

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

July to September 2005

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

by

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

December 2005

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

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. Their provision of STI surveillance data is greatly appreciated.

Members of the STI Surveillance Team at ESR who have contributed to the collection, collation, analysis and reporting of data include Tammy Voice, Dinusha Fernando, Graham MacBride-Stewart, Trev Margolin, Bevan Hambling and Donna Warren.

**This report is also available at www.surv.esr.cri.nz
Ad Hoc STI requests may emailed to survqueries@esr.cri.nz**

Contents

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

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, 37 FPCs and 16 SYHCs participate. In addition to clinic surveillance, laboratory surveillance of gonorrhoea began in the Auckland, Waikato and Bay of Plenty (BOP) regions in 1998. Laboratory surveillance of chlamydia began in the Waikato and BOP regions in 1998 and in the Auckland region in 2001. Since June 2004, efforts have been made to extend STI surveillance to additional laboratories across New Zealand.

Quarterly reports of laboratory-based surveillance are produced separately and are available at www.surv.esr.cri.nz.

All results and analyses are based on data submitted prior to the 2nd December 2005. 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 for the third quarter (July to September) 2005. 2/27 (7.4%) of SHCs were not able to provide data by the date required for all three months in this quarter.

FPCs

Thirty-seven FPCs participate in STI surveillance. All thirty-seven clinics provided STI data by the date required for all three months of the third quarter (July to September) 2005. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

SYHCs

Sixteen SYHCs participate in STI surveillance. Of these, thirteen clinics provided STI data for the third quarter (July to September) 2005. 2/13 (15.4%) of SYHCs were not able to provide data by the date required for all three months in this quarter. It should be noted that some SYHCs based in schools or tertiary institutions may have been closed during holiday periods.

Overview

Sexual Health Clinics (SHCs)

During the current quarter, SHCs reported 18 557 visits. A total of 940 confirmed cases of chlamydia, 122 confirmed cases of gonorrhoea, 153 cases of genital herpes, 764 cases of genital warts, 10 cases of syphilis and 159 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2004 are shown in Table 1.

Family Planning Clinics (FPCs)

During the current quarter, FPCs reported 47 752 visits. A total of 708 confirmed cases of chlamydia, 40 confirmed cases of gonorrhoea, 46 cases of genital herpes, 159 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 2004 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 45 296 visits. A total of 160 confirmed cases of chlamydia, 7 confirmed cases of gonorrhoea, 13 cases of genital herpes and 29 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 2004 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 July to September 2005, compared to the equivalent quarter of 2004.

Clinical setting	STI	July to September 2004		July to September 2005		Rate ² change ³ between quarters
		Total ¹ number of cases	Rate ² (%)	Total ¹ number of cases	Rate ² (%)	
SHCs	Chlamydia	1047	5.3	1117	6.0	▲
	Gonorrhoea	160	0.8	131	0.7	▼
	Genital herpes	180	0.9	153	0.8	▼
	Genital warts	861	4.4	764	4.1	▼
	Syphilis	10	0.1	10	0.1	—
	NSU (Males Only)	198	2.5	159	2.2	▼
FPCs	Chlamydia	450	1.0	786	1.6	▲
	Gonorrhoea	39	0.1	47	0.1	—
	Genital herpes	35	0.1	46	0.1	—
	Genital warts	124	0.3	159	0.3	—
	Syphilis	0	0.0	1	0.0	—
	NSU (Males Only)	4	0.2	4	0.2	—
SYHCs	Chlamydia	117	0.3	163	0.4	▲
	Gonorrhoea	2	0.0	7	0.0	—
	Genital herpes	14	0.0	13	0.0	—
	Genital warts	27	0.1	27	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	1	0.0	1	0.0	—

¹Chlamydia and gonorrhoea totals includes confirmed and probable cases.

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

³ —, no change in rate; ▲, rate increase; ▼, rate decrease. Comparison of crude rates not tested for significance.

