics	No.	16,152	187	9	4	16	0
	Rate <sup>3</sup>		1.2%	0.1%	0.0%	0.1%	0.0%
Student & Youth Health Clinics	No.	7,069	36	3	1	1	0
	Rate <sup>3</sup>		0.5%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal North</b>		<b>29,027</b>	<b>627</b>	<b>98</b>	<b>62</b>	<b>204</b>	<b>10</b>
<b>Midland</b>							
Sexual Health Clinics	No.	7,085	461	46	67	155	4
	Rate <sup>3</sup>		6.5%	0.6%	0.9%	2.2%	0.1%
Family Planning Clinics	No.	8,135	212	16	4	8	0
	Rate <sup>3</sup>		2.6%	0.2%	0.0%	0.1%	0.0%
Student & Youth Health Clinics	No.	11,049	23	0	1	4	0
	Rate <sup>3</sup>		0.2%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal Midland</b>		<b>26,269</b>	<b>696</b>	<b>62</b>	<b>72</b>	<b>167</b>	<b>4</b>
<b>Central</b>							
Sexual Health Clinics	No.	3,962	176	15	37	128	3
	Rate <sup>3</sup>		4.4%	0.4%	0.9%	3.2%	0.1%
Family Planning Clinics	No.	10,041	163	8	20	20	0
	Rate <sup>3</sup>		1.6%	0.1%	0.2%	0.2%	0.0%
Student & Youth Health Clinics	No.	19,452	128	4	9	9	0
	Rate <sup>3</sup>		0.7%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal Central</b>		<b>33,455</b>	<b>467</b>	<b>27</b>	<b>66</b>	<b>157</b>	<b>3</b>
<b>South</b>							
Sexual Health Clinics	No.	3,246	135	10	45	97	0
	Rate <sup>3</sup>		4.2%	0.3%	1.4%	3.0%	0.0%
Family Planning Clinics	No.	10,749	144	3	17	14	0
	Rate <sup>3</sup>		1.3%	0.0%	0.2%	0.1%	0.0%
Student & Youth Health Clinics	No.	15,409	38	0	13	10	0
	Rate <sup>3</sup>		0.2%	0.0%	0.1%	0.1%	0.0%
<b>Subtotal South</b>		<b>29,404</b>	<b>317</b>	<b>13</b>	<b>75</b>	<b>121</b>	<b>0</b>
<b>All regions</b>							
Sexual Health Clinics	No.	20,099	1,176	157	206	567	17
	Rate.		5.9%	0.8%	1.0%	2.8%	0.1%
Family Planning Clinics	No.	45,077	706	36	45	58	0
	Rate.		1.6%	0.1%	0.1%	0.1%	0.0%
Student & Youth Health Clinics	No.	52,979	225	7	24	24	0
	Rate.		0.4%	0.0%	0.0%	0.0%	0.0%
<b>Total</b>	<b>No.</b>	<b>118,155</b>	<b>2,107</b>	<b>200</b>	<b>275</b>	<b>649</b>	<b>17</b>
	<b>Rate.</b>		<b>1.8%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>0.5%</b>	<b>0.0%</b>

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

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

<sup>3</sup> First presentation at that clinic

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

Clinic visit rates may be unreliable where fewer than five cases were reported.

**Table 3. Chlamydia – cases by site of infection, October to December 2011**

	<i>Confirmed</i>						Total <sup>1</sup>
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>
Sexual Health Clinics	1073	90.6%	71	6.0%	40	3.4%	1184
Family Planning Clinics	694	98.3%	12	1.7%	0	0.0%	706
Student & Youth Health Clinics	222	98.7%	1	0.4%	2	0.9%	225
Total	1989	94.0%	84	4.0%	42	2.0%	2115

**Table 4. Gonorrhoea – cases by site of infection, October to December 2011**

	Confirmed										Total <sup>1</sup>
	Uncomplicated infection				PID/ epididymitis		Extra-genital				
	Urogenital		Anorectal		No. <sup>2</sup>	% <sup>3</sup>	Pharynx		Other site		
	No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>			No. <sup>2</sup>	% <sup>3</sup>	No. <sup>2</sup>	% <sup>3</sup>	
Sexual Health Clinics	135	83.9%	17	10.6%	4	2.5%	5	3.1%	0	0.0%	161
Family Planning Clinics	32	88.9%	0	0.0%	4	11.1%	0	0.0%	0	0.0%	36
Student & Youth Health Clinics	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7
Total	174	85.3%	17	8.3%	8	3.9%	5	2.5%	0	0.0%	204

<sup>1</sup> Total = total no. of cases by clinic type; note that some cases may be counted more than once if the disease was confirmed at more than one site. Cases where site was not specified are not included.

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

<sup>3</sup> % = no. of cases by site/total no. of cases by clinic type, expressed as a percentage

## Sexual health clinic data

**Table 5. Chlamydia – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011**

<u>Total Clinic Visits<sup>1</sup></u>			<u>2010 Total</u>		<u>2011 Total</u>	
<u>2010</u>	<u>2011</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
690	743	Whangarei	42	6.1%	72	9.7%
130	142	Dargaville	0	0.0%	4	2.8%
110	107	Kaikohe	9	8.2%	15	14.0%
5012	4814	Auckland	350	7.0%	313	6.5%
<b>5942</b>	<b>5806</b>	<b>North</b>	<b>401</b>	<b>6.7%</b>	<b>404</b>	<b>7.0%</b>
2076	1969	Hamilton	113	5.4%	134	6.8%
2306	1914	Tauranga	152	6.6%	135	7.1%
200	257	Rotorua	11	5.5%	14	5.4%
469	483	Whakatane	54	11.5%	29	6.0%
1157	1119	Taupo	43	3.7%	48	4.3%
524	778	New Plymouth	28	5.3%	49	6.3%
451	565	Gisborne	59	13.1%	52	9.2%
<b>7183</b>	<b>7085</b>	<b>Midland</b>	<b>460</b>	<b>6.4%</b>	<b>461</b>	<b>6.5%</b>
285	300	Napier	45	15.8%	30	10.0%
144	161	Hastings	36	25.0%	26	16.1%
181	254	Wanganui	11	6.1%	4	1.6%
932	710	Palmerston North/Levin/Dannevirke	9	0.9%	46	6.5%
1697	1365	Wellington	54	3.2%	47	3.4%
105	199	Lower Hutt	2	1.9%	4	2.0%
81	67	Porirua	2	2.5%	2	3.0%
837	793	Nelson	21	2.5%	12	1.5%
106	113	Wairau (Blenheim)	2	1.9%	5	4.4%
<b>4368</b>	<b>3962</b>	<b>Central</b>	<b>182</b>	<b>4.1%</b>	<b>176</b>	<b>4.4%</b>
77	58	Greymouth	4	5.2%	1	1.7%
135	102	Westport/Buller	14	10.4%	4	3.9%
2018	1882	Christchurch	78	3.9%	63	3.3%
30	16	Ashburton	1	3.3%	1	6.3%
95	136	Timaru	2	2.1%	8	5.9%
808	765	Dunedin	21	2.6%	21	2.7%
368	287	Invercargill/Gore/Wyndham	26	7.1%	37	12.9%
<b>3531</b>	<b>3246</b>	<b>South</b>	<b>146</b>	<b>4.1%</b>	<b>135</b>	<b>4.2%</b>
<b>21024</b>	<b>20099</b>	<b>Total</b>	<b>1189</b>	<b>5.6%</b>	<b>1176</b>	<b>5.9%</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, expressed as a percentage.

