

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

January to March 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.

June 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 be accessed by emailing survqueries@esr.cri.nz**

Contents

INTRODUCTION..... 1

METHODS 1

OVERVIEW 2

ALL CLINIC DATA 3

Table 1.1: Summary - Disease Rate by Clinic Type..... 3

Table 1.2: Summary - Chlamydia Site of Infection 4

Table 1.3: Summary - Gonorrhoea Site of Infection 4

SEXUAL HEALTH CLINIC (SHC) DATA..... 5

 CHLAMYDIA 5

Table 2.1: Chlamydia - Disease rates by SHC..... 5

Table 2.2: Chlamydia - Cases and Rates by Age, Sex and Ethnicity at SHCs 6

 GONORRHOEA 7

Table 2.3: Gonorrhoea - Disease rates by SHC..... 7

Table 2.4: Gonorrhoea - Cases and Rates by Age, Sex and Ethnicity at SHCs 8

 GENITAL HERPES (FIRST PRESENTATION) 9

Table 2.5: Genital Herpes - Disease rates by SHC..... 9

Table 2.6: Genital Herpes - Cases and Rates by Age, Sex and Ethnicity at SHCs 10

 GENITAL WARTS (FIRST PRESENTATION) 11

Table 2.7: Genital Warts - Disease rates by SHC..... 11

Table 2.8: Genital Warts - Cases and Rates by Age, Sex and Ethnicity at SHCs 12

 SYPHILIS..... 13

Table 2.9: Syphilis - Disease rates by SHC..... 13

Table 2.10: Syphilis - Cases and Rates by Age, Sex and Ethnicity at SHCs 14

 NSU (MALES ONLY)..... 15

Table 2.11: NSU (Males Only) - Disease rates by SHC..... 15

FAMILY PLANNING CLINIC (FPC) DATA..... 16

 CHLAMYDIA 16

Table 3.1: Chlamydia - Cases and Rates by Age, Sex and Ethnicity at FPCs 16

 GONORRHOEA 17

Table 3.2: Gonorrhoea - Cases and Rates by Age, Sex and Ethnicity at FPCs 17

 GENITAL HERPES (FIRST PRESENTATION) 18

Table 3.3: Genital Herpes - Cases and Rates by Age, Sex and Ethnicity at FPCs 18

 GENITAL WARTS (FIRST PRESENTATION) 19

Table 3.4: Genital Warts - Cases and Rates by Age, Sex and Ethnicity at FPCs 19

STUDENT & YOUTH HEALTH CLINIC (SYHC) DATA..... 20

 CHLAMYDIA 20

Table 4.1: Chlamydia - Cases and Rates by Age, Sex and Ethnicity at SYHCs 20

 GONORRHOEA 21

Table 4.2: Gonorrhoea – Cases and Rates by Age, Sex and Ethnicity at SYHCs 21

 GENITAL HERPES (FIRST PRESENTATION) 22

Table 4.3: Genital Herpes - Cases and Rates by Age, Sex and Ethnicity at SYHCs 22

 GENITAL WARTS (FIRST PRESENTATION) 23

Table 4.4: Genital Warts - Cases and Rates by Age, Sex and Ethnicity at SYHCs 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 25 SHCs, 39 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 6 June 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-five SHCs participate in STI surveillance. Of these, 24 clinics provided STI data for the first quarter (January to March) 2005. 2/24 (8.3%) of SHCs were not able to provide STI data by the date required for all three months in this quarter.

FPCs

Thirty-nine FPCs participate in STI surveillance. All 39 clinics provided STI data for the first quarter (January to March) 2005. 3/39 (7.7%) of FPCs were not able to provide data by the date required for all three months in this quarter. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

SYHCs

Sixteen SYHCs participate in STI surveillance. Of these, 15 clinics provided STI data by the date required for all three months in the first quarter (January to March) 2005. 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 20 069 visits. A total of 1010 confirmed cases of chlamydia, 173 confirmed cases of gonorrhoea, 173 cases of genital herpes, 922 cases of genital warts, 3 cases of syphilis and 186 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 42 643 visits. A total of 462 confirmed cases of chlamydia, 44 confirmed cases of gonorrhoea, 39 cases of genital herpes, 123 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 28 431 visits. A total of 117 confirmed cases of chlamydia, 3 confirmed cases of gonorrhoea, 10 cases of genital herpes, 23 cases of genital warts and 5 cases of NSU in males were reported. There were no cases of syphilis reported in this quarter. STI rates and comparisons with the equivalent quarter in 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 January to March 2005, compared to the equivalent quarter of 2004.

