

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

October to December 2005

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by

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

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

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Introduction

In New Zealand, sexually transmitted infections (STIs) are not notifiable and so surveillance efforts are based predominantly on voluntary data from specialist sexual health clinics (SHCs). Since 1998, STI surveillance has been expanded to include data from family planning clinics (FPCs) and student and youth health clinics (SYHCs). At present 27 SHCs, 36 FPCs and 15 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 28th February 2006. Any data submitted after this date is not included in this report due to time constraints. All results should be regarded as provisional.

Methods

Clinics record anonymous data on the age, sex and ethnicity of all cases meeting one or more of the STI surveillance case definitions (see Appendix). Each month clinics send the demographic data of cases and the total number of clinic visits either directly to ESR or via a regional co-ordinator.

STI Rates

Quarterly clinic-specific disease rates were calculated by dividing the total number of confirmed and probable reported STI cases by the total number of clinic visits made for any reason. This denominator includes all new and follow-up visits made by clinic attendees, whether for sexual or other health reasons. For specialised youth centres (one-stop shops), the denominator does not include non-clinical visits such as career advice and counselling.

The reader should note the following:

- Clinic data cannot be used to calculate population rates.
- STI rates at the different clinical settings are not directly comparable, due to a wide variation in the range of services they provide.
- In contrast to reports published prior to 2004 STI rates are not annualised.

Data completeness

SHCs

Twenty-seven SHCs participate in STI surveillance. All twenty-seven clinics provided STI data by the date required for all three months of the fourth quarter (October to December) 2005.

FPCs

Thirty-six FPCs participate in STI surveillance. All thirty-six clinics provided STI data for the fourth quarter (October to December) 2005. 1/36 (2.8%) of FPCs were not able to provide data by the date required for all three months in this quarter. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

SYHCs

Fifteen SYHCs participate in STI surveillance. Of these, thirteen clinics provided STI data by the date required for all three months of the fourth quarter (October to December) 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 22 997 visits. A total of 1125 confirmed cases of chlamydia, 167 confirmed cases of gonorrhoea, 203 cases of genital herpes, 933 cases of genital warts, 14 cases of syphilis and 268 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 46 466 visits. A total of 620 confirmed cases of chlamydia, 46 confirmed cases of gonorrhoea, 28 cases of genital herpes, 140 cases of genital warts and 3 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.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 33 439 visits. A total of 132 confirmed cases of chlamydia, 5 confirmed cases of gonorrhoea, 2 cases of genital herpes and 26 cases of genital warts were reported. There were no cases of syphilis or NSU in males 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 October to December 2005, compared to the equivalent quarter of 2004.