All Clinic Data

Table 1.1: Summary - Disease Rate by Clinic Type

Quarter 3 2005

<u>Clinic Type, by area</u>	<u>Total Clinic Visits¹</u>	<u>Chlamydia²</u>	<u>Gonorrhoea²</u>	<u>Genital Herpes[^]</u>	<u>Genital Warts[^]</u>	<u>Syphilis[*]</u>
North						
Sexual Health Clinics	No. 2,455	80	26	16	91	2
	Rate ³	3.3%	1.1%	0.7%	3.7%	0.1%
Family Planning Clinics	No. 21,729	318	14	22	81	1
	Rate ³	1.5%	0.1%	0.1%	0.4%	0.0%
Student & Youth Health	No. 9,590	15	0	4	3	0
	Rate ³	0.2%	0.0%	0.0%	0.0%	0.0%
Subtotal North	33,774	413	40	42	175	3
Midland						
Sexual Health Clinics	No. 6,335	505	56	69	250	3
	Rate ³	8.0%	0.9%	1.1%	3.9%	0.0%
Family Planning Clinics	No. 5,221	180	10	2	10	0
	Rate ³	3.4%	0.2%	0.0%	0.2%	0.0%
Student & Youth Health	No. 13,327	46	3	3	9	0
	Rate ³	0.3%	0.0%	0.0%	0.1%	0.0%
Subtotal Midland	24,883	731	69	74	269	3
Central						
Sexual Health Clinics	No. 5,480	301	31	32	251	4
	Rate ³	5.5%	0.6%	0.6%	4.6%	0.1%
Family Planning Clinics	No. 8,930	160	19	16	30	0
	Rate ³	1.8%	0.2%	0.2%	0.3%	0.0%
Student & Youth Health	No. 6,912	54	0	5	13	0
	Rate ³	0.8%	0.0%	0.1%	0.2%	0.0%
Subtotal Central	21,322	515	50	53	294	4
South						
Sexual Health Clinics	No. 4,287	231	18	36	172	1
	Rate ³	5.4%	0.4%	0.8%	4.0%	0.0%
Family Planning Clinics	No. 11,872	128	4	6	38	0
	Rate ³	1.1%	0.0%	0.1%	0.3%	0.0%
Student & Youth Health	No. 15,467	48	4	1	4	0
	Rate ³	0.3%	0.0%	0.0%	0.0%	0.0%
Subtotal South	31,626	407	26	43	214	1
All						
Sexual Health Clinics	No. 18,557	1,117	131	153	764	10
	Rate.	6.0%	0.7%	0.8%	4.1%	0.1%
Family Planning Clinics	No. 47,752	786	47	46	159	1
	Rate.	1.6%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 45,296	163	7	13	29	0
	Rate.	0.4%	0.0%	0.0%	0.1%	0.0%
Total	No. 111,605	2,066	185	212	952	11
	Rate.	1.9%	0.2%	0.2%	0.9%	0.0%

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

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

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

[^] First presentation at that clinic.

* Infectious syphilis (primary, secondary and early latent)

Table 1.2: Summary - Chlamydia Site of Infection

	<i>Confirmed</i>						<i>Probable</i>		Total³
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		No. ¹	% ²	
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²			No. ¹
Sexual Health Clinics	919	82.3%	21	1.9%	0	0.0%	177	15.8%	1117
Family Planning Clinics	697	88.7%	11	1.4%	0	0.0%	78	9.9%	786
Student & Youth Health Clinics	141	86.5%	18	11.0%	1	0.6%	3	1.8%	163
Total	1757	85.0%	50	2.4%	1	0.0%	258	12.5%	2066

Table 1.3: Summary - Gonorrhoea Site of Infection

	<i>Confirmed</i>							<i>Probable</i>		Total³			
	Uncomplicated infection				PID/epididymitis	Extra-genital infection			No. ¹		% ²		
	Urogenital		Anorectal			Pharynx	Other site						
	No. ¹	% ²	No. ¹	% ²	No. ¹		% ²	No. ¹	% ²	No. ¹			
Sexual Health Clinics	110	81.5%	8	5.9%	3	2.2%	3	2.2%	2	1.5%	9	6.7%	135
Family Planning Clinics	38	80.9%	0	0.0%	2	4.3%	0	0.0%	0	0.0%	7	14.9%	47
Student & Youth Health Clinics	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7
Total	155	82.0%	8	4.2%	5	2.6%	3	1.6%	2	1.1%	16	8.5%	189

¹ No. = no. cases with diagnosis

² % = no. cases with diagnosis/total no. confirmed or probable cases by disease

³ Total = total no. confirmed or probable cases by disease; note that the cases may have been confirmed by disease at more than one site.

Sexual Health Clinic (SHC) Data

Chlamydia

Table 2.1: Chlamydia - Disease rates by SHC

Quarter 3

<u>Total Clinic Visits¹</u>			<u>2004</u>			<u>2005</u>		
<u>2004</u>	<u>2005</u>	<u>Clinic</u>	<u>No. Confirmed</u>	<u>Total No.²</u>	<u>Rate³</u>	<u>No. Confirmed</u>	<u>Total No.²</u>	<u>Rate³</u>
349	389	Whangarei	16	16	4.6%	22	22	5.7%
0	177	Dargaville	0	0	0.0%	1	1	0.6%
78	53	Kaikohe	8	8	10.3%	3	3	5.7%
4027	1836	Auckland	152	166	4.1%	54	54	2.9%
4454	2455	North	176	190	4.3%	80	80	3.3%
2149	2363	Hamilton	148	153	7.1%	177	192	8.1%
2099	1874	Tauranga	106	111	5.3%	99	102	5.4%
345	235	Rotorua	18	29	8.4%	25	27	11.5%
218	245	Whakatane	16	16	7.3%	19	20	8.2%
230	234	Taupo	25	37	16.1%	7	23	9.8%
582	649	New Plymouth	55	76	13.1%	79	106	16.3%
653	735	Gisborne	29	29	4.4%	35	35	4.8%
6276	6335	Midland	397	451	7.2%	441	505	8.0%
291	243	Napier	21	21	7.2%	22	22	9.1%
106	104	Hastings	6	6	5.7%	13	13	12.5%
242	222	Wanganui	30	31	12.8%	17	20	9.0%
1025	995	Palmerston North/Levin/Dannevirke	56	79	7.7%	72	98	9.8%
2715	2909	Wellington	54	66	2.4%	68	107	3.7%
266	308	Lower Hutt	7	9	3.4%	6	10	3.2%
158	218	Porirua	4	8	5.1%	3	5	2.3%
400	372	Nelson	17	18	4.5%	19	21	5.6%
0	109	Wairau (Blenheim)	0	0	0.0%	5	5	4.6%
5203	5480	Central	195	238	4.6%	225	301	5.5%
76	133	Greymouth	1	1	1.3%	6	10	7.5%
0	56	Westport/Buller	0	0	0.0%	10	10	17.9%
2124	2299	Christchurch	54	73	3.4%	78	100	4.3%
33	31	Ashburton	1	1	3.0%	1	1	3.2%
167	193	Timaru	8	8	4.8%	12	12	6.2%
807	952	Dunedin	22	23	2.9%	45	47	4.9%
640	623	Invercargill/Gore	46	62	9.7%	42	51	8.2%
3847	4287	South	132	168	4.4%	194	231	5.4%
19780	18557	Total	900	1047	5.3%	940	1117	6.0%

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

² Total No. = no. confirmed cases + no. probable cases.