Clinical setting	STI	January to March 2004		January to March 2005		Rate ² change ³ between quarters
		Total ¹ number of cases	Rate ² (%)	Total ¹ number of cases	Rate ² (%)	
SHCs	Chlamydia	1278	6.1	1166	5.8	▼
	Gonorrhoea	227	1.1	188	0.9	▼
	Genital herpes	164	0.8	173	0.9	▲
	Genital warts	996	4.7	922	4.6	▼
	Syphilis	10	0.0	3	0.0	—
	NSU (Males Only)	270	3.1	186	2.3	▼
FPCs	Chlamydia	533	1.2	531	1.2	—
	Gonorrhoea	52	0.1	49	0.1	—
	Genital herpes	37	0.1	39	0.1	—
	Genital warts	115	0.3	123	0.3	—
	Syphilis	0	0.0	1	0.0	—
	NSU (Males Only)	2	0.1	4	0.2	▲
SYHCs	Chlamydia ³	95	0.3	118	0.4	▲
	Gonorrhoea ³	2	0.0	3	0.0	—
	Genital herpes	3	0.0	10	0.0	—
	Genital warts	19	0.1	23	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	1	0.0	5	0.1	▲

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 1 2005

<u>Clinic Type, by area</u>	<u>Total Clinic</u>		<u>Chlamydia²</u>	<u>Gonorrhoea²</u>	<u>Genital Herpes[^]</u>	<u>Genital Warts[^]</u>	<u>Syphilis[*]</u>
	<u>Visits¹</u>						
North							
Sexual Health Clinics	No.	5,613	270	96	41	262	0
	Rate ³		4.8%	1.7%	0.7%	4.7%	0.0%
Family Planning Clinics	No.	19,205	212	16	9	44	0
	Rate ³		1.1%	0.1%	0.0%	0.2%	0.0%
Student & Youth Health	No.	7,170	15	1	1	4	0
	Rate ³		0.2%	0.0%	0.0%	0.1%	0.0%
Subtotal North		31,988	497	113	51	310	0
Midland							
Sexual Health Clinics	No.	6,258	489	51	58	248	3
	Rate ³		7.8%	0.8%	0.9%	4.0%	0.0%
Family Planning Clinics	No.	4,663	42	1	7	7	0
	Rate ³		0.9%	0.0%	0.2%	0.2%	0.0%
Student & Youth Health	No.	9,118	23	2	0	3	0
	Rate ³		0.3%	0.0%	0.0%	0.0%	0.0%
Subtotal Midland		20,039	554	54	65	258	3
Central							
Sexual Health Clinics	No.	4,420	215	24	35	218	0
	Rate ³		4.9%	0.5%	0.8%	4.9%	0.0%
Family Planning Clinics	No.	7,985	160	21	15	41	1
	Rate ³		2.0%	0.3%	0.2%	0.5%	0.0%
Student & Youth Health	No.	5,623	49	0	4	13	0
	Rate ³		0.9%	0.0%	0.1%	0.2%	0.0%
Subtotal Central		18,028	424	45	54	272	1
South							
Sexual Health Clinics	No.	3,778	192	17	39	194	0
	Rate ³		5.1%	0.4%	1.0%	5.1%	0.0%
Family Planning Clinics	No.	10,790	117	11	8	31	0
	Rate ³		1.1%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No.	6,520	31	0	5	3	0
	Rate ³		0.5%	0.0%	0.1%	0.0%	0.0%
Subtotal South		21,088	340	28	52	228	0
All							
Sexual Health Clinics	No.	20,069	1,166	188	173	922	3
	Rate.		5.8%	0.9%	0.9%	4.6%	0.0%
Family Planning Clinics	No.	42,643	531	49	39	123	1
	Rate.		1.2%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No.	28,431	118	3	10	23	0
	Rate.		0.4%	0.0%	0.0%	0.1%	0.0%
Total	No.	91,143	1,815	240	222	1,068	4
	Rate.		2.0%	0.3%	0.2%	1.2%	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 No. ¹	
	Uncomplicated, lower anogenital		PID/epididymitis		Other site				
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹		% ²
Sexual Health Clinics	977	83.7%	32	2.7%	2	0.2%	156	13.4%	1167
Family Planning Clinics	447	84.2%	13	2.4%	2	0.4%	69	13.0%	531
Student & Youth Health Clinics	105	89.0%	12	10.2%	0	0.0%	1	0.8%	118
Total	1529	84.2%	57	3.1%	4	0.2%	226	12.4%	1816