Clinic visit rates may be unreliable where fewer than five cases were reported.

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 6. Gonorrhoea – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011**

<b>Total Clinic Visits<sup>1</sup></b>			<b>2010 Total</b>		<b>2011 Total</b>	
<b>2010</b>	<b>2011</b>	<b>Clinic</b>	<b>No.</b>	<b>Rate<sup>2</sup></b>	<b>No.</b>	<b>Rate<sup>2</sup></b>
690	743	Whangarei	12	1.7%	7	0.9%
130	142	Dargaville	0	0.0%	0	0.0%
110	107	Kaikohe	0	0.0%	0	0.0%
5012	4814	Auckland	80	1.6%	79	1.6%
<b>5942</b>	<b>5806</b>	<b>North</b>	<b>92</b>	<b>1.5%</b>	<b>86</b>	<b>1.5%</b>
2076	1969	Hamilton	16	0.8%	16	0.8%
2306	1914	Tauranga	14	0.6%	7	0.4%
200	257	Rotorua	2	1.0%	5	1.9%
469	483	Whakatane	12	2.6%	4	0.8%
1157	1119	Taupo	1	0.1%	1	0.1%
524	778	New Plymouth	8	1.5%	9	1.2%
451	565	Gisborne	22	4.9%	4	0.7%
<b>7183</b>	<b>7085</b>	<b>Midland</b>	<b>75</b>	<b>1.0%</b>	<b>46</b>	<b>0.6%</b>
285	300	Napier	3	1.1%	0	0.0%
144	161	Hastings	4	2.8%	1	0.6%
181	254	Wanganui	6	3.3%	1	0.4%
932	710	Palmerston North/Levin/Dannevirke	3	0.3%	8	1.1%
1697	1365	Wellington	9	0.5%	3	0.2%
105	199	Lower Hutt	0	0.0%	0	0.0%
81	67	Porirua	0	0.0%	0	0.0%
837	793	Nelson	7	0.8%	2	0.3%
106	113	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>4368</b>	<b>3962</b>	<b>Central</b>	<b>32</b>	<b>0.7%</b>	<b>15</b>	<b>0.4%</b>
77	58	Greymouth	1	1.3%	0	0.0%
135	102	Westport/Buller	0	0.0%	0	0.0%
2018	1882	Christchurch	5	0.2%	3	0.2%
30	16	Ashburton	0	0.0%	0	0.0%
95	136	Timaru	0	0.0%	1	0.7%
808	765	Dunedin	2	0.2%	0	0.0%
368	287	Invercargill/Gore/Wyndham	2	0.5%	6	2.1%
<b>3531</b>	<b>3246</b>	<b>South</b>	<b>10</b>	<b>0.3%</b>	<b>10</b>	<b>0.3%</b>
<b>21024</b>	<b>20099</b>	<b>Total</b>	<b>209</b>	<b>0.9%</b>	<b>157</b>	<b>0.8%</b>

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

<sup>2</sup> Rate = total no. cases/total no. clinic visits, expressed as a percentage.

Clinic visit rates may be unreliable where fewer than five cases were reported.

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 7. Genital herpes – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011**

<b>Total Clinic Visits<sup>1</sup></b>			<b>2010 Total</b>		<b>2011 Total</b>	
<b>2010</b>	<b>2011</b>	<b>Clinic</b>	<b>No.</b>	<b>Rate<sup>2</sup></b>	<b>No.</b>	<b>Rate<sup>2</sup></b>
690	743	Whangarei	3	0.4%	8	1.1%
130	142	Dargaville	0	0.0%	0	0.0%
110	107	Kaikohe	0	0.0%	0	0.0%
5012	4814	Auckland	39	0.8%	49	1.0%
<b>5942</b>	<b>5806</b>	<b>North</b>	<b>42</b>	<b>0.7%</b>	<b>57</b>	<b>1.0%</b>
2076	1969	Hamilton	24	1.2%	19	1.0%
2306	1914	Tauranga	19	0.8%	20	1.0%
200	257	Rotorua	1	0.5%	1	0.4%
469	483	Whakatane	0	0.0%	3	0.6%
1157	1119	Taupo	3	0.3%	4	0.4%
524	778	New Plymouth	13	2.5%	20	2.6%
451	565	Gisborne	0	0.0%	0	0.0%
<b>7183</b>	<b>7085</b>	<b>Midland</b>	<b>60</b>	<b>0.8%</b>	<b>67</b>	<b>0.9%</b>
285	300	Napier	4	1.4%	3	1.0%
144	161	Hastings	2	1.4%	0	0.0%
181	254	Wanganui	6	3.3%	1	0.4%
932	710	Palmerston North/Levin/Dannevirke	9	1.0%	13	1.8%
1697	1365	Wellington	13	0.8%	9	0.7%
105	199	Lower Hutt	1	1.0%	2	1.0%
81	67	Porirua	0	0.0%	0	0.0%
837	793	Nelson	5	0.6%	8	1.0%
106	113	Wairau (Blenheim)	2	1.9%	1	0.9%
<b>4368</b>	<b>3962</b>	<b>Central</b>	<b>42</b>	<b>1.0%</b>	<b>37</b>	<b>0.9%</b>
77	58	Greymouth	0	0.0%	3	5.2%
135	102	Westport/Buller	2	1.5%	1	1.0%
2018	1882	Christchurch	25	1.2%	16	0.9%
30	16	Ashburton	0	0.0%	0	0.0%
95	136	Timaru	4	4.2%	6	4.4%
808	765	Dunedin	4	0.5%	18	2.4%
368	287	Invercargill/Gore/Wyndham	13	3.5%	1	0.3%
<b>3531</b>	<b>3246</b>	<b>South</b>	<b>48</b>	<b>1.4%</b>	<b>45</b>	<b>1.4%</b>
<b>21024</b>	<b>20099</b>	<b>Total</b>	<b>192</b>	<b>0.9%</b>	<b>206</b>	<b>1.0%</b>

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

<sup>2</sup> Rate = total no. cases/total no. clinic visits, expressed as a percentage.