³ 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 - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 3 2005

		Age group (years)									
		<u><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>>44</u>	<u>Unk</u>	<u>Total</u>
Males	European/Pakeha	1	73	118	68	28	20	6	18	0	332
		5.3	12.3	8.8	6.8	3.8	4.0	1.6	2.6	0.0	6.3
	Maori	2	49	51	22	9	6	4	2	0	145
		9.1	22.2	17.6	12.4	7.3	6.5	7.5	4.5	-	14.2
	Pacific Peoples	0	3	6	2	3	2	0	0	0	16
		0.0	27.3	14.3	6.7	15.0	15.4	0.0	0.0	-	12.5
	Other	0	3	13	13	5	3	0	2	0	39
		0.0	4.7	6.8	7.1	4.3	4.8	0.0	2.5	0.0	5.2
Unknown	0	2	4	3	0	0	0	2	0	11	
	0.0	9.1	13.8	10.0	0.0	0.0	0.0	6.7	-	7.0	
Total		3	130	192	108	45	31	10	24	0	543
		7.3	14.3	10.2	7.6	4.5	4.5	2.0	2.8	0.0	7.4
Females	European/Pakeha	8	144	100	23	12	6	2	3	0	298
		6.4	5.8	4.8	2.4	1.8	1.5	0.8	0.8	0.0	4.1
	Maori	5	123	69	25	10	5	1	0	0	238
		5.8	11.1	9.1	7.1	4.7	4.5	1.0	0.0	-	8.5
	Pacific Peoples	0	4	2	1	0	0	0	0	0	7
		0.0	12.5	3.7	3.7	0.0	0.0	0.0	0.0	-	4.7
	Other	0	5	10	8	4	1	0	0	0	28
		0.0	4.9	3.8	4.2	4.0	1.5	0.0	0.0	0.0	3.5
Unknown	0	1	1	0	1	0	0	0	0	3	
	0.0	3.8	3.7	0.0	4.5	0.0	0.0	0.0	-	3.0	
Total		13	277	182	57	27	12	3	3	0	574
		5.7	7.4	5.7	3.7	2.7	2.0	0.8	0.6	0.0	5.2

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Gonorrhoea

Table 2.3: Gonorrhoea - Disease rates by SHC

Quarter 3

<u>Total Clinic Visits¹</u>			<u>2004</u>			<u>2005</u>		
<u>2004</u>	<u>2005</u>	<u>Clinic</u>	<u>No. Confirmed</u>	<u>Total No.²</u>	<u>Rate³</u>	<u>No. Confirmed</u>	<u>Total No.²</u>	<u>Rate³</u>
349	389	Whangarei	7	7	2.0%	3	3	0.8%
0	177	Dargaville	0	0	0.0%	0	0	0.0%
78	53	Kaikohe	0	0	0.0%	0	0	0.0%
4027	1836	Auckland	49	59	1.5%	22	23	1.3%
4454	2455	North	56	66	1.5%	25	26	1.1%
2149	2363	Hamilton	21	21	1.0%	28	32	1.4%
2099	1874	Tauranga	7	7	0.3%	10	11	0.6%
345	235	Rotorua	7	7	2.0%	0	0	0.0%
218	245	Whakatane	1	1	0.5%	5	5	2.0%
230	234	Taupo	1	2	0.9%	0	0	0.0%
582	649	New Plymouth	2	2	0.3%	4	4	0.6%
653	735	Gisborne	7	7	1.1%	4	4	0.5%
6276	6335	Midland	46	47	0.7%	51	56	0.9%
291	243	Napier	7	7	2.4%	2	2	0.8%
106	104	Hastings	1	1	0.9%	4	4	3.8%
242	222	Wanganui	1	1	0.4%	0	0	0.0%
1025	995	Palmerston North/Levin/Dannevirke	9	13	1.3%	6	7	0.7%
2715	2909	Wellington	10	13	0.5%	5	5	0.2%
266	308	Lower Hutt	0	0	0.0%	3	4	1.3%
158	218	Porirua	0	0	0.0%	5	5	2.3%
400	372	Nelson	2	3	0.7%	3	4	1.1%
0	109	Wairau (Blenheim)	0	0	0.0%	0	0	0.0%
5203	5480	Central	30	38	0.7%	28	31	0.6%
76	133	Greymouth	0	0	0.0%	0	0	0.0%
0	56	Westport/Buller	0	0	0.0%	0	0	0.0%
2124	2299	Christchurch	6	7	0.3%	10	10	0.4%
33	31	Ashburton	0	0	0.0%	0	0	0.0%
167	193	Timaru	0	0	0.0%	5	5	2.6%
807	952	Dunedin	1	1	0.1%	0	0	0.0%
640	623	Invercargill/Gore	0	1	0.2%	3	3	0.5%
3847	4287	South	7	9	0.2%	18	18	0.4%
19780	18557	Total	139	160	0.8%	122	131	0.7%

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

² Total No. = no. confirmed cases + no. probable cases.