Table 1.3: Summary - Gonorrhoea Site of Infection

	<i>Confirmed</i>								<i>Probable</i>	Total³ No. ¹			
	Uncomplicated infection				PID/epididymitis	Extra-genital infection							
	Urogenital		Anorectal			Pharynx	Other site						
	No. ¹	% ²	No. ¹	% ²	No. ¹		% ²	No. ¹	% ²		No. ¹	% ²	
Sexual Health Clinics	144	74.2%	19	9.8%	6	3.1%	8	4.1%	2	1.0%	15	7.7%	194
Family Planning Clinics	40	85.1%	0	0.0%	2	4.3%	0	0.0%	0	0.0%	5	10.6%	47
Student & Youth Health Clinics	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	3
Total	187	76.6%	19	7.8%	8	3.3%	8	3.3%	2	0.8%	20	8.2%	244

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 1

<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>
413	351	Whangarei	38	38	9.2%	25	25	7.1%
80	43	Kaikohe	1	1	1.3%	6	6	14.0
6400	5219	Auckland	307	350	5.5%	221	239	4.6%
6893	5613	North	346	389	5.6%	252	270	4.8%
2129	2073	Hamilton	150	154	7.2%	149	158	7.6%
2115	2118	Tauranga	114	119	5.6%	139	140	6.6%
321	321	Rotorua	26	33	10.3	16	17	5.3%
164	248	Whakatane	21	22	13.4	32	32	12.9
141	218	Taupo	15	19	13.5	7	21	9.6%
567	569	New Plymouth	70	83	14.6	55	76	13.4
710	711	Gisborne	43	43	6.1%	45	45	6.3%
6147	6258	Midland	439	473	7.7%	443	489	7.8%
320	327	Napier	29	29	9.1%	29	29	8.9%
60	83	Hastings	5	5	8.3%	10	10	12.0
250	271	Wanganui	42	45	18.0	20	21	7.7%
507	940	Palmerston North/Levin/Dannevirke	38	48	9.5%	49	72	7.7%
1936	2272	Wellington	33	46	2.4%	30	53	2.3%
240	222	Lower Hutt	7	8	3.3%	8	8	3.6%
182	154	Porirua	8	13	7.1%	9	14	9.1%
269	151	Nelson	13	15	5.6%	7	8	5.3%
4165	4420	Central	196	237	5.7%	162	215	4.9%
112	109	Greymouth	2	6	5.4%	4	8	7.3%
2287	2168	Christchurch	55	78	3.4%	65	93	4.3%
37	44	Ashburton	4	5	13.5	2	2	4.5%
143	185	Timaru	4	4	2.8%	3	3	1.6%
758	733	Dunedin	28	32	4.2%	35	36	4.9%
529	539	Invercargill/Gore	39	54	10.2	44	50	9.3%
3866	3778	South	132	179	4.6%	153	192	5.1%
21071	20069	Total	1113	1278	6.1%	1010	1166	5.8%

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 1 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	65	112	63	27	24	10	14	0	316
		10.0	13.5	8.0	5.3	3.0	3.8	2.3	1.7	0.0	5.4
	Maori	1	46	50	29	10	3	3	0	0	142
		9.1	24.2	16.2	16.2	6.8	4.8	4.6	0.0	-	14.0
	Pacific Peoples	0	7	14	9	9	1	0	0	0	40
		0.0	16.7	21.9	14.5	20.0	11.1	0.0	0.0	-	15.4
	Other	0	2	15	12	3	3	1	2	0	38
	0.0	8.0	10.9	6.2	1.8	3.9	1.5	2.2	-	5.0	
Unknown	0	2	3	0	0	0	0	0	0	5	
	0.0	9.5	8.8	0.0	0.0	0.0	0.0	0.0	-	2.8	
Total		2	122	194	113	49	31	14	16	0	541
		8.0	16.0	10.0	6.8	3.9	3.8	2.4	1.6	0.0	6.7
Females	European/Pakeha	3	160	85	35	15	3	1	4	0	306
		2.8	6.6	3.9	2.8	2.1	0.6	0.3	0.9	-	3.9
	Maori	9	131	64	32	13	3	1	0	0	253
		10.3	12.9	9.0	8.8	6.3	2.1	1.0	0.0	-	9.4
	Pacific Peoples	0	16	4	7	6	2	0	0	0	35
		0.0	17.6	3.9	6.7	19.4	6.9	0.0	0.0	0.0	8.8
	Other	0	10	5	8	3	3	0	0	0	29
	0.0	8.1	2.5	3.9	2.8	3.0	0.0	0.0	-	3.3	
Unknown	0	1	1	0	0	0	0	0	0	2	
	0.0	7.1	3.6	0.0	0.0	0.0	0.0	0.0	-	2.2	
Total		12	318	159	82	37	11	2	4	0	625
		6.0	8.6	4.9	4.2	3.5	1.4	0.4	0.7	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 1