Clinic visit rates may be unreliable where fewer than five cases were reported.

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 8. Genital warts – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011**

<u>Total Clinic Visits<sup>1</sup></u>			<u>2010 Total</u>		<u>2011 Total</u>	
<u>2010</u>	<u>2011</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
690	743	Whangarei	16	2.3%	14	1.9%
130	142	Dargaville	0	0.0%	0	0.0%
110	107	Kaikohe	1	0.9%	1	0.9%
5012	4814	Auckland	210	4.2%	172	3.6%
<b>5942</b>	<b>5806</b>	<b>North</b>	<b>227</b>	<b>3.8%</b>	<b>187</b>	<b>3.2%</b>
2076	1969	Hamilton	81	3.9%	55	2.8%
2306	1914	Tauranga	56	2.4%	48	2.5%
200	257	Rotorua	7	3.5%	9	3.5%
469	483	Whakatane	8	1.7%	6	1.2%
1157	1119	Taupo	5	0.4%	5	0.4%
524	778	New Plymouth	12	2.3%	32	4.1%
451	565	Gisborne	0	0.0%	0	0.0%
<b>7183</b>	<b>7085</b>	<b>Midland</b>	<b>169</b>	<b>2.4%</b>	<b>155</b>	<b>2.2%</b>
285	300	Napier	19	6.7%	1	0.3%
144	161	Hastings	8	5.6%	5	3.1%
181	254	Wanganui	3	1.7%	4	1.6%
932	710	Palmerston North/Levin/Dannevirke	19	2.0%	20	2.8%
1697	1365	Wellington	42	2.5%	55	4.0%
105	199	Lower Hutt	1	1.0%	9	4.5%
81	67	Porirua	7	8.6%	1	1.5%
837	793	Nelson	29	3.5%	25	3.2%
106	113	Wairau (Blenheim)	9	8.5%	8	7.1%
<b>4368</b>	<b>3962</b>	<b>Central</b>	<b>137</b>	<b>3.1%</b>	<b>128</b>	<b>3.2%</b>
77	58	Greymouth	1	1.3%	3	5.2%
135	102	Westport/Buller	5	3.7%	6	5.9%
2018	1882	Christchurch	63	3.1%	42	2.2%
30	16	Ashburton	3	10.0%	8	50.0%
95	136	Timaru	4	4.2%	0	0.0%
808	765	Dunedin	32	4.0%	26	3.4%
368	287	Invercargill/Gore/Wyndham	15	4.1%	12	4.2%
<b>3531</b>	<b>3246</b>	<b>South</b>	<b>123</b>	<b>3.5%</b>	<b>97</b>	<b>3.0%</b>
<b>21024</b>	<b>20099</b>	<b>Total</b>	<b>656</b>	<b>3.1%</b>	<b>567</b>	<b>2.8%</b>

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

<sup>2</sup> Rate = total no. cases/total no. clinic visits, expressed as a percentage.

Clinic visit rates may be unreliable where fewer than five cases were reported.

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 9. Syphilis – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011**

<u>Total Clinic Visits<sup>1</sup></u>			<u>2010 Total</u>		<u>2011 Total</u>	
<u>2010</u>	<u>2011</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate<sup>2</sup></u>	<u>No.</u>	<u>Rate<sup>2</sup></u>
690	743	Whangarei	0	0.0%	0	0.0%
130	142	Dargaville	0	0.0%	0	0.0%
110	107	Kaikohe	0	0.0%	0	0.0%
5012	4814	Auckland	13	0.3%	10	0.2%
<b>5942</b>	<b>5806</b>	<b>North</b>	<b>13</b>	<b>0.2%</b>	<b>10</b>	<b>0.2%</b>
2076	1969	Hamilton	1	0.0%	0	0.0%
2306	1914	Tauranga	0	0.0%	3	0.2%
200	257	Rotorua	1	0.5%	0	0.0%
469	483	Whakatane	0	0.0%	0	0.0%
1157	1119	Taupo	0	0.0%	0	0.0%
524	778	New Plymouth	0	0.0%	1	0.1%
451	565	Gisborne	0	0.0%	0	0.0%
<b>7183</b>	<b>7085</b>	<b>Midland</b>	<b>2</b>	<b>0.0%</b>	<b>4</b>	<b>0.1%</b>
285	300	Napier	0	0.0%	0	0.0%
144	161	Hastings	0	0.0%	0	0.0%
181	254	Wanganui	0	0.0%	0	0.0%
932	710	Palmerston North/Levin/Dannevirke	1	0.1%	1	0.1%
1697	1365	Wellington	3	0.2%	1	0.1%
105	199	Lower Hutt	0	0.0%	0	0.0%
81	67	Porirua	0	0.0%	0	0.0%
837	793	Nelson	1	0.1%	1	0.1%
106	113	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>4368</b>	<b>3962</b>	<b>Central</b>	<b>5</b>	<b>0.1%</b>	<b>3</b>	<b>0.1%</b>
77	58	Greymouth	0	0.0%	0	0.0%
135	102	Westport/Buller	0	0.0%	0	0.0%
2018	1882	Christchurch	1	0.0%	0	0.0%
30	16	Ashburton	0	0.0%	0	0.0%
95	136	Timaru	0	0.0%	0	0.0%
808	765	Dunedin	0	0.0%	0	0.0%
368	287	Invercargill/Gore/Wyndham	0	0.0%	0	0.0%
<b>3531</b>	<b>3246</b>	<b>South</b>	<b>1</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>
<b>21024</b>	<b>20099</b>	<b>Total</b>	<b>21</b>	<b>0.1%</b>	<b>17</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, expressed as a percentage.

Clinic visit rates may be unreliable where fewer than five cases were reported.