Clinical setting	STI	October to December 2004		October to December 2005		Rate ² change ³ between quarters
		Total ¹ number of cases	Rate ² (%)	Total ¹ number of cases	Rate ² (%)	
SHCs	Chlamydia	1219	5.6	1300	5.7	▲
	Gonorrhoea	183	0.8	183	0.8	—
	Genital herpes	192	0.9	203	0.9	—
	Genital warts	951	4.4	933	4.1	▼
	Syphilis	10	0.0	14	0.1	▲
	NSU (Males Only)	229	2.5	268	2.8	▲
FPCs	Chlamydia	510	1.1	710	1.5	▲
	Gonorrhoea	29	0.1	50	0.1	—
	Genital herpes	37	0.1	28	0.1	—
	Genital warts	143	0.3	140	0.3	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	1	0.1	3	0.1	—
SYHCs	Chlamydia	109	0.3	133	0.4	▲
	Gonorrhoea	3	0.0	5	0.0	—
	Genital herpes	6	0.0	2	0.0	—
	Genital warts	31	0.1	26	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	0	0.0	0	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 4 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. 7,745	367	77	50	344	6
	Rate ³	4.7%	1.0%	0.6%	4.4%	0.1%
Family Planning Clinics	No. 20,258	318	20	9	54	0
	Rate ³	1.6%	0.1%	0.0%	0.3%	0.0%
Student & Youth Health	No. 8,021	21	0	0	3	0
	Rate ³	0.3%	0.0%	0.0%	0.0%	0.0%
Subtotal North	36,024	706	97	59	401	6
Midland						
Sexual Health Clinics	No. 6,296	474	59	56	216	4
	Rate ³	7.5%	0.9%	0.9%	3.4%	0.1%
Family Planning Clinics	No. 5,392	109	4	2	20	0
	Rate ³	2.0%	0.1%	0.0%	0.4%	0.0%
Student & Youth Health	No. 10,033	24	1	1	7	0
	Rate ³	0.2%	0.0%	0.0%	0.1%	0.0%
Subtotal Midland	21,721	607	64	59	243	4
Central						
Sexual Health Clinics	No. 5,126	284	26	40	195	3
	Rate ³	5.5%	0.5%	0.8%	3.8%	0.1%
Family Planning Clinics	No. 9,143	153	20	11	33	0
	Rate ³	1.7%	0.2%	0.1%	0.4%	0.0%
Student & Youth Health	No. 5,609	46	1	1	11	0
	Rate ³	0.8%	0.0%	0.0%	0.2%	0.0%
Subtotal Central	19,878	483	47	52	239	3
South						
Sexual Health Clinics	No. 3,830	175	21	57	178	1
	Rate ³	4.6%	0.5%	1.5%	4.6%	0.0%
Family Planning Clinics	No. 11,673	130	6	6	33	0
	Rate ³	1.1%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 9,776	42	3	0	5	0
	Rate ³	0.4%	0.0%	0.0%	0.1%	0.0%
Subtotal South	25,279	347	30	63	216	1
All						
Sexual Health Clinics	No. 22,997	1,300	183	203	933	14
	Rate.	5.7%	0.8%	0.9%	4.1%	0.1%
Family Planning Clinics	No. 46,466	710	50	28	140	0
	Rate.	1.5%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 33,439	133	5	2	26	0
	Rate.	0.4%	0.0%	0.0%	0.1%	0.0%
Total	No. 102,902	2,143	238	233	1,099	14
	Rate.	2.1%	0.2%	0.2%	1.1%	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	1089	83.8%	30	2.3%	6	0.5%	175	13.5%	1300
Family Planning Clinics	601	84.6%	18	2.5%	1	0.1%	90	12.7%	710
Student & Youth Health Clinics	110	82.7%	22	16.5%	0	0.0%	1	0.8%	133
Total	1800	84.0%	70	3.3%	7	0.3%	266	12.4%	2143

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		No. ¹	% ²
Sexual Health Clinics	146	78.5%	13	7.0%	4	2.2%	6	3.2%	1	0.5%	16	8.6%	186
Family Planning Clinics	43	86.0%	0	0.0%	3	6.0%	0	0.0%	0	0.0%	4	8.0%	50
Student & Youth Health Clinics	5	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5
Total	194	80.5%	13	5.4%	7	2.9%	6	2.5%	1	0.4%	20	8.3%	241

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 4

<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>No.² Total</u>	<u>Rate³</u>	<u>No. Confirmed</u>	<u>No.² Total</u>	<u>Rate³</u>
324	355	Whangarei	20	20	6.2%	20	20	5.6%
0	151	Dargaville	0	0	0.0%	6	6	4.0%
102	88	Kaikohe	6	6	5.9%	7	7	8.0%
5909	7151	Auckland	216	232	3.9%	334	334	4.7%
6335	7745	North	242	258	4.1%	367	367	4.7%
2086	2179	Hamilton	142	145	7.0%	159	171	7.8%
2054	1929	Tauranga	120	121	5.9%	92	93	4.8%
361	315	Rotorua	24	25	6.9%	22	26	8.3%
265	250	Whakatane	21	21	7.9%	25	25	10.0%
215	199	Taupo	21	27	12.6%	7	18	9.0%
645	672	New Plymouth	84	97	15.0%	68	95	14.1%
798	752	Gisborne	40	40	5.0%	46	46	6.1%
6424	6296	Midland	452	476	7.4%	419	474	7.5%
309	222	Napier	42	42	13.6%	22	22	9.9%
79	123	Hastings	11	11	13.9%	14	14	11.4%
258	268	Wanganui	27	28	10.9%	7	13	4.9%
1031	904	Palmerston North/Levin/Dannevirke	41	71	6.9%	62	94	10.4%
2639	2534	Wellington	47	67	2.5%	54	87	3.4%
132	290	Lower Hutt	1	3	2.3%	4	7	2.4%
154	146	Porirua	8	14	9.1%	10	10	6.8%
380	527	Nelson	16	16	4.2%	16	27	5.1%
130	112	Wairau (Blenheim)	7	10	7.7%	10	10	8.9%
5112	5126	Central	200	262	5.1%	199	284	5.5%
142	104	Greymouth	6	14	9.9%	3	3	2.9%
0	49	Westport/Buller	0	0	0.0%	3	6	12.2%
2103	2115	Christchurch	57	82	3.9%	58	74	3.5%
36	28	Ashburton	2	2	5.6%	0	0	0.0%
121	162	Timaru	13	13	10.7%	8	9	5.6%
874	826	Dunedin	26	31	3.5%	32	36	4.4%
656	546	Invercargill/Gore	61	81	12.3%	36	47	8.6%
3932	3830	South	165	223	5.7%	140	175	4.6%
21803	22997	Total	1059	1219	5.6%	1125	1300	5.7%