<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>
413	351	Whangarei	6	6	1.5%	0	0	0.0%
80	43	Kaikohe	0	0	0.0%	0	0	0.0%
6400	5219	Auckland	96	108	1.7%	89	96	1.8%
6893	5613	North	102	114	1.7%	89	96	1.7%
2129	2073	Hamilton	17	18	0.8%	22	23	1.1%
2115	2118	Tauranga	14	18	0.9%	7	7	0.3%
321	321	Rotorua	10	11	3.4%	5	5	1.6%
164	248	Whakatane	1	1	0.6%	2	3	1.2%
141	218	Taupo	4	4	2.8%	0	3	1.4%
567	569	New Plymouth	4	4	0.7%	1	2	0.4%
710	711	Gisborne	4	4	0.6%	8	8	1.1%
6147	6258	Midland	54	60	1.0%	45	51	0.8%
320	327	Napier	8	8	2.5%	3	3	0.9%
60	83	Hastings	1	1	1.7%	4	4	4.8%
250	271	Wanganui	3	3	1.2%	0	0	0.0%
507	940	Palmerston North/Levin/Dannevirke	8	8	1.6%	3	5	0.5%
1936	2272	Wellington	4	4	0.2%	8	8	0.4%
240	222	Lower Hutt	2	2	0.8%	2	2	0.9%
182	154	Porirua	4	4	2.2%	2	2	1.3%
269	151	Nelson	2	2	0.7%	0	0	0.0%
4165	4420	Central	33	34	0.8%	22	24	0.5%
112	109	Greymouth	0	1	0.9%	0	0	0.0%
2287	2168	Christchurch	14	14	0.6%	14	14	0.6%
37	44	Ashburton	0	0	0.0%	0	0	0.0%
143	185	Timaru	0	0	0.0%	2	2	1.1%
758	733	Dunedin	2	2	0.3%	1	1	0.1%
529	539	Invercargill/Gore	2	2	0.4%	0	0	0.0%
3866	3778	South	18	19	0.5%	17	17	0.4%
21071	20069	Total	207	227	1.1%	173	188	0.9%

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 1 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	6	8	9	4	7	5	12	0	51
		0.0	1.2	0.6	0.8	0.4	1.1	1.2	1.5	0.0	0.9
	Maori	0	13	5	9	5	2	2	0	0	36
		0.0	6.8	1.6	5.0	3.4	3.2	3.1	0.0	-	3.6
	Pacific Peoples	0	3	4	4	1	0	0	0	0	12
		0.0	7.1	6.3	6.5	2.2	0.0	0.0	0.0	-	4.6
	Other	0	0	6	0	2	1	4	2	0	15
	0.0	0.0	4.3	0.0	1.2	1.3	6.2	2.2	-	2.0	
Unknown	0	1	2	0	0	1	0	0	0	4	
	0.0	4.8	5.9	0.0	0.0	4.5	0.0	0.0	-	2.3	
Total		0	23	25	22	12	11	11	14	0	118
		0.0	3.0	1.3	1.3	0.9	1.4	1.9	1.4	0.0	1.5
Females	European/Pakeha	0	9	4	5	0	1	0	0	0	19
		0.0	0.4	0.2	0.4	0.0	0.2	0.0	0.0	-	0.2
	Maori	0	17	8	4	1	0	0	0	0	30
		0.0	1.7	1.1	1.1	0.5	0.0	0.0	0.0	-	1.1
	Pacific Peoples	0	4	1	1	3	1	0	0	0	10
		0.0	4.4	1.0	1.0	9.7	3.4	0.0	0.0	0.0	2.5
	Other	0	1	3	2	0	2	1	1	0	10
	0.0	0.8	1.5	1.0	0.0	2.0	1.9	1.5	-	1.2	
Unknown	0	0	1	0	0	0	0	0	0	1	
	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	-	1.6	
Total		0	31	17	12	4	4	1	1	0	70
		0.0	0.8	0.5	0.6	0.4	0.5	0.2	0.2	0.0	0.6