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 10. NSU (males only) – number of cases and clinic visit rates at SHCs, October to December 2010 and 2011**

<b><u>Total Clinic Visits for males<sup>1</sup></u></b>			<b><u>2010 Total</u></b>		<b><u>2011 Total</u></b>	
<b><u>2010</u></b>	<b><u>2011</u></b>	<b><u>Clinic</u></b>	<b><u>No.</u></b>	<b><u>Rate<sup>2</sup></u></b>	<b><u>No.</u></b>	<b><u>Rate<sup>2</sup></u></b>
247	218	Whangarei	0	0.0%	0	0.0%
7	2	Dargaville	0	0.0%	0	0.0%
10	6	Kaikohe	0	0.0%	0	0.0%
2445	2243	Auckland	94	3.8%	79	3.5%
<b>2709</b>	<b>2469</b>	<b>North</b>	<b>94</b>	<b>3.5%</b>	<b>79</b>	<b>3.2%</b>
827	820	Hamilton	22	2.7%	11	1.3%
467	491	Tauranga	18	3.9%	14	2.9%
98	134	Rotorua	0	0.0%	0	0.0%
72	71	Whakatane	2	2.8%	4	5.6%
111	100	Taupo	0	0.0%	0	0.0%
224	313	New Plymouth	8	3.6%	2	0.6%
71	101	Gisborne	0	0.0%	0	0.0%
<b>1870</b>	<b>2030</b>	<b>Midland</b>	<b>50</b>	<b>2.7%</b>	<b>31</b>	<b>1.5%</b>
71	67	Napier	0	0.0%	0	0.0%
27	25	Hastings	0	0.0%	0	0.0%
69	77	Wanganui	0	0.0%	0	0.0%
434	311	Palmerston North/Levin/Dannevirke	10	2.3%	6	1.9%
928	747	Wellington	11	1.2%	23	3.1%
49	91	Lower Hutt	1	2.0%	0	0.0%
43	29	Porirua	0	0.0%	0	0.0%
311	309	Nelson	2	0.6%	3	1.0%
57	75	Wairau (Blenheim)	0	0.0%	0	0.0%
<b>1989</b>	<b>1731</b>	<b>Central</b>	<b>24</b>	<b>1.2%</b>	<b>32</b>	<b>1.8%</b>
32	21	Greymouth	0	0.0%	0	0.0%
60	31	Westport/Buller	1	1.7%	1	3.2%
1027	975	Christchurch	8	0.8%	20	2.1%
21	2	Ashburton	0	0.0%	0	0.0%
48	61	Timaru	0	0.0%	0	0.0%
283	289	Dunedin	0	0.0%	2	0.7%
180	161	Invercargill/Gore/Wyndham	8	4.4%	0	0.0%
<b>1651</b>	<b>1540</b>	<b>South</b>	<b>17</b>	<b>1.0%</b>	<b>23</b>	<b>1.5%</b>
<b>8219</b>	<b>7770</b>	<b>Total</b>	<b>185</b>	<b>2.3%</b>	<b>165</b>	<b>2.1%</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, expressed as a percentage.

Clinic visit rates may be unreliable where fewer than five cases were reported.

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 11. Number of cases and clinic visit rates<sup>1</sup> for each STI by age, sex and ethnicity at SHCs, October to December 2011**

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
<b><u>Chlamydia</u></b>											
<b>Males</b>	European/Pakeha	0	30	88	51	22	23	10	24	0	<b>248</b>
		0.0	7.6	8.2	5.1	3.7	4.4	2.3	2.3	0.0	<b>4.9</b>
	Māori	2	43	57	25	10	2	5	1	0	<b>145</b>
		28.6	17.3	18.2	14.0	5.9	1.9	8.8	1.2	0.0	<b>12.5</b>
	Pacific Peoples	0	20	24	12	4	6	0	2	0	<b>68</b>
		0.0	39.2	24.5	13.5	8.2	12.0	0.0	11.8	-	<b>18.5</b>
	Other	0	2	17	14	4	2	3	2	0	<b>44</b>
		0.0	7.7	9.7	6.0	2.2	1.9	3.2	1.5	-	<b>4.7</b>
	Unknown	0	1	9	2	3	1	3	1	0	<b>20</b>
		0.0	14.3	15.5	3.9	8.6	3.1	12.0	3.3	-	<b>8.4</b>
	<b>Total</b>	<b><u>2</u></b>	<b><u>96</u></b>	<b><u>195</u></b>	<b><u>104</u></b>	<b><u>43</u></b>	<b><u>34</u></b>	<b><u>21</u></b>	<b><u>30</u></b>	<b><u>0</u></b>	<b><u>525</u></b>