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 2.2: Chlamydia - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 4 2005

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	53	138	104	40	22	15	16	0	388
		0.0	8.9	8.2	8.1	3.8	3.2	2.5	1.6	0.0	5.6
	Maori	4	47	71	30	11	7	2	2	0	174
		33.3	20.6	20.6	14.0	6.8	9.6	5.0	3.5	-	15.4
	Pacific Peoples	0	17	18	8	5	1	0	1	0	50
		0.0	40.5	17.8	9.9	11.1	5.6	0.0	3.2	-	15.2
	Other	0	1	20	16	5	0	2	1	0	45
		0.0	1.9	8.3	7.1	3.2	0.0	1.9	1.0	0.0	4.4
Unknown	0	1	1	0	0	0	0	0	0	2	
	0.0	8.3	5.0	0.0	0.0	0.0	0.0	0.0	-	2.4	
Total		4	119	248	158	61	30	19	20	0	659
		16.0	12.8	10.4	8.7	4.3	3.3	2.4	1.6	0.0	6.9
Females	European/Pakeha	7	153	100	34	13	5	6	6	0	324
		5.3	5.5	4.3	2.7	1.5	1.0	1.4	1.3	0.0	3.7
	Maori	11	126	60	30	11	3	4	1	0	246
		9.8	10.1	8.1	7.2	4.7	2.3	4.8	1.3	-	8.1
	Pacific Peoples	0	9	5	7	5	1	0	0	0	27
		0.0	6.0	4.1	9.9	8.8	3.4	0.0	0.0	-	5.7
	Other	0	15	11	6	5	3	0	0	0	40
		0.0	11.2	3.7	2.4	2.9	3.8	0.0	0.0	-	3.7
Unknown	0	4	0	0	0	0	0	0	0	4	
	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	-	8.9	
Total		18	307	176	77	34	12	10	7	0	641
		7.1	7.1	5.1	3.9	2.5	1.6	1.7	1.0	0.0	4.8

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

Gonorrhoea

Table 2.3: Gonorrhoea - Disease rates by SHC

Quarter 4

<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>
324	355	Whangarei	4	4	1.2%	2	2	0.6%
0	151	Dargaville	0	0	0.0%	0	0	0.0%
102	88	Kaikohe	0	0	0.0%	0	0	0.0%
5909	7151	Auckland	82	86	1.5%	75	75	1.0%
6335	7745	North	86	90	1.4%	77	77	1.0%
2086	2179	Hamilton	13	13	0.6%	35	40	1.8%
2054	1929	Tauranga	11	11	0.5%	7	7	0.4%
361	315	Rotorua	9	9	2.5%	6	6	1.9%
265	250	Whakatane	4	4	1.5%	1	1	0.4%
215	199	Taupo	1	1	0.5%	1	1	0.5%
645	672	New Plymouth	1	1	0.2%	3	3	0.4%
798	752	Gisborne	8	8	1.0%	1	1	0.1%
6424	6296	Midland	47	47	0.7%	54	59	0.9%
309	222	Napier	2	2	0.6%	1	1	0.5%
79	123	Hastings	2	2	2.5%	8	8	6.5%
258	268	Wanganui	3	3	1.2%	1	1	0.4%
1031	904	Palmerston North/Levin/Dannevirke	7	8	0.8%	2	3	0.3%
2639	2534	Wellington	14	14	0.5%	5	5	0.2%
132	290	Lower Hutt	0	0	0.0%	0	0	0.0%
154	146	Porirua	1	1	0.6%	1	1	0.7%
380	527	Nelson	0	0	0.0%	2	6	1.1%
130	112	Wairau (Blenheim)	1	2	1.5%	1	1	0.9%
5112	5126	Central	30	32	0.6%	21	26	0.5%
142	104	Greymouth	0	0	0.0%	0	0	0.0%
0	49	Westport/Buller	0	0	0.0%	1	1	2.0%
2103	2115	Christchurch	9	9	0.4%	4	6	0.3%
36	28	Ashburton	0	0	0.0%	1	1	3.6%
121	162	Timaru	3	3	2.5%	3	3	1.9%
874	826	Dunedin	2	2	0.2%	2	5	0.6%
656	546	Invercargill/Gore	0	0	0.0%	4	5	0.9%
3932	3830	South	14	14	0.4%	15	21	0.5%
21803	22997	Total	177	183	0.8%	167	183	0.8%

