

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

October to December 2004

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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 accessed by emailing 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 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 28th February 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. All twenty-five clinics provided STI data by the date required for all three months of the fourth quarter (October to December) 2004.

FPCs

Thirty-nine FPCs participate in STI surveillance. Of these, 39 provided STI data for the fourth quarter (October to December) 2004. 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. All sixteen clinics provided STI data for the fourth quarter (October to December) 2004. 4/16 (25%) of SYHCs were not able to provide data for all three months in this quarter. It should be noted that these four SYHCs based in schools or tertiary institutions were closed in December during school holidays.

Overview

Sexual Health Clinics (SHCs)

During the current quarter, SHCs reported 21 803 visits. A total of 1059 confirmed cases of chlamydia, 176 confirmed cases of gonorrhoea, 192 cases of genital herpes, 950 cases of genital warts, 10 cases of syphilis and 229 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2003 are shown in Table 1.

Family Planning Clinics (FPCs)

During the current quarter, FPCs reported 46 300 visits. A total of 434 confirmed cases of chlamydia, 26 confirmed cases of gonorrhoea, 37 cases of genital herpes, 143 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 2003 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 36 485 visits. A total of 120 confirmed cases of chlamydia, 8 confirmed cases of gonorrhoea, 6 cases of genital herpes and 33 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 2003 are shown in Table 1.

Table 1. Number and rate of STIs reported by SHCs, FPCs and SYHCs in October to December 2004, compared to the equivalent quarter of 2003.

Clinical setting	STI	October – December 2003		October - December 2004		Rate ² change ³ between quarters
		Total ¹ number of cases	Rate ² (%)	Total ¹ number of cases	Rate ² (%)	
SHCs	Chlamydia	961	4.8	1219	5.6	▲
	Gonorrhoea	155	0.8	182	0.8	—
	Genital herpes	172	0.9	192	0.9	—
	Genital warts	847	4.3	950	4.4	▲
	Syphilis	6	0.0	10	0.0	—
	NSU (Males Only)	282	3.3	229	2.5	▼
FPCs	Chlamydia	515	1.1	512	1.1	—
	Gonorrhoea	43	0.1	29	0.1	—
	Genital herpes	42	0.1	37	0.1	—
	Genital warts	116	0.2	143	0.3	▲
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	3	0.2	1	0.1	▼
SYHCs	Chlamydia ³	64	0.2	126	0.3	▲
	Gonorrhoea ³	6	0.0	8	0.0	—
	Genital herpes	3	0.0	6	0.0	—
	Genital warts	22	0.1	33	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	7	0.1	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 2004

<u>Clinic Type, by area</u>	<u>Total Clinic</u> <u>Visits¹</u>	<u>Chlamydia²</u>	<u>Gonorrhoea²</u>	<u>Genital</u> <u>Herpes[^]</u>	<u>Genital</u> <u>Warts[^]</u>	<u>Syphilis[*]</u>
North						
Sexual Health Clinics	No. 6,335	258	90	45	257	2
	Rate ³	4.1%	1.4%	0.7%	4.1%	0.0%
Family Planning Clinics	No. 21,621	218	18	2	54	0
	Rate ³	1.0%	0.1%	0.0%	0.2%	0.0%
Student & Youth Health	No. 10,991	5	0	2	4	0
	Rate ³	0.0%	0.0%	0.0%	0.0%	0.0%
Subtotal North	38,947	481	108	49	315	2
Midland						
Sexual Health Clinics	No. 6,424	476	47	57	264	5
	Rate ³	7.4%	0.7%	0.9%	4.1%	0.1%
Family Planning Clinics	No. 4,418	37	4	1	9	0
	Rate ³	0.8%	0.1%	0.0%	0.2%	0.0%
Student & Youth Health	No. 8,750	21	1	0	7	0
	Rate ³	0.2%	0.0%	0.0%	0.1%	0.0%
Subtotal Midland	19,592	534	52	58	280	5
Central						
Sexual Health Clinics	No. 5,112	262	31	45	224	3
	Rate ³	5.1%	0.6%	0.9%	4.4%	0.1%
Family Planning Clinics	No. 8,899	165	7	24	41	0
	Rate ³	1.9%	0.1%	0.3%	0.5%	0.0%
Student & Youth Health	No. 6,584	62	7	2	17	0
	Rate ³	0.9%	0.1%	0.0%	0.3%	0.0%
Subtotal Central	20,595	489	45	71	282	3
South						
Sexual Health Clinics	No. 3,932	223	14	45	205	0
	Rate ³	5.7%	0.4%	1.1%	5.2%	0.0%
Family Planning Clinics	No. 11,362	92	0	10	39	0
	Rate ³	0.8%	0.0%	0.1%	0.3%	0.0%
Student & Youth Health	No. 10,160	38	0	2	5	0
	Rate ³	0.4%	0.0%	0.0%	0.0%	0.0%
Subtotal South	25,454	353	14	57	249	0
All						
Sexual Health Clinics	No. 21,803	1,219	182	192	950	10
	Rate.	5.6%	0.8%	0.9%	4.4%	0.0%
Family Planning Clinics	No. 46,300	512	29	37	143	0
	Rate.	1.1%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 36,485	126	8	6	33	0
	Rate.	0.3%	0.0%	0.0%	0.1%	0.0%
Total	No. 104,588	1,857	219	235	1,126	10
	Rate.	1.8%	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