	<b><u>15.4</u></b>	<b><u>13.2</u></b>	<b><u>11.3</u></b>	<b><u>6.7</u></b>	<b><u>4.2</u></b>	<b><u>4.2</u></b>	<b><u>3.4</u></b>	<b><u>2.3</u></b>	<b><u>0.0</u></b>	<b><u>6.8</u></b>	
<b>Females</b>	European/Pakeha	0	86	84	30	18	8	1	1	0	<b>228</b>
		0.0	4.5	4.4	2.8	2.7	1.4	0.3	0.2	0.0	<b>3.3</b>
	Māori	11	146	101	40	17	15	3	2	0	<b>335</b>
		9.2	12.2	10.4	8.0	5.6	8.0	2.4	1.7	0.0	<b>9.4</b>
	Pacific Peoples	0	17	27	13	3	2	1	1	0	<b>64</b>
		0.0	12.6	15.0	11.4	7.1	6.9	6.3	4.3	-	<b>11.8</b>
	Other	0	5	6	2	4	1	0	1	0	<b>19</b>
		0.0	4.9	2.3	0.9	3.1	1.5	0.0	1.0	-	<b>1.9</b>
	Unknown	0	1	1	1	2	0	0	0	0	<b>5</b>
		0.0	2.8	1.4	1.9	5.0	0.0	0.0	0.0	-	<b>2.0</b>
	<b>Total</b>	<b><u>11</u></b>	<b><u>255</u></b>	<b><u>219</u></b>	<b><u>86</u></b>	<b><u>44</u></b>	<b><u>26</u></b>	<b><u>5</u></b>	<b><u>5</u></b>	<b><u>0</u></b>	<b><u>651</u></b>
	<b><u>5.2</u></b>	<b><u>7.6</u></b>	<b><u>6.4</u></b>	<b><u>4.3</u></b>	<b><u>3.8</u></b>	<b><u>3.0</u></b>	<b><u>0.9</u></b>	<b><u>0.7</u></b>	<b><u>0.0</u></b>	<b><u>5.3</u></b>	
<b><u>Gonorrhoea</u></b>											
<b>Males</b>	European/Pakeha	0	2	10	16	8	3	4	5	0	<b>48</b>
		0.0	0.5	0.9	1.6	1.4	0.6	0.9	0.5	0.0	<b>0.9</b>
	Māori	0	6	10	4	0	0	2	0	0	<b>22</b>
		0.0	2.4	3.2	2.2	0.0	0.0	3.5	0.0	0.0	<b>1.9</b>
	Pacific Peoples	0	2	9	5	1	1	0	0	0	<b>18</b>
		0.0	3.9	9.2	5.6	2.0	2.0	0.0	0.0	-	<b>4.9</b>
	Other	0	0	7	2	0	1	1	1	0	<b>12</b>
		0.0	0.0	4.0	0.9	0.0	0.9	1.1	0.7	-	<b>1.3</b>
	Unknown	0	1	0	1	0	1	1	1	0	<b>5</b>
		0.0	14.3	0.0	2.0	0.0	3.1	4.0	3.3	-	<b>2.1</b>
	<b>Total</b>	<b><u>0</u></b>	<b><u>11</u></b>	<b><u>36</u></b>	<b><u>28</u></b>	<b><u>9</u></b>	<b><u>6</u></b>	<b><u>8</u></b>	<b><u>7</u></b>	<b><u>0</u></b>	<b><u>105</u></b>
	<b><u>0.0</u></b>	<b><u>1.5</u></b>	<b><u>2.1</u></b>	<b><u>1.8</u></b>	<b><u>0.9</u></b>	<b><u>0.7</u></b>	<b><u>1.3</u></b>	<b><u>0.5</u></b>	<b><u>0.0</u></b>	<b><u>1.4</u></b>	
<b>Females</b>	European/Pakeha	0	3	5	2	2	0	0	0	0	<b>12</b>
		0.0	0.2	0.3	0.2	0.3	0.0	0.0	0.0	0.0	<b>0.2</b>
	Māori	2	11	11	4	2	1	1	0	0	<b>32</b>
		1.7	0.9	1.1	0.8	0.7	0.5	0.8	0.0	0.0	<b>0.9</b>
	Pacific Peoples	0	1	3	0	0	0	0	0	0	<b>4</b>
		0.0	0.7	1.7	0.0	0.0	0.0	0.0	0.0	-	<b>0.7</b>
	Other	0	0	0	0	0	1	1	0	0	<b>2</b>
		0.0	0.0	0.0	0.0	0.0	1.5	1.3	0.0	-	<b>0.2</b>
	Unknown	0	0	1	0	1	0	0	0	0	<b>2</b>
		0.0	0.0	1.4	0.0	2.5	0.0	0.0	0.0	-	<b>0.8</b>
	<b>Total</b>	<b><u>2</u></b>	<b><u>15</u></b>	<b><u>20</u></b>	<b><u>6</u></b>	<b><u>5</u></b>	<b><u>2</u></b>	<b><u>2</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>52</u></b>
	<b><u>1.0</u></b>	<b><u>0.4</u></b>	<b><u>0.6</u></b>	<b><u>0.3</u></b>	<b><u>0.4</u></b>	<b><u>0.2</u></b>	<b><u>0.4</u></b>	<b><u>0.0</u></b>	<b><u>0.0</u></b>	<b><u>0.4</u></b>	