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 2.4: Gonorrhoea - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 4 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	21	15	4	6	2	8	0	63
		0.0	1.2	1.2	1.2	0.4	0.9	0.3	0.8	0.0	0.9
	Maori	3	6	13	10	5	0	0	1	0	38
		25.0	2.6	3.8	4.7	3.1	0.0	0.0	1.8	-	3.4
	Pacific Peoples	0	1	4	4	1	0	0	0	0	10
		0.0	2.4	4.0	4.9	2.2	0.0	0.0	0.0	-	3.0
	Other	0	0	4	2	1	0	0	2	0	9
		0.0	0.0	1.7	0.9	0.6	0.0	0.0	2.0	0.0	0.9
	Unknown	0	0	0	0	0	1	0	1	0	2
		0.0	0.0	0.0	0.0	0.0	8.3	0.0	10.0	-	2.4
Total	3	14	42	31	11	7	2	12	0	122	
	12.0	1.5	1.8	1.7	0.8	0.8	0.3	1.0	0.0	1.3	
Females	European/Pakeha	0	10	5	3	0	1	0	1	0	20
		0.0	0.4	0.2	0.2	0.0	0.2	0.0	0.2	0.0	0.2
	Maori	2	16	12	3	1	2	0	0	0	36
		1.8	1.3	1.6	0.7	0.4	1.6	0.0	0.0	-	1.2
	Pacific Peoples	0	0	0	1	0	1	0	0	0	2
		0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	-	1.4
	Other	0	1	1	0	0	0	0	0	0	2
		0.0	1.9	0.9	0.0	0.0	0.0	0.0	0.0	-	0.4
	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	-	3.2
Total	2	28	18	7	1	4	0	1	0	61	
	0.8	0.7	0.6	0.4	0.1	0.6	0.0	0.2	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 4

<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>	
324	355	Whangarei	1	0.3%	5	1.4%
0	151	Dargaville	0	0.0%	0	0.0%
102	88	Kaikohe	0	0.0%	0	0.0%
5909	7151	Auckland	44	0.7%	45	0.6%
6335	7745	North	45	0.7%	50	0.6%
2086	2179	Hamilton	20	1.0%	27	1.2%
2054	1929	Tauranga	23	1.1%	12	0.6%
361	315	Rotorua	3	0.8%	4	1.3%
265	250	Whakatane	2	0.8%	2	0.8%
215	199	Taupo	2	0.9%	1	0.5%
645	672	New Plymouth	7	1.1%	10	1.5%
798	752	Gisborne	0	0.0%	0	0.0%
6424	6296	Midland	57	0.9%	56	0.9%
309	222	Napier	6	1.9%	2	0.9%
79	123	Hastings	0	0.0%	1	0.8%
258	268	Wanganui	2	0.8%	4	1.5%
1031	904	Palmerston North/Levin/Dannevirke	13	1.3%	4	0.4%
2639	2534	Wellington	16	0.6%	19	0.7%
132	290	Lower Hutt	0	0.0%	2	0.7%
154	146	Porirua	3	1.9%	0	0.0%
380	527	Nelson	4	1.1%	7	1.3%
130	112	Wairau (Blenheim)	1	0.8%	1	0.9%
5112	5126	Central	45	0.9%	40	0.8%
142	104	Greymouth	3	2.1%	6	5.8%
0	49	Westport/Buller	0	0.0%	0	0.0%
2103	2115	Christchurch	23	1.1%	32	1.5%
36	28	Ashburton	0	0.0%	0	0.0%
121	162	Timaru	6	5.0%	6	3.7%
874	826	Dunedin	6	0.7%	9	1.1%
656	546	Invercargill/Gore	7	1.1%	4	0.7%
3932	3830	South	45	1.1%	57	1.5%
21803	22997	Total	192	0.9%	203	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 4 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	3	20	14	15	8	11	6	0	77
		0.0	0.5	1.2	1.1	1.4	1.2	1.8	0.6	0.0	1.1
	Maori	0	5	0	2	2	1	3	0	0	13
		0.0	2.2	0.0	0.9	1.2	1.4	7.5	0.0	-	1.2
	Other	0	1	1	1	0	1	0	0	0	4
	0.0	1.9	0.4	0.4	0.0	0.7	0.0	0.0	0.0	0.4	
Unknown	0	1	0	0	1	1	0	1	0	4	
	0.0	8.3	0.0	0.0	10.0	6.3	0.0	6.3	-	4.3	
Total		0	10	21	17	18	11	14	7	0	98
		0.0	1.1	0.9	1.0	1.3	1.2	1.8	0.6	0.0	1.1
Females	European/Pakeha	0	14	25	21	12	8	3	9	0	92
		0.0	0.5	1.1	1.7	1.4	1.6	0.7	1.9	0.0	1.1
	Maori	1	2	1	0	0	0	0	0	0	4
		1.9	0.4	0.4	0.0	0.0	0.0	0.0	0.0	-	0.3
	Other	0	3	1	1	0	0	2	0	0	7
	0.0	2.2	0.3	0.4	0.0	0.0	2.5	0.0	-	0.6	
Unknown	0	1	0	0	1	0	0	0	0	2	
	0.0	10.0	0.0	0.0	16.7	0.0	0.0	0.0	-	4.4	
Total		1	20	27	22	13	8	5	9	0	105
		0.5	0.6	0.9	1.3	1.1	1.3	0.9	1.5	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 4