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 1

<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>	
413	351	Whangarei	2	0.5%	4	1.1%
80	43	Kaikohe	0	0.0%	0	0.0%
6400	5219	Auckland	53	0.8%	37	0.7%
6893	5613	North	55	0.8%	41	0.7%
2129	2073	Hamilton	21	1.0%	24	1.2%
2115	2118	Tauranga	17	0.8%	20	0.9%
321	321	Rotorua	3	0.9%	2	0.6%
164	248	Whakatane	2	1.2%	1	0.4%
141	218	Taupo	0	0.0%	0	0.0%
567	569	New Plymouth	8	1.4%	9	1.6%
710	711	Gisborne	0	0.0%	2	0.3%
6147	6258	Midland	51	0.8%	58	0.9%
320	327	Napier	1	0.3%	7	2.1%
60	83	Hastings	0	0.0%	2	2.4%
250	271	Wanganui	3	1.2%	2	0.7%
507	940	Palmerston North/Levin/Dannevirke	7	1.4%	7	0.7%
1936	2272	Wellington	14	0.7%	14	0.6%
240	222	Lower Hutt	0	0.0%	2	0.9%
182	154	Porirua	1	0.5%	1	0.6%
269	151	Nelson	1	0.4%	0	0.0%
4165	4420	Central	29	0.7%	35	0.8%
112	109	Greymouth	1	0.9%	1	0.9%
2287	2168	Christchurch	18	0.8%	22	1.0%
37	44	Ashburton	0	0.0%	0	0.0%
143	185	Timaru	3	2.1%	3	1.6%
758	733	Dunedin	4	0.5%	6	0.8%
529	539	Invercargill/Gore	3	0.6%	7	1.3%
3866	3778	South	29	0.8%	39	1.0%
21071	20069	Total	164	0.8%	173	0.9%

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 1 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	0	2	6	8	6	6	5	10	0	43
		0.0	0.4	0.4	0.7	0.7	0.9	1.2	1.2	0.0	0.7
	Maori	1	2	3	4	1	0	0	0	0	11
		9.1	1.1	1.0	2.2	0.7	0.0	0.0	0.0	-	1.1
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	-	1.0
	Other	0	0	1	2	2	1	0	0	0	6
	0.0	0.0	0.7	1.0	1.2	1.3	0.0	0.0	-	0.8	
Unknown	0	0	1	1	0	0	0	0	0	2	
	0.0	0.0	5.9	10.0	0.0	0.0	0.0	0.0	-	3.0	
Total		1	5	11	15	9	7	5	10	0	63
		4.3	0.7	0.6	0.9	0.7	0.9	0.9	1.0	0.0	0.8
Females	European/Pakeha	2	18	26	17	10	5	4	9	0	91
		1.9	0.7	1.2	1.4	1.4	1.1	1.3	2.1	-	1.1
	Maori	0	3	2	2	0	0	0	1	0	8
		0.0	0.3	0.3	0.6	0.0	0.0	0.0	1.5	-	0.3
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-	0.6
	Other	0	1	3	1	3	0	0	1	0	9
	0.0	0.8	1.5	0.5	2.8	0.0	0.0	1.5	-	1.0	
Unknown	0	0	1	0	0	0	0	0	0	1	
	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	-	1.6	
Total		2	22	33	20	13	5	4	11	0	110
		1.0	0.6	1.0	1.1	1.2	0.7	0.8	1.9	0.0	0.9

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 1

<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>	
413	351	Whangarei	26	6.3%	16	4.6%
80	43	Kaikohe	0	0.0%	0	0.0%
6400	5219	Auckland	324	5.1%	246	4.7%
6893	5613	North	350	5.1%	262	4.7%
2129	2073	Hamilton	118	5.5%	114	5.5%
2115	2118	Tauranga	69	3.3%	66	3.1%
321	321	Rotorua	24	7.5%	24	7.5%
164	248	Whakatane	6	3.7%	14	5.6%
141	218	Taupo	3	2.1%	2	0.9%
567	569	New Plymouth	29	5.1%	27	4.7%
710	711	Gisborne	3	0.4%	1	0.1%
6147	6258	Midland	252	4.1%	248	4.0%
320	327	Napier	10	3.1%	28	8.6%
60	83	Hastings	5	8.3%	6	7.2%
250	271	Wanganui	18	7.2%	20	7.4%
507	940	Palmerston North/Levin/Dannevirke	13	2.6%	51	5.4%
1936	2272	Wellington	105	5.4%	81	3.6%
240	222	Lower Hutt	10	4.2%	10	4.5%
182	154	Porirua	8	4.4%	9	5.8%
269	151	Nelson	17	6.3%	13	8.6%
4165	4420	Central	210	5.0%	218	4.9%
112	109	Greymouth	9	8.0%	5	4.6%
2287	2168	Christchurch	84	3.7%	101	4.7%
37	44	Ashburton	2	5.4%	2	4.5%
143	185	Timaru	6	4.2%	3	1.6%
758	733	Dunedin	33	4.4%	48	6.5%
529	539	Invercargill/Gore	50	9.5%	35	6.5%
3866	3778	South	184	4.8%	194	5.1%
21071	20069	Total	996	4.7%	922	4.6%