³ 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 - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 3 2005

		Age group (years)							Unk	Total		
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44	
Males	European/Pakeha	0	10	8	5	4	4	1	5	0	37	
		0.0	1.7	0.6	0.5	0.5	0.8	0.3	0.7	0.0	0.7	
	Maori	0	9	10	4	1	1	0	1	0	26	
		0.0	4.1	3.5	2.2	0.8	1.1	0.0	2.3	-	2.5	
	Pacific Peoples	0	0	2	0	0	1	0	0	0	3	
		0.0	0.0	5.6	0.0	0.0	9.1	0.0	0.0	-	2.6	
	Other	0	1	0	1	1	0	1	2	0	6	
		0.0	1.6	0.0	0.5	0.9	0.0	2.2	2.5	0.0	0.8	
	Unknown	0	1	1	1	0	0	0	0	0	3	
		0.0	8.3	4.5	4.5	0.0	0.0	0.0	0.0	-	2.9	
Total		0	21	21	11	6	6	2	8	0	75	
		0.0	2.3	1.1	0.8	0.6	0.9	0.4	0.9	0.0	1.0	
Females	European/Pakeha	0	11	5	2	3	1	1	0	0	23	
		0.0	0.4	0.2	0.2	0.5	0.2	0.4	0.0	0.0	0.3	
	Maori	1	15	8	1	2	0	0	0	0	27	
		1.2	1.4	1.1	0.3	0.9	0.0	0.0	0.0	-	1.0	
	Pacific Peoples	0	2	1	0	0	0	0	0	0	3	
		0.0	6.3	1.9	0.0	0.0	0.0	0.0	0.0	-	2.0	
	Other	0	0	1	1	0	1	0	0	0	3	
		0.0	0.0	0.5	0.7	0.0	2.0	0.0	0.0	-	0.5	
	Total		1	28	15	4	5	2	1	0	0	56
			0.4	0.8	0.5	0.3	0.5	0.3	0.3	0.0	0.0	0.5

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² 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 3

<u>Total Clinic Visits¹</u>			<u>2004</u>		<u>2005</u>	
<u>2004</u>	<u>2005</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
349	389	Whangarei	1	0.3%	5	1.3%
0	177	Dargaville	0	0.0%	0	0.0%
78	53	Kaikohe	0	0.0%	0	0.0%
4027	1836	Auckland	38	0.9%	11	0.6%
4454	2455	North	39	0.9%	16	0.7%
2149	2363	Hamilton	17	0.8%	32	1.4%
2099	1874	Tauranga	12	0.6%	21	1.1%
345	235	Rotorua	3	0.9%	3	1.3%
218	245	Whakatane	2	0.9%	1	0.4%
230	234	Taupo	4	1.7%	3	1.3%
582	649	New Plymouth	11	1.9%	9	1.4%
653	735	Gisborne	2	0.3%	0	0.0%
6276	6335	Midland	51	0.8%	69	1.1%
291	243	Napier	3	1.0%	3	1.2%
106	104	Hastings	1	0.9%	1	1.0%
242	222	Wanganui	6	2.5%	1	0.5%
1025	995	Palmerston North/Levin/Dannevirke	18	1.8%	8	0.8%
2715	2909	Wellington	16	0.6%	13	0.4%
266	308	Lower Hutt	0	0.0%	0	0.0%
158	218	Porirua	2	1.3%	2	0.9%
400	372	Nelson	1	0.3%	4	1.1%
0	109	Wairau (Blenheim)	0	0.0%	0	0.0%
5203	5480	Central	47	0.9%	32	0.6%
76	133	Greymouth	1	1.3%	3	2.3%
0	56	Westport/Buller	0	0.0%	0	0.0%
2124	2299	Christchurch	29	1.4%	17	0.7%
33	31	Ashburton	1	3.0%	0	0.0%
167	193	Timaru	1	0.6%	2	1.0%
807	952	Dunedin	6	0.7%	4	0.4%
640	623	Invercargill/Gore	5	0.8%	10	1.6%
3847	4287	South	43	1.1%	36	0.8%
19780	18557	Total	180	0.9%	153	0.8%

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

² 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 - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 3 2005

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	0	1	20	13	6	9	1	2	0	52
		0.0	0.2	1.5	1.3	0.8	1.8	0.3	0.3	0.0	1.0
	Maori	0	0	0	2	1	1	0	0	0	4
		0.0	0.0	0.0	1.1	0.8	1.1	0.0	0.0	-	0.4
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	-	7.1
	Other	0	1	1	2	0	0	0	2	0	6
	0.0	3.2	0.7	1.6	0.0	0.0	0.0	4.2	0.0	1.2	
Unknown	0	0	0	0	0	1	0	0	0	1	
	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	-	2.9	
Total		0	2	21	18	7	11	1	4	0	64
		0.0	0.2	1.2	1.4	0.7	1.7	0.2	0.5	0.0	0.9
Females	European/Pakeha	1	16	15	8	18	2	5	8	0	73
		0.8	0.6	0.7	0.8	2.7	0.5	2.1	2.2	0.0	1.0
	Maori	0	5	1	3	1	1	0	0	0	11
		0.0	0.5	0.1	0.8	0.5	0.9	0.0	0.0	-	0.4
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.8
	Other	0	0	3	0	0	0	0	0	0	3
	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
Unknown	0	0	0	0	0	0	0	1	0	1	
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	-	1.4	
Total		1	22	19	11	19	3	5	9	0	89
		0.5	0.6	0.6	0.8	2.0	0.5	1.4	1.9	0.0	0.8