<sup>1</sup> Rate = total no. of cases/total no. of clinic visits, expressed as a percentage.  
Clinic visit rates may be unreliable where fewer than five cases were reported.

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
<b><u>Genital Herpes (first presentation)</u></b>											
<b>Males</b>	European/Pakeha	0	1	18	10	10	12	3	11	0	<b>65</b>
		0.0	0.3	1.7	1.0	1.7	2.3	0.7	1.1	0.0	<b>1.3</b>
	Māori	0	3	4	2	0	0	1	1	0	<b>11</b>
		0.0	1.2	1.3	1.1	0.0	0.0	1.8	1.2	0.0	<b>0.9</b>
	Pacific Peoples	0	0	1	0	0	1	0	0	0	<b>2</b>
		0.0	0.0	1.0	0.0	0.0	2.0	0.0	0.0	-	<b>0.5</b>
	Other	0	0	3	0	2	0	1	1	0	<b>7</b>
		0.0	0.0	1.7	0.0	1.1	0.0	1.1	0.7	-	<b>0.7</b>
	Unknown	0	0	0	0	0	0	0	1	0	<b>1</b>
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	-	<b>0.4</b>
<b>Total</b>		<b><u>0</u></b>	<b><u>4</u></b>	<b><u>26</u></b>	<b><u>12</u></b>	<b><u>12</u></b>	<b><u>13</u></b>	<b><u>5</u></b>	<b><u>14</u></b>	<b><u>0</u></b>	<b><u>86</u></b>
		<b><u>0.0</u></b>	<b><u>0.5</u></b>	<b><u>1.5</u></b>	<b><u>0.8</u></b>	<b><u>1.2</u></b>	<b><u>1.6</u></b>	<b><u>0.8</u></b>	<b><u>1.1</u></b>	<b><u>0.0</u></b>	<b><u>1.1</u></b>
<b>Females</b>	European/Pakeha	1	20	33	7	5	7	6	6	0	<b>85</b>
		1.2	1.1	1.7	0.6	0.8	1.2	2.0	1.2	0.0	<b>1.2</b>
	Māori	0	5	10	3	1	1	0	0	0	<b>20</b>
		0.0	0.4	1.0	0.6	0.3	0.5	0.0	0.0	0.0	<b>0.6</b>
	Pacific Peoples	0	0	1	0	0	0	0	0	0	<b>1</b>
		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	-	<b>0.2</b>
	Other	0	0	5	3	0	1	1	0	0	<b>10</b>
		0.0	0.0	1.9	1.3	0.0	1.5	1.3	0.0	-	<b>1.0</b>
	Unknown	0	0	1	1	0	0	0	2	0	<b>4</b>
		0.0	0.0	1.4	1.9	0.0	0.0	0.0	6.5	-	<b>1.6</b>
<b>Total</b>		<b><u>1</u></b>	<b><u>25</u></b>	<b><u>50</u></b>	<b><u>14</u></b>	<b><u>6</u></b>	<b><u>9</u></b>	<b><u>7</u></b>	<b><u>8</u></b>	<b><u>0</u></b>	<b><u>120</u></b>
		<b><u>0.5</u></b>	<b><u>0.7</u></b>	<b><u>1.5</u></b>	<b><u>0.7</u></b>	<b><u>0.5</u></b>	<b><u>1.0</u></b>	<b><u>1.3</u></b>	<b><u>1.1</u></b>	<b><u>0.0</u></b>	<b><u>1.0</u></b>
<b><u>Genital Warts (first presentation)</u></b>											
<b>Males</b>	European/Pakeha	0	12	77	62	34	24	15	23	0	<b>247</b>
		0.0	3.0	7.1	6.3	5.7	4.6	3.5	2.2	0.0	<b>4.9</b>
	Māori	0	2	15	9	1	4	2	3	0	<b>36</b>
		0.0	0.8	4.8	5.1	0.6	3.8	3.5	3.6	0.0	<b>3.1</b>
	Pacific Peoples	0	0	4	4	3	1	0	0	0	<b>12</b>
		0.0	0.0	4.1	4.5	6.1	2.0	0.0	0.0	-	<b>3.3</b>
	Other	0	2	8	7	5	2	0	0	0	<b>24</b>
		0.0	7.7	4.6	3.0	2.8	1.9	0.0	0.0	-	<b>2.5</b>
	Unknown	0	0	1	2	2	2	1	1	0	<b>9</b>
		0.0	0.0	1.7	3.9	5.7	6.3	4.0	3.3	-	<b>3.8</b>
<b>Total</b>		<b><u>0</u></b>	<b><u>16</u></b>	<b><u>105</u></b>	<b><u>84</u></b>	<b><u>45</u></b>	<b><u>33</u></b>	<b><u>18</u></b>	<b><u>27</u></b>	<b><u>0</u></b>	<b><u>328</u></b>
		<b><u>0.0</u></b>	<b><u>2.2</u></b>	<b><u>6.1</u></b>	<b><u>5.4</u></b>	<b><u>4.4</u></b>	<b><u>4.1</u></b>	<b><u>2.9</u></b>	<b><u>2.1</u></b>	<b><u>0.0</u></b>	<b><u>4.2</u></b>
<b>Females</b>	European/Pakeha	0	40	46	33	9	10	6	8	0	<b>152</b>
		0.0	2.1	2.4	3.0	1.4	1.7	2.0	1.7	0.0	<b>2.2</b>
	Māori	3	9	14	11	3	3	2	1	0	<b>46</b>
		2.5	0.8	1.4	2.2	1.0	1.6	1.6	0.9	0.0	<b>1.3</b>
	Pacific Peoples	0	4	4	0	0	0	1	0	0	<b>9</b>
		0.0	3.0	2.2	0.0	0.0	0.0	6.3	0.0	-	<b>1.7</b>
	Other	1	1	7	3	3	3	1	2	0	<b>21</b>
		20.0	1.0	2.6	1.3	2.3	4.5	1.3	1.9	-	<b>2.1</b>
	Unknown	0	3	3	3	1	0	0	1	0	<b>11</b>
		0.0	8.3	4.3	5.8	2.5	0.0	0.0	3.2	-	<b>4.4</b>
<b>Total</b>		<b><u>4</u></b>	<b><u>57</u></b>	<b><u>74</u></b>	<b><u>50</u></b>	<b><u>16</u></b>	<b><u>16</u></b>	<b><u>10</u></b>	<b><u>12</u></b>	<b><u>0</u></b>	<b><u>239</u></b>
		<b><u>1.9</u></b>	<b><u>1.7</u></b>	<b><u>2.2</u></b>	<b><u>2.5</u></b>	<b><u>1.4</u></b>	<b><u>1.8</u></b>	<b><u>1.9</u></b>	<b><u>1.6</u></b>	<b><u>0.0</u></b>	<b><u>1.9</u></b>

<sup>1</sup> Rate = total no. of cases/total no. of clinic visits, expressed as a percentage.  
Clinic visit rates may be unreliable where fewer than five cases were reported.

		Age group (years)									
		<u>&lt;15</u>	<u>15-19</u>	<u>20-24</u>	<u>25-29</u>	<u>30-34</u>	<u>35-39</u>	<u>40-44</u>	<u>&gt;44</u>	<u>Unk</u>	<u>Total</u>
<u>Syphilis</u>											
Males	European/Pakeha	0	0	2	1	1	0	1	6	0	11
		0.0	0.0	0.2	0.1	0.2	0.0	0.2	0.6	0.0	0.2
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	-	0.3
	Other	0	0	0	2	0	0	1	0	0	3
		0.0	0.0	0.0	0.9	0.0	0.0	1.1	0.0	-	0.3
	Unknown	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	-	0.4
	Total	<u>0</u>	<u>0</u>	<u>2</u>	<u>4</u>	<u>2</u>	<u>0</u>	<u>2</u>	<u>6</u>	<u>0</u>	<u>16</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	<u>0.3</u>	<u>0.2</u>	<u>0.0</u>	<u>0.4</u>	<u>0.5</u>	<u>0.0</u>	<u>0.2</u>
Females	Other	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	-	0.1
	Total	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>
	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.8</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	
<u>NSU (Males Only)</u>											
Males	European/Pakeha	0	7	20	34	7	6	12	21	0	107
		0.0	1.8	1.9	3.4	1.2	1.2	2.8	2.0	0.0	2.1
	Māori	0	3	1	5	1	3	1	3	0	17
		0.0	1.2	0.3	2.8	0.6	2.9	1.8	3.6	0.0	1.5
	Pacific Peoples	0	2	1	1	0	4	0	0	0	8
		0.0	3.9	1.0	1.1	0.0	8.0	0.0	0.0	-	2.2
	Other	0	0	6	10	6	3	1	0	0	26
		0.0	0.0	3.4	4.3	3.3	2.8	1.1	0.0	-	2.7
	Unknown	0	0	2	2	1	0	1	1	0	7
		0.0	0.0	3.4	3.9	2.9	0.0	4.0	3.3	-	2.9
	Total	<u>0</u>	<u>12</u>	<u>30</u>	<u>52</u>	<u>15</u>	<u>16</u>	<u>15</u>	<u>25</u>	<u>0</u>	<u>165</u>
	<u>0.0</u>	<u>1.6</u>	<u>1.7</u>	<u>3.4</u>	<u>1.5</u>	<u>2.0</u>	<u>2.4</u>	<u>1.9</u>	<u>0.0</u>	<u>2.1</u>	

<sup>1</sup> Rate = total no. of cases/total no. of clinic visits, expressed as a percentage.  
Clinic visit rates may be unreliable where fewer than five cases were reported.