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 1 2005

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	44	110	85	34	24	19	26	0	342
		0.0	9.1	7.9	7.1	3.8	3.8	4.4	3.2	0.0	5.8
	Maori	0	18	35	7	7	0	0	3	0	70
		0.0	9.5	11.4	3.9	4.8	0.0	0.0	6.3	-	6.9
	Pacific Peoples	0	7	5	1	1	0	1	0	0	15
		0.0	16.7	7.8	1.6	2.2	0.0	6.3	0.0	-	5.8
	Other	0	1	8	5	5	2	0	0	0	21
		0.0	4.0	5.8	2.6	3.0	2.6	0.0	0.0	-	2.8
Unknown	0	2	4	2	2	0	2	0	0	12	
	0.0	9.5	11.8	7.7	14.3	0.0	18.2	0.0	-	6.8	
Total		0	72	162	100	49	26	22	29	0	460
		0.0	9.5	8.4	6.0	3.9	3.2	3.8	2.9	0.0	5.7
Females	European/Pakeha	2	122	113	41	17	9	6	9	0	319
		1.9	5.0	5.2	3.3	2.4	1.9	1.9	2.1	-	4.0
	Maori	2	52	20	10	5	3	1	0	0	93
		2.3	5.1	2.8	2.8	2.4	2.1	1.0	0.0	-	3.5
	Pacific Peoples	0	7	5	2	2	1	0	0	0	17
		0.0	7.7	4.9	1.9	6.5	3.4	0.0	0.0	0.0	4.3
	Other	0	9	9	7	0	2	0	0	0	27
		0.0	7.3	4.4	3.4	0.0	2.0	0.0	0.0	-	3.1
Unknown	0	2	4	0	0	0	0	0	0	6	
	0.0	10.5	13.8	0.0	0.0	0.0	0.0	0.0	-	6.4	
Total		4	192	151	60	24	15	7	9	0	462
		2.0	5.2	4.7	3.1	2.2	2.0	1.4	1.5	0.0	3.9

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 1

<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>	
413	351	Whangarei	0	0.0%	0	0.0%
80	43	Kaikohe	0	0.0%	0	0.0%
6400	5219	Auckland	4	0.1%	0	0.0%
6893	5613	North	4	0.1%	0	0.0%
2129	2073	Hamilton	1	0.0%	3	0.1%
2115	2118	Tauranga	0	0.0%	0	0.0%
321	321	Rotorua	0	0.0%	0	0.0%
164	248	Whakatane	0	0.0%	0	0.0%
141	218	Taupo	0	0.0%	0	0.0%
567	569	New Plymouth	2	0.4%	0	0.0%
710	711	Gisborne	0	0.0%	0	0.0%
6147	6258	Midland	3	0.0%	3	0.0%
320	327	Napier	0	0.0%	0	0.0%
60	83	Hastings	0	0.0%	0	0.0%
250	271	Wanganui	0	0.0%	0	0.0%
507	940	Palmerston North/Levin/Dannevirke	0	0.0%	0	0.0%
1936	2272	Wellington	3	0.2%	0	0.0%
240	222	Lower Hutt	0	0.0%	0	0.0%
182	154	Porirua	0	0.0%	0	0.0%
269	151	Nelson	0	0.0%	0	0.0%
4165	4420	Central	3	0.1%	0	0.0%
112	109	Greymouth	0	0.0%	0	0.0%
2287	2168	Christchurch	0	0.0%	0	0.0%
37	44	Ashburton	0	0.0%	0	0.0%
143	185	Timaru	0	0.0%	0	0.0%
758	733	Dunedin	0	0.0%	0	0.0%
529	539	Invercargill/Gore	0	0.0%	0	0.0%
3866	3778	South	0	0.0%	0	0.0%
21071	20069	Total	10	0.0%	3	0.0%

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 1 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	0	0	0	0	0	0	0	1	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	-	0.1
	Maori	0	1	0	0	0	0	0	0	0	1
		0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.3
	Other	0	0	0	0	0	0	0	1	0	1
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	-	0.4	
Total		0	1	0	0	0	0	0	2	0	3
		0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.7	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 1