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² 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 3

<u>Total Clinic Visits¹</u>			<u>2004</u>		<u>2005</u>	
<u>2004</u>	<u>2005</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
349	389	Whangarei	10	2.9%	14	3.6%
0	177	Dargaville	0	0.0%	0	0.0%
78	53	Kaikohe	0	0.0%	0	0.0%
4027	1836	Auckland	172	4.3%	77	4.2%
4454	2455	North	182	4.1%	91	3.7%
2149	2363	Hamilton	95	4.4%	104	4.4%
2099	1874	Tauranga	75	3.6%	73	3.9%
345	235	Rotorua	24	7.0%	19	8.1%
218	245	Whakatane	15	6.9%	11	4.5%
230	234	Taupo	5	2.2%	7	3.0%
582	649	New Plymouth	42	7.2%	36	5.5%
653	735	Gisborne	1	0.2%	0	0.0%
6276	6335	Midland	257	4.1%	250	3.9%
291	243	Napier	18	6.2%	12	4.9%
106	104	Hastings	9	8.5%	6	5.8%
242	222	Wanganui	13	5.4%	14	6.3%
1025	995	Palmerston North/Levin/Dannevirke	44	4.3%	45	4.5%
2715	2909	Wellington	101	3.7%	96	3.3%
266	308	Lower Hutt	15	5.6%	21	6.8%
158	218	Porirua	9	5.7%	15	6.9%
400	372	Nelson	26	6.5%	27	7.3%
0	109	Wairau (Blenheim)	0	0.0%	15	13.8%
5203	5480	Central	235	4.5%	251	4.6%
76	133	Greymouth	6	7.9%	1	0.8%
0	56	Westport/Buller	0	0.0%	1	1.8%
2124	2299	Christchurch	70	3.3%	75	3.3%
33	31	Ashburton	6	18.2%	1	3.2%
167	193	Timaru	8	4.8%	9	4.7%
807	952	Dunedin	51	6.3%	46	4.8%
640	623	Invercargill/Gore	46	7.2%	39	6.3%
3847	4287	South	187	4.9%	172	4.0%
19780	18557	Total	861	4.4%	764	4.1%

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

² 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 - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 3 2005

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	40	77	49	33	19	14	14	0	246
		0.0	6.8	5.8	4.9	4.5	3.8	3.6	2.0	0.0	4.7
	Maori	0	15	16	7	4	2	0	1	0	45
		0.0	6.8	5.5	3.9	3.3	2.2	0.0	2.3	-	4.4
	Pacific Peoples	0	0	2	3	0	0	0	0	0	5
		0.0	0.0	5.6	10.3	0.0	0.0	0.0	0.0	-	4.3
	Other	0	1	8	8	2	1	1	0	0	21
	0.0	1.6	4.2	4.4	1.7	1.6	2.2	0.0	0.0	2.8	
Unknown	0	3	1	0	0	0	0	0	0	4	
	0.0	25.0	4.5	0.0	0.0	0.0	0.0	0.0	-	3.9	
Total		0	59	104	67	39	22	15	15	0	321
		0.0	6.6	5.5	4.7	3.9	3.3	3.1	1.8	0.0	4.4
Females	European/Pakeha	1	142	102	29	19	9	4	13	0	319
		0.8	5.8	4.9	3.1	2.9	2.2	1.7	3.5	0.0	4.4
	Maori	3	52	22	6	3	1	2	2	0	91
		3.5	4.7	2.9	1.7	1.4	0.9	2.1	2.9	-	3.3
	Pacific Peoples	0	2	1	0	0	0	0	0	0	3
		0.0	5.0	1.6	0.0	0.0	0.0	0.0	0.0	-	1.7
	Other	0	4	9	3	2	4	1	0	0	23
	0.0	3.9	3.4	1.6	2.0	6.0	3.3	0.0	0.0	2.9	
Unknown	0	1	3	2	0	0	1	0	0	7	
	0.0	5.9	13.0	10.5	0.0	0.0	11.1	0.0	-	5.9	
Total		4	201	137	40	24	14	8	15	0	443
		1.8	5.4	4.3	2.6	2.3	2.3	2.1	3.1	0.0	4.0