<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>	
324	355	Whangarei	6	1.9%	10	2.8%
0	151	Dargaville	0	0.0%	0	0.0%
102	88	Kaikohe	0	0.0%	0	0.0%
5909	7151	Auckland	251	4.2%	334	4.7%
6335	7745	North	257	4.1%	344	4.4%
2086	2179	Hamilton	109	5.2%	86	3.9%
2054	1929	Tauranga	74	3.6%	77	4.0%
361	315	Rotorua	24	6.6%	15	4.8%
265	250	Whakatane	10	3.8%	9	3.6%
215	199	Taupo	9	4.2%	1	0.5%
645	672	New Plymouth	38	5.9%	28	4.2%
798	752	Gisborne	0	0.0%	0	0.0%
6424	6296	Midland	264	4.1%	216	3.4%
309	222	Napier	21	6.8%	15	6.8%
79	123	Hastings	5	6.3%	5	4.1%
258	268	Wanganui	9	3.5%	21	7.8%
1031	904	Palmerston North/Levin/Dannevirke	45	4.4%	28	3.1%
2639	2534	Wellington	85	3.2%	69	2.7%
132	290	Lower Hutt	15	11.4%	15	5.2%
154	146	Porirua	8	5.2%	8	5.5%
380	527	Nelson	24	6.3%	23	4.4%
130	112	Wairau (Blenheim)	13	10.0%	11	9.8%
5112	5126	Central	225	4.4%	195	3.8%
142	104	Greymouth	10	7.0%	9	8.7%
0	49	Westport/Buller	0	0.0%	0	0.0%
2103	2115	Christchurch	98	4.7%	94	4.4%
36	28	Ashburton	3	8.3%	2	7.1%
121	162	Timaru	6	5.0%	8	4.9%
874	826	Dunedin	46	5.3%	35	4.2%
656	546	Invercargill/Gore	42	6.4%	30	5.5%
3932	3830	South	205	5.2%	178	4.6%
21803	22997	Total	951	4.4%	933	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 4 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	30	115	60	44	19	16	22	1	307
		0.0	5.0	6.8	4.7	4.1	2.8	2.6	2.2	25.0	4.4
	Maori	0	14	24	5	5	1	0	1	0	50
		0.0	6.1	7.0	2.3	3.1	1.4	0.0	1.8	-	4.4
	Pacific Peoples	0	2	8	3	1	0	0	0	0	14
		0.0	4.8	7.9	3.7	2.2	0.0	0.0	0.0	-	4.3
	Other	0	3	14	10	4	1	5	4	0	41
	0.0	5.7	5.8	4.5	2.5	0.7	4.7	4.0	0.0	4.0	
Unknown	0	6	4	3	0	0	0	0	0	13	
	0.0	33.3	13.3	13.6	0.0	0.0	0.0	0.0	-	9.2	
Total		0	55	165	81	54	21	21	27	1	425
		0.0	5.9	6.9	4.4	3.8	2.3	2.7	2.2	20.0	4.4
Females	European/Pakeha	4	147	114	40	27	11	6	6	1	356
		3.0	5.3	5.0	3.2	3.0	2.2	1.4	1.3	11.1	4.1
	Maori	1	46	26	9	4	1	1	0	0	88
		0.9	3.7	3.5	2.2	1.7	0.8	1.2	0.0	-	2.9
	Pacific Peoples	0	5	6	3	2	1	0	0	0	17
		0.0	3.3	4.9	4.2	3.5	3.4	0.0	0.0	-	3.6
	Other	0	6	12	11	9	1	3	1	0	43
	0.0	4.5	4.1	4.5	5.3	1.3	3.8	1.1	-	3.9	
Unknown	0	3	1	0	0	0	0	0	0	4	
	0.0	30.0	20.0	0.0	0.0	0.0	0.0	0.0	-	8.9	
Total		5	207	159	63	42	14	10	7	1	508
		2.0	4.8	4.6	3.2	3.1	1.9	1.7	1.0	11.1	3.8