	Confirmed						Probable	Total ³	
	Uncomplicated, lower anogenital		PID/epididymitis		Other site				
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹
Sexual Health Clinics	1033	84.7%	25	2.0%	2	0.2%	160	13.1%	1220
Family Planning Clinics	424	82.7%	10	1.9%	1	0.2%	78	15.2%	513
Student & Youth Health Clinics	111	88.1%	9	7.1%	0	0.0%	6	4.8%	126
Total	1568	84.3%	44	2.4%	3	0.2%	244	13.1%	1859

Table 1.3: Summary - Gonorrhoea Site of Infection

	Confirmed									Probable		Total ³	
	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	155	82.9%	10	5.3%	6	3.2%	9	4.8%	1	0.5%	6	3.2%	187
Family Planning Clinics	25	86.2%	0	0.0%	1	3.4%	0	0.0%	0	0.0%	3	10.3%	29
Student & Youth Health Clinics	8	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8
Total	188	83.9%	10	4.5%	7	3.1%	9	4.0%	1	0.4%	9	4.0%	224

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>2003</u>			<u>2004</u>		
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.²</u>	<u>Rate³</u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.²</u>	<u>Rate³</u>
332	324	Whangarei	25	25	7.5%	20	20	6.2%
42	102	Kaikohe	3	3	7.1%	6	6	5.9%
5676	5909	Auckland	220	245	4.3%	216	232	3.9%
6050	6335	North	248	273	4.5%	242	258	4.1%
2129	2086	Hamilton	164	168	7.9%	142	145	7.0%
1557	2054	Tauranga	38	40	2.6%	120	121	5.9%
320	361	Rotorua	15	21	6.6%	24	25	6.9%
215	265	Whakatane	5	5	2.3%	21	21	7.9%
197	215	Taupo	4	4	2.0%	21	27	12.6
520	645	New Plymouth	63	83	16.0	84	97	15.0
722	798	Gisborne	36	36	5.0%	40	40	5.0%
5660	6424	Midland	325	357	6.3%	452	476	7.4%
218	309	Napier	24	24	11.0	42	42	13.6
80	79	Hastings	7	7	8.7%	11	11	13.9
214	258	Wanganui	19	19	8.9%	27	28	10.9
1015	1031	Palmerston North/Levin/Dannevirke	40	65	6.4%	41	71	6.9%
1908	2639	Wellington	40	48	2.5%	47	67	2.5%
221	132	Lower Hutt	3	6	2.7%	1	3	2.3%
222	154	Porirua	10	14	6.3%	8	14	9.1%
442	380	Nelson	10	10	2.3%	16	16	4.2%
0	130	Wairau (Blenheim)	0	0	0.0%	7	10	7.7%
4320	5112	Central	153	193	4.5%	200	262	5.1%
91	142	Greymouth	3	3	3.3%	6	14	9.9%
2284	2103	Christchurch	36	50	2.2%	57	82	3.9%
34	36	Ashburton	1	1	2.9%	2	2	5.6%
141	121	Timaru	7	7	5.0%	13	13	10.7
888	874	Dunedin	32	34	3.8%	26	31	3.5%
428	656	Invercargill/Gore	32	43	10.0	61	81	12.3
3866	3932	South	111	138	3.6%	165	223	5.7%
19896	21803	Total	837	961	4.8%	1059	1219	5.6%