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Syphilis

Table 2.9: Syphilis - Disease rates by SHC

Quarter 3

<u>Total Clinic Visits¹</u>			<u>2004</u>		<u>2005</u>	
<u>2004</u>	<u>2005</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
349	389	Whangarei	0	0.0%	0	0.0%
0	177	Dargaville	0	0.0%	0	0.0%
78	53	Kaikohe	0	0.0%	0	0.0%
4027	1836	Auckland	4	0.1%	2	0.1%
4454	2455	North	4	0.1%	2	0.1%
2149	2363	Hamilton	2	0.1%	2	0.1%
2099	1874	Tauranga	0	0.0%	1	0.1%
345	235	Rotorua	0	0.0%	0	0.0%
218	245	Whakatane	0	0.0%	0	0.0%
230	234	Taupo	0	0.0%	0	0.0%
582	649	New Plymouth	0	0.0%	0	0.0%
653	735	Gisborne	0	0.0%	0	0.0%
6276	6335	Midland	2	0.0%	3	0.0%
291	243	Napier	0	0.0%	0	0.0%
106	104	Hastings	1	0.9%	0	0.0%
242	222	Wanganui	0	0.0%	0	0.0%
1025	995	Palmerston North/Levin/Dannevirke	2	0.2%	0	0.0%
2715	2909	Wellington	1	0.0%	4	0.1%
266	308	Lower Hutt	0	0.0%	0	0.0%
158	218	Porirua	0	0.0%	0	0.0%
400	372	Nelson	0	0.0%	0	0.0%
0	109	Wairau (Blenheim)	0	0.0%	0	0.0%
5203	5480	Central	4	0.1%	4	0.1%
76	133	Greymouth	0	0.0%	0	0.0%
0	56	Westport/Buller	0	0.0%	0	0.0%
2124	2299	Christchurch	0	0.0%	1	0.0%
33	31	Ashburton	0	0.0%	0	0.0%
167	193	Timaru	0	0.0%	0	0.0%
807	952	Dunedin	0	0.0%	0	0.0%
640	623	Invercargill/Gore	0	0.0%	0	0.0%
3847	4287	South	0	0.0%	1	0.0%
19780	18557	Total	10	0.1%	10	0.1%

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

² 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 - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 3 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	0	1	2	0	0	0	0	0	3
		0.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.2
	Other	0	1	0	0	0	0	0	2	0	3
		0.0	1.6	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.4
	Unknown	0	0	0	0	0	0	0	1	0	1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	-	1.5	
Total		0	1	1	2	0	0	0	3	0	7
		0.0	0.4	0.2	0.4	0.0	0.0	0.0	1.1	0.0	0.3
Females	European/Pakeha	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Pacific Peoples	0	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	-	3.8
	Total	0	0	2	0	0	1	0	0	0	3
	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.1	

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

NSU (Males Only)

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

Quarter 3

<u>Total Clinic Visits for males¹</u>			<u>2004</u>		<u>2005</u>	
<u>2004</u>	<u>2005</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
100	95	Whangarei	0	0.0%	0	0.0%
0	8	Dargaville	0	0.0%	0	0.0%
4	0	Kaikohe	0	0.0%	0	0.0%
2052	982	Auckland	75	3.7%	19	1.9%
2156	1085	North	75	3.5%	19	1.8%
728	845	Hamilton	18	2.5%	24	2.8%
344	401	Tauranga	18	5.2%	13	3.2%
145	110	Rotorua	1	0.7%	3	2.7%
46	42	Whakatane	0	0.0%	2	4.8%
65	48	Taupo	0	0.0%	0	0.0%
257	260	New Plymouth	14	5.4%	10	3.8%
59	48	Gisborne	0	0.0%	0	0.0%
1644	1754	Midland	51	3.1%	52	3.0%
93	53	Napier	0	0.0%	0	0.0%
26	18	Hastings	0	0.0%	0	0.0%
91	73	Wanganui	0	0.0%	3	4.1%
433	455	Palmerston North/Levin/Dannevirke	35	8.1%	31	6.8%
1296	1405	Wellington	8	0.6%	14	1.0%
109	143	Lower Hutt	1	0.9%	1	0.7%
67	80	Porirua	4	6.0%	1	1.3%
168	196	Nelson	3	1.8%	6	3.1%
0	56	Wairau (Blenheim)	0	0.0%	0	0.0%
2283	2479	Central	51	2.2%	56	2.3%
19	45	Greymouth	0	0.0%	0	0.0%
0	18	Westport/Buller	0	0.0%	3	16.7%
1190	1257	Christchurch	12	1.0%	17	1.4%
13	22	Ashburton	0	0.0%	0	0.0%
69	91	Timaru	1	1.4%	0	0.0%
231	298	Dunedin	0	0.0%	5	1.7%
276	277	Invercargill/Gore	8	2.9%	7	2.5%
1798	2008	South	21	1.2%	32	1.6%
7881	7326	Total	198	2.5%	159	2.2%

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

² Rate = (total no. cases / total no. clinic visits for males) x 100, expressed as a percentage.

Note: People seek treatment for STIs from a variety of sources, including sexual health clinics, family planning clinics, student and youth health clinics, and general practitioners. The rates in the table above are for the type of clinic indicated; these rates may not be representative of other types of clinics or the general population.

Family Planning Clinic (FPC) Data

Chlamydia

Table 3.1: Chlamydia - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 3 2005