## Family planning clinic data

**Table 12. Number of cases and clinic visit rates<sup>1</sup> for each STI by age, sex and ethnicity at FPCs, October to December 2011**

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
<u>Chlamydia</u>											
Males	European/Pakeha	0	20	24	7	1	1	1	1	0	55
		0.0	5.1	6.5	4.3	1.1	1.2	1.5	1.7	-	4.4
	Māori	0	19	11	3	0	1	0	0	0	34
		0.0	14.3	10.2	15.8	0.0	12.5	0.0	0.0	-	11.4
	Pacific Peoples	0	2	6	0	0	0	0	0	0	8
		0.0	7.1	15.0	0.0	0.0	0.0	0.0	0.0	-	8.4
	Other	0	1	0	0	0	0	0	0	0	1
		0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.3
	Unknown	0	3	0	0	1	0	0	0	0	4
		0.0	4.8	0.0	0.0	5.6	0.0	0.0	0.0	0.0	2.6
	Total	0	45	41	10	2	2	1	1	0	102
		0.0	7.1	7.3	4.4	1.4	1.8	1.2	1.3	0.0	5.5
Females	European/Pakeha	7	125	109	25	9	7	1	3	0	286
		2.0	1.4	1.2	0.6	0.4	0.4	0.1	0.2	-	1.0
	Māori	4	114	70	13	9	3	0	2	0	215
		1.9	4.7	3.7	1.5	1.8	1.0	0.0	1.6	-	3.3
	Pacific Peoples	3	25	25	7	4	0	0	0	0	64
		7.5	4.4	4.1	2.5	2.0	0.0	0.0	0.0	-	3.3
	Other	0	7	5	3	0	0	0	0	0	15
		0.0	1.3	0.7	0.5	0.0	0.0	0.0	0.0	-	0.5
	Unknown	0	10	11	1	2	0	0	0	0	24
		0.0	1.7	1.8	0.3	0.7	0.0	0.0	0.0	0.0	0.9
	Total	14	281	220	49	24	10	1	5	0	604
		2.1	2.2	1.7	0.8	0.6	0.4	0.0	0.2	0.0	1.4
<u>Gonorrhoea</u>											
Males	European/Pakeha	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	-	0.1
	Māori	0	1	3	1	0	1	0	0	0	6
		0.0	0.8	2.8	5.3	0.0	12.5	0.0	0.0	-	2.0
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	-	1.1
	Unknown	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.7
	Total	0	1	4	2	1	1	0	0	0	9
		0.0	0.2	0.7	0.9	0.7	1.0	0.0	0.0	0.0	0.5
Females	European/Pakeha	0	2	5	1	0	1	0	0	0	9
		0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	-	0.0
	Māori	0	10	4	0	1	1	0	0	0	16
		0.0	0.4	0.2	0.0	0.2	0.3	0.0	0.0	-	0.2
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	14	9	1	1	2	0	0	0	27
		0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1

<sup>1</sup> Rate = total no. of cases/total no. of clinic visits, expressed as a percentage.  
Clinic visit rates may be unreliable where fewer than five cases were reported.

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
<b><u>Genital Herpes (first presentation)</u></b>											
<b>Males</b>	European/Pakeha	0	2	3	1	0	0	0	0	0	6
		0.0	0.5	0.8	0.6	0.0	0.0	0.0	0.0	-	0.5
	Māori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	-	0.3
	Other	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	-	1.3
<b>Total</b>		<u>0</u>	<u>2</u>	<u>4</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>8</u>
		<u>0.0</u>	<u>0.4</u>	<u>0.8</u>	<u>0.5</u>	<u>0.9</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.5</u>
<b>Females</b>	European/Pakeha	0	9	10	4	2	0	3	1	0	29
		0.0	0.1	0.1	0.1	0.1	0.0	0.2	0.1	-	0.1
	Māori	0	1	4	0	0	0	0	0	0	5
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	-	0.1
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	0	0	1	1	0	0	0	0	2
		0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.1
<b>Total</b>		<u>0</u>	<u>11</u>	<u>14</u>	<u>5</u>	<u>3</u>	<u>0</u>	<u>3</u>	<u>1</u>	<u>0</u>	<u>37</u>
		<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.2</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>
<b><u>Genital Warts (first presentation)</u></b>											
<b>Males</b>	European/Pakeha	0	3	5	5	3	0	0	0	0	16
		0.0	0.8	1.4	3.1	3.3	0.0	0.0	0.0	-	1.3
	Unknown	0	1	1	0	0	0	0	1	0	3
		0.0	1.6	3.1	0.0	0.0	0.0	0.0	14.3	0.0	2.0
<b>Total</b>		<u>0</u>	<u>4</u>	<u>6</u>	<u>5</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>19</u>
		<u>0.0</u>	<u>0.9</u>	<u>1.5</u>	<u>2.8</u>	<u>2.7</u>	<u>0.0</u>	<u>0.0</u>	<u>1.5</u>	<u>0.0</u>	<u>1.4</u>
<b>Females</b>	European/Pakeha	0	10	9	5	2	0	0	0	0	26
		0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	-	0.1
	Māori	0	1	4	1	1	0	0	0	0	7
		0.0	0.0	0.2	0.1	0.2	0.0	0.0	0.0	-	0.1
	Pacific Peoples	0	1	0	1	0	0	0	0	0	2
		0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	-	0.1
	Other	0	1	1	0	0	0	0	0	0	2
		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
<b>Total</b>		<u>0</u>	<u>13</u>	<u>15</u>	<u>7</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>39</u>
		<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>
<b><u>NSU (Males Only)</u></b>											
<b>Males</b>	European/Pakeha	0	1	0	1	0	0	0	1	0	3
		0.0	0.3	0.0	0.6	0.0	0.0	0.0	1.7	-	0.2
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	-	1.1
	Unknown	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.7
<b>Total</b>		<u>0</u>	<u>1</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>5</u>
		<u>0.0</u>	<u>0.2</u>	<u>0.2</u>	<u>1.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>1.5</u>	<u>0.0</u>	<u>0.3</u>

<sup>1</sup> Rate = total no. of cases/total no. of clinic visits, expressed as a percentage.  
Clinic visit rates may be unreliable where fewer than five cases were reported.