<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>	
143	120	Whangarei	0	0.0%	0	0.0%
6	0	Kaikohe	0	0.0%	0	0.0%
3242	2662	Auckland	146	4.5%	100	3.8%
3391	2782	North	146	4.3%	100	3.6%
821	680	Hamilton	10	1.2%	7	1.0%
392	413	Tauranga	15	3.8%	12	2.9%
120	107	Rotorua	2	1.7%	2	1.9%
29	38	Whakatane	3	10.3	0	0.0%
44	51	Taupo	0	0.0%	0	0.0%
252	273	New Plymouth	20	7.9%	14	5.1%
55	50	Gisborne	0	0.0%	0	0.0%
1713	1612	Midland	50	2.9%	35	2.2%
79	83	Napier	0	0.0%	0	0.0%
19	22	Hastings	0	0.0%	0	0.0%
87	83	Wanganui	2	2.3%	2	2.4%
212	396	Palmerston North/Levin/Dannevirke	32	15.1	22	5.6%
996	1040	Wellington	9	0.9%	2	0.2%
115	90	Lower Hutt	1	0.9%	1	1.1%
81	65	Porirua	0	0.0%	0	0.0%
109	94	Nelson	0	0.0%	2	2.1%
1784	1873	Central	44	2.5%	29	1.5%
32	29	Greymouth	0	0.0%	0	0.0%
1260	1193	Christchurch	12	1.0%	12	1.0%
11	23	Ashburton	0	0.0%	0	0.0%
78	67	Timaru	0	0.0%	1	1.5%
224	250	Dunedin	3	1.3%	0	0.0%
263	231	Invercargill/Gore	15	5.7%	9	3.9%
1868	1793	South	30	1.6%	22	1.2%
8756	8060	Total	270	3.1%	186	2.3%

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 1 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	28	24	7	1	0	1	0	0	61
		0.0	7.9	7.3	5.9	1.0	0.0	1.4	0.0	0.0	5.2
	Maori	0	9	5	3	1	1	0	0	0	19
		0.0	18.4	16.1	21.4	11.1	5.9	0.0	0.0	-	14.3
	Pacific Peoples	0	2	4	0	0	0	0	0	0	6
		0.0	4.3	25.0	0.0	0.0	0.0	0.0	0.0	-	7.5
	Other	0	6	4	3	0	0	0	0	0	13
	0.0	10.5	8.0	8.8	0.0	0.0	0.0	0.0	-	6.3	
Unknown	0	0	4	2	0	1	0	0	0	7	
	0.0	0.0	13.3	20.0	0.0	12.5	0.0	0.0	-	3.8	
Total		0	45	41	15	2	2	1	0	0	106
		0.0	7.2	9.0	8.2	1.4	1.4	1.1	0.0	0.0	5.9
Females	European/Pakeha	3	129	69	13	7	3	3	1	0	228
		0.6	1.4	0.8	0.4	0.3	0.2	0.3	0.1	0.0	0.8
	Maori	2	43	16	12	3	2	0	0	0	78
		1.2	3.3	1.8	2.5	1.2	1.4	0.0	0.0	0.0	2.3
	Pacific Peoples	0	8	14	3	2	0	0	0	0	27
		0.0	2.0	2.7	1.4	1.5	0.0	0.0	0.0	-	1.9
	Other	2	32	20	9	3	3	0	1	0	70
	2.4	2.1	1.3	1.2	0.6	0.7	0.0	0.5	0.0	1.3	
Unknown	0	10	8	3	0	1	0	0	0	22	
	0.0	1.3	1.2	0.8	0.0	0.6	0.0	0.0	0.0	0.8	
Total		7	222	127	40	15	9	3	2	0	425
		0.9	1.6	1.1	0.8	0.4	0.4	0.2	0.1	0.0	1.0