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

Syphilis

Table 2.9: Syphilis - Disease rates by SHC

Quarter 4

<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>	
324	355	Whangarei	0	0.0%	0	0.0%
0	151	Dargaville	0	0.0%	0	0.0%
102	88	Kaikohe	0	0.0%	0	0.0%
5909	7151	Auckland	2	0.0%	6	0.1%
6335	7745	North	2	0.0%	6	0.1%
2086	2179	Hamilton	4	0.2%	2	0.1%
2054	1929	Tauranga	1	0.0%	0	0.0%
361	315	Rotorua	0	0.0%	0	0.0%
265	250	Whakatane	0	0.0%	0	0.0%
215	199	Taupo	0	0.0%	1	0.5%
645	672	New Plymouth	0	0.0%	1	0.1%
798	752	Gisborne	0	0.0%	0	0.0%
6424	6296	Midland	5	0.1%	4	0.1%
309	222	Napier	0	0.0%	0	0.0%
79	123	Hastings	0	0.0%	0	0.0%
258	268	Wanganui	0	0.0%	0	0.0%
1031	904	Palmerston North/Levin/Dannevirke	0	0.0%	0	0.0%
2639	2534	Wellington	3	0.1%	2	0.1%
132	290	Lower Hutt	0	0.0%	0	0.0%
154	146	Porirua	0	0.0%	1	0.7%
380	527	Nelson	0	0.0%	0	0.0%
130	112	Wairau (Blenheim)	0	0.0%	0	0.0%
5112	5126	Central	3	0.1%	3	0.1%
142	104	Greymouth	0	0.0%	0	0.0%
0	49	Westport/Buller	0	0.0%	0	0.0%
2103	2115	Christchurch	0	0.0%	1	0.0%
36	28	Ashburton	0	0.0%	0	0.0%
121	162	Timaru	0	0.0%	0	0.0%
874	826	Dunedin	0	0.0%	0	0.0%
656	546	Invercargill/Gore	0	0.0%	0	0.0%
3932	3830	South	0	0.0%	1	0.0%
21803	22997	Total	10	0.0%	14	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 4 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	0	2	0	0	2	0	4
		0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.1
	Other	0	0	3	0	0	0	1	0	0	4
		0.0	0.0	1.8	0.0	0.0	0.0	1.2	0.0	-	0.5
	Unknown	0	1	0	0	0	0	0	1	0	2
	0.0	8.3	0.0	0.0	0.0	0.0	0.0	6.3	-	2.2	
Total		0	1	3	0	2	0	1	3	0	10
		0.0	0.2	0.2	0.0	0.2	0.0	0.2	0.4	0.0	0.2
Females	European/Pakeha	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
	Pacific Peoples	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	-	0.6
	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	3.7	-	0.3	
Total		0	0	2	0	1	0	0	1	0	4
		0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.4	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 4

<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>	
90	96	Whangarei	0	0.0%	0	0.0%
0	2	Dargaville	0	0.0%	0	0.0%
4	7	Kaikohe	0	0.0%	0	0.0%
2945	3613	Auckland	90	3.1%	155	4.3%
3039	3718	North	90	3.0%	155	4.2%
727	801	Hamilton	12	1.7%	21	2.6%
400	382	Tauranga	15	3.7%	19	5.0%
131	145	Rotorua	1	0.8%	0	0.0%
59	44	Whakatane	6	10.2%	1	2.3%
52	49	Taupo	0	0.0%	0	0.0%
278	270	New Plymouth	28	10.1%	14	5.2%
90	71	Gisborne	0	0.0%	0	0.0%
1737	1762	Midland	62	3.6%	55	3.1%
75	50	Napier	0	0.0%	0	0.0%
20	29	Hastings	0	0.0%	0	0.0%
95	96	Wanganui	5	5.3%	1	1.0%
484	366	Palmerston North/Levin/Dannevirke	41	8.5%	23	6.3%
1260	1230	Wellington	0	0.0%	1	0.1%
53	123	Lower Hutt	0	0.0%	0	0.0%
72	56	Porirua	0	0.0%	0	0.0%
199	282	Nelson	8	4.0%	6	2.1%
66	50	Wairau (Blenheim)	1	1.5%	0	0.0%
2324	2282	Central	55	2.4%	31	1.4%
37	36	Greymouth	0	0.0%	1	2.8%
0	11	Westport/Buller	0	0.0%	0	0.0%
1249	1122	Christchurch	14	1.1%	16	1.4%
20	15	Ashburton	0	0.0%	0	0.0%
57	89	Timaru	0	0.0%	0	0.0%
305	283	Dunedin	2	0.7%	0	0.0%
276	257	Invercargill/Gore	6	2.2%	10	3.9%
1944	1813	South	22	1.1%	27	1.5%
9044	9575	Total	229	2.5%	268	2.8%