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	36	32	8	2	4	0	0	1	84
		1.8	7.8	7.1	5.9	1.3	3.2	0.0	0.0	9.1	5.3
	Maori	0	6	7	2	1	0	0	0	0	16
		0.0	10.3	14.6	10.5	12.5	0.0	0.0	0.0	-	9.6
	Pacific Peoples	0	4	10	1	1	0	0	0	0	16
		0.0	13.3	33.3	10.0	9.1	0.0	0.0	0.0	-	13.3
	Other	0	6	9	3	1	0	0	0	0	19
	0.0	8.8	14.3	10.0	4.8	0.0	0.0	0.0	0.0	8.4	
Unknown	0	2	4	3	0	1	0	0	1	11	
	0.0	4.4	7.5	30.0	0.0	7.1	0.0	0.0	50.0	7.3	
Total		1	54	62	17	5	5	0	0	2	146
		0.8	8.2	9.6	8.3	2.6	3.0	0.0	0.0	14.3	6.5
Females	European/Pakeha	5	186	121	31	14	2	2	2	1	364
		0.8	1.7	1.3	0.9	0.6	0.1	0.2	0.1	2.8	1.2
	Maori	4	74	50	14	0	0	0	0	0	142
		1.7	4.7	4.8	3.1	0.0	0.0	0.0	0.0	0.0	3.7
	Pacific Peoples	0	10	15	3	4	1	0	0	0	33
		0.0	1.8	2.6	1.3	3.3	1.3	0.0	0.0	0.0	2.0
	Other	3	36	29	9	2	2	0	3	0	84
	1.9	1.8	1.6	1.1	0.4	0.5	0.0	1.4	0.0	1.4	
Unknown	0	9	3	3	2	0	0	0	0	17	
	0.0	1.3	0.6	1.1	0.8	0.0	0.0	0.0	0.0	0.7	
Total		12	315	218	60	22	5	2	5	1	640
		1.1	2.0	1.6	1.1	0.6	0.2	0.1	0.3	1.0	1.4

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Gonorrhoea

Table 3.2: Gonorrhoea - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 3 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	2	4	0	1	0	0	0	0	7
		0.0	0.4	0.9	0.0	0.7	0.0	0.0	0.0	0.0	0.4
	Maori	0	3	0	1	0	0	0	0	0	4
		0.0	5.2	0.0	5.3	0.0	0.0	0.0	0.0	-	2.4
	Pacific Peoples	0	0	1	0	1	0	0	0	0	2
		0.0	0.0	6.3	0.0	12.5	0.0	0.0	0.0	-	2.7
	Unknown	0	1	0	0	0	0	0	0	1	2
		0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	50.0	3.8
	Total	0	6	5	1	2	0	0	0	1	15
		0.0	1.1	0.9	0.6	1.2	0.0	0.0	0.0	7.7	0.8
Females	European/Pakeha	0	4	5	1	0	0	0	0	0	10
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	1	8	3	1	0	0	0	0	0	13
		0.4	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.3
	Pacific Peoples	1	4	2	0	0	0	0	0	0	7
		2.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Other	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	0	0	0	0	0	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.1
	Total	2	16	11	2	0	0	0	0	1	32
		0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.4	0.1

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Genital Herpes (First presentation)

Table 3.3: Genital Herpes - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 3 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	1	1	0	0	0	0	0	1	3
		0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	14.3	0.3
	Total	0	1	1	0	0	0	0	0	1	3
		0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	14.3	0.3
Females	European/Pakeha	0	12	10	2	4	0	2	1	1	32
		0.0	0.1	0.1	0.1	0.2	0.0	0.2	0.1	2.8	0.1
	Maori	0	2	1	0	0	0	0	0	0	3
		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Pacific Peoples	0	0	1	0	1	0	0	0	0	2
		0.0	0.0	0.5	0.0	1.9	0.0	0.0	0.0	0.0	0.3
	Other	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	0.0	0.1
Unknown	0	0	1	1	1	1	0	0	0	4	
	0.0	0.0	0.3	0.5	0.6	0.8	0.0	0.0	0.0	0.3	
Total	0	15	13	4	6	1	2	1	1	43	
	0.0	0.1	0.1	0.1	0.2	0.0	0.1	0.1	1.1	0.1	

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Genital Warts (First presentation)

Table 3.4: Genital Warts - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 3 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	7	15	4	0	0	0	0	0	26
		0.0	1.5	3.3	2.9	0.0	0.0	0.0	0.0	0.0	1.6
	Maori	0	1	1	1	0	0	0	0	0	3
		0.0	3.0	4.0	7.7	0.0	0.0	0.0	0.0	-	3.1
	Other	0	1	0	1	0	0	0	0	0	2
		0.0	4.8	0.0	7.7	0.0	0.0	0.0	0.0	-	2.7
	Unknown	0	2	0	0	0	0	0	0	0	2
	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	
Total		0	11	16	6	0	0	0	0	0	33
		0.0	2.0	3.0	3.5	0.0	0.0	0.0	0.0	0.0	1.8
Females	European/Pakeha	0	46	37	3	0	4	1	3	1	95
		0.0	0.4	0.4	0.1	0.0	0.2	0.1	0.2	2.8	0.3
	Maori	0	4	3	0	0	0	0	0	0	7
		0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Pacific Peoples	1	3	1	0	0	0	0	0	0	5
		3.4	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Other	0	6	7	0	0	0	0	0	0	13
	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
Unknown	0	2	1	2	1	0	0	0	0	6	
	0.0	0.4	0.3	1.0	0.6	0.0	0.0	0.0	0.0	0.4	
Total		1	61	49	5	1	4	1	3	1	126
		0.1	0.4	0.4	0.1	0.0	0.2	0.1	0.2	1.2	0.3

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² 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 - Cases¹ and Rates² by Age, Sex and Ethnicity at SYHCs