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

Gonorrhoea

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

Quarter 1 2005

		Age group (years)								Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44	≥44		Unk
Males	European/Pakeha	0	4	1	0	0	0	0	0	0	5
		0.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Maori	0	1	1	0	0	0	0	0	0	2
		0.0	2.3	4.5	0.0	0.0	0.0	0.0	0.0	-	1.9
	Pacific Peoples	0	1	0	1	0	0	0	0	0	2
		0.0	2.9	0.0	20.0	0.0	0.0	0.0	0.0	-	3.3
	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	-	1.6	
Total		0	6	3	1	0	0	0	0	0	10
		0.0	1.3	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.7
Females	European/Pakeha	0	9	8	0	0	1	0	0	0	18
		0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.1
	Maori	1	5	1	0	0	0	0	0	0	7
		0.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Pacific Peoples	0	1	4	1	0	0	0	0	0	6
		0.0	0.2	0.8	0.5	0.0	0.0	0.0	0.0	-	0.4
	Other	0	3	1	0	0	0	0	0	0	4
	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Unknown	0	3	1	0	0	0	0	0	0	4	
	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
Total		1	21	15	1	0	1	0	0	0	39
		0.1	0.2	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 3.3: Genital Herpes - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 1 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	1	2	0	0	0	0	3
		0.0	0.0	0.0	1.2	3.4	0.0	0.0	0.0	0.0	0.4
	Unknown	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	-	1.6
Total		0	0	0	2	2	0	0	0	0	4
		0.0	0.0	0.0	2.4	3.3	0.0	0.0	0.0	0.0	0.5
Females	European/Pakeha	0	6	9	3	3	1	1	1	0	24
		0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
	Maori	0	2	0	1	1	0	0	0	0	4
		0.0	0.2	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.2
	Other	0	0	2	1	0	1	0	0	0	4
		0.0	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.0	0.1
Unknown	0	1	0	1	0	0	0	1	0	3	
	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.6	0.0	0.1	
Total		0	9	11	6	4	2	1	2	0	35
		0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	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 3.4: Genital Warts - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 1 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	6	6	2	0	0	0	0	0	14
		0.0	1.7	1.8	1.7	0.0	0.0	0.0	0.0	0.0	1.2
	Maori	0	1	1	0	0	0	0	1	0	3
		0.0	16.7	11.1	0.0	0.0	0.0	0.0	50.0	-	10.0
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	-	2.8
	Other	0	1	0	1	0	0	0	0	0	2
		0.0	3.2	0.0	4.3	0.0	0.0	0.0	0.0	-	1.4
Unknown	0	0	0	1	0	0	0	0	0	1	
	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	-	1.7	
Total		0	8	7	5	0	0	0	1	0	21
		0.0	1.8	1.8	3.2	0.0	0.0	0.0	1.1	0.0	1.5
Females	European/Pakeha	1	31	35	7	1	0	0	1	0	76
		0.2	0.3	0.4	0.2	0.0	0.0	0.0	0.1	0.0	0.3
	Maori	1	8	1	0	0	0	0	0	0	10
		0.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	Pacific Peoples	0	2	2	0	0	0	0	0	0	4
		0.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	-	0.4
	Other	0	3	2	0	0	0	1	0	0	6
		0.0	0.3	0.2	0.0	0.0	0.0	0.6	0.0	0.0	0.2
Unknown	0	3	1	1	1	0	0	0	0	6	
	0.0	0.6	0.2	0.4	0.5	0.0	0.0	0.0	0.0	0.4	
Total		2	47	41	8	2	0	1	1	0	102
		0.3	0.4	0.4	0.2	0.1	0.0	0.1	0.1	0.0	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 1 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	8	8	0	0	1	0	0	0	17
		0.0	1.1	0.8	0.0	0.0	1.3	0.0	0.0	-	0.7
	Maori	0	1	1	1	0	0	0	0	0	3
		0.0	0.9	0.7	1.2	0.0	0.0	0.0	0.0	-	0.6
	Other	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	-	0.4
	Unknown	0	1	0	1	0	0	0	0	0	2
		0.0	7.1	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.1
	Total	0	10	11	2	0	1	0	0	0	24
		0.0	1.1	0.8	0.5	0.0	0.7	0.0	0.0	0.0	0.4
Females	European/Pakeha	1	22	23	1	0	0	0	0	0	47
		1.2	0.9	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.6
	Maori	3	14	10	2	0	0	0	0	0	29
		8.3	2.7	1.7	1.4	0.0	0.0	0.0	0.0	-	1.8
	Pacific Peoples	0	1	1	0	0	0	0	0	0	2
		0.0	3.6	1.4	0.0	0.0	0.0	0.0	0.0	-	1.6
	Other	0	1	9	1	0	0	0	0	0	11
		0.0	0.4	1.0	0.3	0.0	0.0	0.0	0.0	-	0.6
	Unknown	0	2	1	1	0	0	0	0	1	5
		0.0	2.8	0.5	2.3	0.0	0.0	0.0	0.0	0.0	0.1
	Total	4	40	44	5	0	0	0	0	1	94
		2.9	1.2	0.9	0.4	0.0	0.0	0.0	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

Gonorrhoea

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

Quarter 1 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	0.5	0.0	0.0	0.0	0.0	0.0	-	0.3
	Total	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Females	European/Pakeha	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	-	0.0
	Maori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	-	0.1
Total	0	0	1	1	0	0	0	0	0	2	
	0.0	0.0	0.1	0.3	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 1 2005

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	-	0.3
	Total	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Females	European/Pakeha	0	3	5	0	0	1	0	0	0	9
		0.0	0.1	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.1
	Total	0	3	5	0	0	1	0	0	0	9
		0.0	0.1	0.2	0.0	0.0	0.5	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 1 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	1	3	0	0	0	0	0	5
		0.0	0.1	0.1	1.3	0.0	0.0	0.0	0.0	-	0.2
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total		0	2	1	3	0	0	0	0	0	6
		0.0	0.3	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.1
Females	European/Pakeha	0	8	3	0	0	0	0	0	0	11
		0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	2	0	0	0	0	0	0	0	2
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	-	1.2
	Other	0	0	1	1	0	0	0	0	0	2
	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	-	0.1	
Unknown	0	1	0	0	0	0	0	0	0	1	
	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total		0	11	5	1	0	0	0	0	0	17
		0.0	0.3	0.1	0.1	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

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>