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 4 2005

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	25	42	7	2	0	1	0	0	77
		0.0	5.2	9.3	4.5	1.7	0.0	1.1	0.0	0.0	5.0
	Maori	0	11	10	3	2	0	0	0	0	26
		0.0	20.8	19.2	23.1	13.3	0.0	0.0	0.0	-	17.1
	Pacific Peoples	0	3	3	0	0	0	0	0	0	6
		0.0	12.5	15.8	0.0	0.0	0.0	0.0	0.0	0.0	8.2
	Other	1	5	14	3	0	1	0	0	1	25
		11.1	7.5	18.4	7.7	0.0	7.1	0.0	0.0	50.0	10.1
	Unknown	0	2	5	1	0	0	0	0	0	8
		0.0	5.7	15.2	6.7	0.0	0.0	0.0	0.0	0.0	6.7
Total		1	46	74	14	4	1	1	0	1	142
		2.0	7.0	11.7	6.0	2.4	0.6	0.9	0.0	4.5	6.7
Females	European/Pakeha	5	150	112	21	5	4	1	4	0	302
		0.8	1.3	1.2	0.6	0.2	0.2	0.1	0.3	0.0	1.0
	Maori	5	52	38	10	1	1	0	0	0	107
		2.6	3.4	4.0	2.6	0.5	0.6	0.0	0.0	0.0	3.0
	Pacific Peoples	0	14	10	4	1	0	0	0	1	30
		0.0	2.6	2.0	1.9	0.8	0.0	0.0	0.0	50.0	2.0
	Other	4	52	35	7	3	1	0	1	0	103
		3.0	2.6	2.0	0.9	0.6	0.3	0.0	0.5	0.0	1.7
	Unknown	0	13	8	3	0	0	0	1	1	26
		0.0	2.1	1.5	1.3	0.0	0.0	0.0	0.6	3.2	1.3
Total		14	281	203	45	10	6	1	6	2	568
		1.4	1.8	1.6	0.9	0.3	0.3	0.1	0.3	2.5	1.3