Quarter 3 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	5	6	1	0	0	0	0	0	12
		0.0	0.5	0.4	0.3	0.0	0.0	0.0	0.0	-	0.4
	Maori	0	3	3	0	1	0	0	0	0	7
		0.0	1.7	1.3	0.0	1.9	0.0	0.0	0.0	0.0	1.0
	Pacific Peoples	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	-	4.0
	Unknown	0	2	4	1	0	0	0	0	0	7
	0.0	7.1	4.3	2.5	0.0	0.0	0.0	0.0	0.0	0.1	
Total		0	10	15	2	1	0	0	0	0	28
		0.0	0.9	0.8	0.4	0.7	0.0	0.0	0.0	0.0	0.2
Females	European/Pakeha	0	27	28	2	1	1	0	1	0	60
		0.0	0.7	0.6	0.3	0.3	0.4	0.0	0.3	0.0	0.6
	Maori	4	22	12	1	1	0	0	0	0	40
		12.5	3.2	1.7	0.5	0.8	0.0	0.0	0.0	0.0	1.9
	Pacific Peoples	0	4	5	0	0	0	0	0	0	9
		0.0	4.3	2.8	0.0	0.0	0.0	0.0	0.0	-	2.2
	Other	0	3	11	2	1	1	0	0	0	18
	0.0	0.8	0.8	0.4	0.5	0.7	0.0	0.0	-	0.7	
Unknown	0	1	7	0	0	0	0	0	0	8	
	0.0	2.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Total		4	57	63	5	3	2	0	1	0	135
		4.7	1.2	0.9	0.3	0.4	0.4	0.0	0.2	0.0	0.4

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Gonorrhoea

Table 4.2: Gonorrhoea - Cases¹ and Rates² by Age, Sex and Ethnicity at SYHCs

Quarter 3 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	Maori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Females	European/Pakeha	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0
	Maori	0	2	1	0	0	0	0	0	0	3
		0.0	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Total	0	2	3	0	0	0	0	0	0	5
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Genital Herpes (First presentation)

Table 4.3: Genital Herpes - Cases¹ and Rates² by Age, Sex and Ethnicity at SYHCs

Quarter 3 2005

		Age group (years)							Unk	Total		
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44	
Males	European/Pakeha	0	0	0	2	0	0	0	0	0	2	
		0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	-	0.1
	Total	0	0	0	2	0	0	0	0	0	2	
		0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.1	
Females	European/Pakeha	0	2	6	0	0	1	0	0	0	9	
		0.0	0.1	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.1	
	Other	0	1	0	0	0	0	0	0	0	1	
		0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	0	1	0	0	0	0	0	0	0	1
	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Total	0	3	7	0	0	1	0	0	0	11	
		0.0	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.1	

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Genital Warts (first presentation)

Table 4.4: Genital Warts – Cases¹ and Rates² by Age, Sex and Ethnicity at SYHCs

Quarter 3 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	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	2	0	0	0	0	0	0	2
		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	-	0.2
	Unknown	0	0	1	0	0	0	0	0	0	1
	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		0	0	4	0	0	0	0	0	0	4
		0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Females	European/Pakeha	1	9	4	0	0	0	0	0	0	14
		2.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	0	2	0	0	0	1	0	0	3
		0.0	0.0	0.5	0.0	0.0	0.0	1.5	0.0	-	0.2
	Other	0	1	0	0	0	0	0	0	0	1
	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1	
Unknown	0	3	0	1	1	0	0	0	0	5	
	0.0	5.9	0.0	4.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
Total		1	13	6	1	1	0	1	0	0	23
		1.5	0.3	0.1	0.1	0.2	0.0	0.3	0.0	0.0	0.1

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

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

Appendix: STI Surveillance Case Definitions

Chlamydia	<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"> 1. uncomplicated infection of the lower anogenital* tract * Includes urogenital and anorectal infection. 2. PID (pelvic inflammatory disease) or epididymitis 3. infection of another site (eg, eye or pharynx) <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> • symptomatic, and • a contact of a confirmed case, and • non-laboratory confirmed (test negative or test not done).
Gonorrhoea	<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"> 1. uncomplicated infection of one or both of the following: <ol style="list-style-type: none"> a) urogenital tract b) anorectal area (proctitis) 2. PID (pelvic inflammatory disease) or epididymitis 3. extra-genital infection of one or both of the following: <ol style="list-style-type: none"> a) pharynx b) other site not listed <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> • symptomatic, and • a contact of a confirmed case, and • non-laboratory confirmed (test negative or test not done).
Anogenital Herpes	<p>First diagnosis for the person at your clinic, with either</p> <ol style="list-style-type: none"> 1. laboratory detection of herpes simplex virus (HSV) from a clinical specimen, <p style="text-align: center;">or</p> <ol style="list-style-type: none"> 2. a clinically compatible illness in the lower anogenital and buttock area (syphilis should be considered as a cause of genital ulceration)
Anogenital Warts	<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>
Syphilis	<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>
Non-Specific Urethritis (NSU) (males only)	<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>
Chancroid	<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 style="text-align: center;">or</p> <p>A clinically compatible illness in a patient who is a contact of a confirmed case.</p>
Granuloma inguinale (GI)	<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>
Lymphogranulom a venereum (LGV)	<p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> serotype L₁, L₂ or L₃ from a clinical specimen.</p> <p><i>Probable</i> A clinically compatible illness with complement fixation titre of > 64 and other causes of ulcerations excluded,</p> <p style="text-align: center;">or</p> <p>A clinically compatible illness in a person who is a contact of a confirmed case.</p>