## Student and youth health clinic data

**Table 13. Number of cases and clinic visit rates<sup>1</sup> for each STI by age, sex and ethnicity at SYHCs, October to December 2011**

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk <sup>2</sup>	Total
<b><i>Chlamydia</i></b>											
<b>Males</b>	European/Pakeha	0	7	19	2	0	1	0	0	0	29
		0.0	0.8	0.7	0.3	0.0	0.7	0.0	0.0	0.0	0.6
	Māori	0	9	6	1	0	0	0	0	0	16
		0.0	5.8	1.3	0.9	0.0	0.0	0.0	0.0	-	1.6
	Pacific Peoples	0	3	1	0	0	0	0	0	0	4
		0.0	8.1	0.8	0.0	0.0	0.0	0.0	0.0	-	1.3
	Other	0	0	2	1	1	0	0	0	0	4
		0.0	0.0	0.1	0.2	0.3	0.0	0.0	0.0	-	0.1
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>0</b>	<b>20</b>	<b>28</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>54</b>	
	<b>0.0</b>	<b>1.4</b>	<b>0.6</b>	<b>0.3</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	
<b>Females</b>	European/Pakeha	2	27	55	5	2	1	0	0	0	92
		6.1	0.9	0.6	0.4	0.4	0.4	0.0	0.0	0.0	0.7
	Māori	0	50	13	3	0	0	0	0	0	66
		0.0	7.6	1.0	0.8	0.0	0.0	0.0	0.0	0.0	2.3
	Pacific Peoples	0	1	3	1	0	0	1	0	0	6
		0.0	0.8	0.8	1.6	0.0	0.0	2.5	0.0	0.0	0.8
	Other	0	1	3	0	2	1	0	0	0	7
		0.0	0.1	0.1	0.0	0.4	0.5	0.0	0.0	0.0	0.1
	<b>Total</b>	<b>2</b>	<b>79</b>	<b>74</b>	<b>9</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>171</b>
		<b>1.6</b>	<b>1.7</b>	<b>0.6</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.7</b>
<b><i>Gonorrhoea</i></b>											
<b>Males</b>	Māori	0	1	0	0	2	0	0	0	0	3
		0.0	0.6	0.0	0.0	6.1	0.0	0.0	0.0	-	0.3
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
	<b>0.0</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>6.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	
<b>Females</b>	European/Pakeha	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Māori	0	1	1	0	0	0	0	0	0	2
		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>Total</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

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

<sup>2</sup> Rates only calculated for known age groups due to data limitations.

Clinic visit rates may be unreliable where fewer than five cases were reported.

**Genital Herpes (first presentation)**

<b>Males</b>	European/Pakeha	0	1	7	1	0	0	0	0	0	<b>9</b>
		0.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	<b>0.2</b>
	Other	0	0	0	0	0	1	0	0	0	<b>1</b>
		0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	-	<b>0.0</b>
<b>Total</b>		<b>0</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>
<b>Females</b>	European/Pakeha	0	2	8	0	0	0	0	0	0	<b>10</b>
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.1</b>
	Māori	0	1	0	0	0	0	0	0	0	<b>1</b>
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
	Other	0	0	1	0	0	0	0	0	0	<b>1</b>
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
	Unknown	0	0	2	0	0	0	0	0	0	<b>2</b>
		0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
<b>Total</b>		<b>0</b>	<b>3</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>14</b>
		<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**Genital Warts (first presentation)**

<b>Males</b>	European/Pakeha	0	0	1	0	0	0	0	2	<b>3</b>
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	<b>0.1</b>
	Māori	0	0	2	0	0	0	0	0	<b>2</b>
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	-	<b>0.2</b>
	Unknown	0	0	1	0	0	0	0	0	<b>1</b>
		0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
<b>Total</b>		<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Females</b>	European/Pakeha	0	4	7	0	0	0	0	1	<b>12</b>
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	11.1	<b>0.1</b>
	Māori	0	0	1	0	0	0	0	1	<b>2</b>
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	25.0	<b>0.1</b>
	Pacific Peoples	0	0	1	0	0	0	0	0	<b>1</b>
		0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	<b>0.1</b>
	Other	0	0	2	0	0	0	0	1	<b>3</b>
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	5.3	<b>0.1</b>
<b>Total</b>		<b>0</b>	<b>4</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>18</b>
		<b>0.0</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>9.1</b>	<b>0.1</b>

**NSU (Males Only)**

<b>Males</b>	European/Pakeha	0	0	2	0	0	0	0	0	<b>2</b>
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>
	Māori	0	0	0	0	0	0	0	2	<b>2</b>
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	<b>0.2</b>
<b>Total</b>		<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>
		<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>50.0</b>	<b>0.1</b>

<sup>1</sup> Rate = total no. of cases/total no. of clinic visits, expressed as a percentage.<sup>2</sup> Rates only calculated for known age groups due to data limitations.

Clinic visit rates may be unreliable where fewer than five cases were reported.



## Appendix: STI Surveillance Case Definitions

STI	Case Definition
<b>Chlamydia</b>	<p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> in a clinical specimen. Cases should be classified as:</p> <ol style="list-style-type: none"> <li>1. uncomplicated infection of the lower anogenital* tract (* includes urogenital and anorectal infection)</li> <li>2. pelvic inflammatory disease (PID) or epididymitis</li> <li>3. infection of another site (e.g., 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>• no laboratory confirmation (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 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>• no laboratory confirmation (test negative or test not done).</li> </ul>
<b>Anogenital herpes</b>	First diagnosis for the person at your clinic, with either <ol style="list-style-type: none"> <li>1. laboratory detection of herpes simplex virus from a clinical specimen, <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>	First diagnosis for the person at your clinic, with <u>visible</u> * typical lesion(s) on internal or external genitalia, perineum, or perianal region. * Do not include persons for whom there is <u>only</u> demonstration of human papillomavirus on cervical cytology or other laboratory method.
<b>Syphilis</b>	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.
<b>Non-specific urethritis (NSU) (males only)</b>	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.
<b>Chancroid</b>	<p><i>Confirmed</i> Isolation of <i>Haemophilus ducreyi</i> from a clinical specimen.</p> <p><i>Probable</i> Typical 'shoal of fish' pattern on gram stain of a clinical specimen, where syphilis, granuloma inguinale (GI) and anogenital herpes have been excluded, <b>or</b> A clinically compatible illness in a patient who is a contact of a confirmed case.</p>
<b>Granuloma inguinale (GI)</b>	<p><i>Confirmed</i> Demonstration of intracytoplasmic Donovan bodies on Wright or Giemsa stained smears or biopsies of clinical specimens.</p> <p><i>Probable</i> A clinically compatible illness in a patient who is a contact of a confirmed case.</p>
<b>Lymphogranuloma venereum (LGV)</b>	<p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> serotype L<sub>1</sub>, L<sub>2</sub> or L<sub>3</sub> from a clinical specimen.</p> <p><i>Probable</i> A clinically compatible illness with complement fixation titre of &gt;64 and other causes of ulcerations excluded, <b>or</b> A clinically compatible illness in a person who is a contact of a confirmed case.</p>