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

Gonorrhoea

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

Quarter 4 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	3	0	0	0	0	0	1	4
		0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	6.7	0.3
	Maori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	-	2.0
	Other	0	1	1	0	0	0	0	0	1	3
		0.0	4.8	3.7	0.0	0.0	0.0	0.0	0.0	100.0	3.5
	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	50.0	2.1	
Total		0	1	5	0	0	0	0	0	3	9
		0.0	0.2	1.0	0.0	0.0	0.0	0.0	0.0	16.7	0.5
Females	European/Pakeha	1	4	5	0	0	0	0	0	1	11
		0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.9	0.0
	Maori	2	8	1	0	1	0	1	0	0	13
		1.1	0.5	0.1	0.0	0.5	0.0	1.0	0.0	0.0	0.4
	Pacific Peoples	0	4	3	0	0	0	0	0	1	8
		0.0	0.8	0.6	0.0	0.0	0.0	0.0	0.0	50.0	0.5
	Other	0	2	1	2	0	0	0	0	0	5
	0.0	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	
Unknown	0	1	0	1	0	0	0	0	2	4	
	0.0	0.5	0.0	1.4	0.0	0.0	0.0	0.0	16.7	0.6	
Total		3	19	10	3	1	0	1	0	4	41
		0.3	0.1	0.1	0.1	0.0	0.0	0.1	0.0	6.6	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 4 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	1	3	0	0	0	0	0	0	4
		0.0	0.3	1.0	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	4.3	6.3	0.0	0.0	0.0	0.0	0.0	-	4.0
	Other	0	0	1	0	0	0	0	0	0	1
	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	-	1.3	
Total		0	2	5	0	0	0	0	0	0	7
		0.0	0.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Females	European/Pakeha	0	5	7	3	2	1	0	0	0	18
		0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1
	Maori	0	1	1	1	0	0	0	0	0	3
		0.0	0.1	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.1
Total		0	6	8	4	2	1	0	0	0	21
		0.0	0.0	0.1	0.1	0.1	0.1	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 3.4: Genital Warts - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 4 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	0	1	0	0	0	0	15
		0.0	1.3	1.8	0.0	0.8	0.0	0.0	0.0	0.0	1.0
	Maori	0	2	4	0	1	0	0	0	0	7
		0.0	3.8	7.7	0.0	6.7	0.0	0.0	0.0	-	4.6
	Other	0	1	4	0	0	0	0	0	0	5
		0.0	1.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0
	Unknown	0	1	1	0	0	1	0	0	0	3
	0.0	5.3	4.3	0.0	0.0	10.0	0.0	0.0	0.0	3.7	
Total		0	10	17	0	2	1	0	0	0	30
		0.0	1.6	2.8	0.0	1.3	0.6	0.0	0.0	0.0	1.5
Females	European/Pakeha	1	37	23	4	2	2	3	0	0	72
		0.2	0.3	0.3	0.1	0.1	0.1	0.3	0.0	0.0	0.2
	Maori	0	13	2	0	0	0	0	0	0	15
		0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	2	0	2	0	1	0	0	0	5
		0.0	0.5	0.0	1.4	0.0	2.0	0.0	0.0	0.0	0.5
	Other	0	7	5	2	0	0	0	0	0	14
	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2	
Unknown	0	1	2	1	0	0	0	0	0	4	
	0.0	0.2	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.2	
Total		1	60	32	9	2	3	3	0	0	110
		0.1	0.4	0.3	0.2	0.1	0.1	0.2	0.0	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 4 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	3	2	0	0	0	0	0	13
		0.0	1.8	0.3	0.6	0.0	0.0	0.0	0.0	-	0.5
	Maori	0	5	3	1	1	0	0	0	0	10
		0.0	4.5	1.8	1.5	2.0	0.0	0.0	0.0	-	1.9
	Other	0	1	2	1	0	0	0	0	0	4
		0.0	1.1	0.6	0.6	0.0	0.0	0.0	0.0	-	0.5
	Unknown	0	1	1	0	0	0	0	0	0	2
		0.0	25.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	15	9	4	1	0	0	0	0	29
		0.0	2.3	0.5	0.7	0.5	0.0	0.0	0.0	0.0	0.3
Females	European/Pakeha	1	23	25	6	1	2	0	0	0	58
		1.8	1.2	0.6	0.8	0.3	1.0	0.0	0.0	0.0	0.7
	Maori	1	9	15	1	0	0	0	0	0	26
		2.9	2.5	2.3	0.6	0.0	0.0	0.0	0.0	-	1.6
	Pacific Peoples	0	0	5	0	0	0	0	0	0	5
		0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	-	2.1
Other	0	1	7	1	0	0	0	0	0	9	
	0.0	0.5	0.7	0.3	0.0	0.0	0.0	0.0	-	0.4	
Unknown	0	4	2	0	0	0	0	0	0	6	
	0.0	25.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
	Total	2	37	54	8	1	2	0	0	0	104
		1.9	1.4	0.9	0.6	0.2	0.6	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 4 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	Maori	0	1	1	0	0	0	0	0	0	2
		0.0	1.4	0.9	0.0	0.0	0.0	0.0	0.0	-	0.6
	Other	0	0	1	0	0	0	0	0	0	1
	Total	0	1	2	0	0	0	0	0	0	3
		0.0	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Females	European/Pakeha	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	0.1	0.6	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	0.6	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 4 2005

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Females	European/Pakeha	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Other	0	1	0	0	0	0	0	0	0	1
		0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
	Total	0	1	1	0	0	0	0	0	0	2
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Genital Warts (first presentation)

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

Quarter 4 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	0	2	
		0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2
	Maori	0	1	0	0	0	0	0	0	0	0	1
		0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.0
	Other	0	0	1	0	0	0	0	0	0	0	1
		0.0	0.0	0.6	0.0	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	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
	Total	0	2	3	0	0	0	0	0	0	5	
		0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Females	European/Pakeha	1	6	7	0	0	0	0	0	0	14	
		1.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
	Maori	0	2	1	0	0	0	0	0	0	3	
		0.0	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2
	Other	0	1	2	1	0	0	0	0	0	4	
		0.0	0.6	0.2	0.4	0.0	0.0	0.0	0.0	0.0	-	0.2
	Total	1	9	10	1	0	0	0	0	0	21	
		1.1	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	

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

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>