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 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	63	124	55	29	16	15	13	0	315
		0.0	11.8	7.4	4.4	2.8	2.3	3.0	1.5	0.0	4.8
	Maori	0	50	62	37	17	7	4	3	0	180
		0.0	20.7	18.1	14.3	12.5	8.9	9.5	5.7	-	15.5
	Pacific Peoples	0	6	13	6	6	4	0	1	0	36
		0.0	17.1	14.1	8.5	11.5	23.5	0.0	5.9	-	12.1
	Other	0	3	15	7	4	2	1	2	0	34
		0.0	5.7	7.1	4.0	2.9	1.8	1.1	2.5	-	3.9
	Unknown	0	2	2	1	1	0	0	0	0	6
		0.0	14.3	7.7	6.7	6.3	0.0	0.0	0.0	-	4.1
Total		0	124	216	106	57	29	20	19	0	571
		0.0	14.1	9.2	6.0	4.2	3.2	3.0	1.8	0.0	6.3
Females	European/Pakeha	5	186	100	30	9	5	4	1	0	340
		4.0	6.7	4.4	2.5	1.2	1.1	1.2	0.2	-	4.1
	Maori	8	123	78	26	13	4	1	0	0	253
		8.2	11.3	9.5	6.7	4.9	2.9	0.9	0.0	-	8.5
	Pacific Peoples	1	9	11	6	0	1	2	0	0	30
		5.3	8.2	9.3	8.7	0.0	3.2	13.3	0.0	-	7.3
	Other	0	6	6	2	2	1	1	2	0	20
		0.0	8.5	2.2	0.9	2.0	0.9	2.3	2.7	-	2.2
	Unknown	0	1	1	2	0	0	0	1	0	5
		0.0	4.8	7.1	15.4	0.0	0.0	0.0	12.5	-	6.0
Total		14	325	196	66	24	11	8	4	0	648
		5.6	8.0	5.6	3.5	2.1	1.5	1.6	0.7	0.0	5.1

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

Gonorrhoea

Table 2.3: Gonorrhoea - Disease rates by SHC

Quarter 4

<u>Total Clinic Visits¹</u>			<u>2003</u>			<u>2004</u>		
<u>2003</u>	<u>2004</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>
332	324	Whangarei	7	7	2.1%	4	4	1.2%
42	102	Kaikohe	0	0	0.0%	0	0	0.0%
5676	5909	Auckland	74	78	1.4%	82	86	1.5%
6050	6335	North	81	85	1.4%	86	90	1.4%
2129	2086	Hamilton	10	12	0.6%	13	13	0.6%
1557	2054	Tauranga	2	2	0.1%	11	11	0.5%
320	361	Rotorua	0	0	0.0%	9	9	2.5%
215	265	Whakatane	1	2	0.9%	4	4	1.5%
197	215	Taupo	0	2	1.0%	1	1	0.5%
520	645	New Plymouth	2	2	0.4%	1	1	0.2%
722	798	Gisborne	4	4	0.6%	8	8	1.0%
5660	6424	Midland	19	24	0.4%	47	47	0.7%
218	309	Napier	3	3	1.4%	2	2	0.6%
80	79	Hastings	1	1	1.3%	2	2	2.5%
214	258	Wanganui	1	2	0.9%	3	3	1.2%
1015	1031	Palmerston North/Levin/Dannevirke	5	7	0.7%	7	8	0.8%
1908	2639	Wellington	10	10	0.5%	13	13	0.5%
221	132	Lower Hutt	0	0	0.0%	0	0	0.0%
222	154	Porirua	4	4	1.8%	1	1	0.6%
442	380	Nelson	1	2	0.5%	0	0	0.0%
0	130	Wairau (Blenheim)	0	0	0.0%	1	2	1.5%
4320	5112	Central	25	29	0.7%	29	31	0.6%
91	142	Greymouth	0	0	0.0%	0	0	0.0%
2284	2103	Christchurch	11	15	0.7%	9	9	0.4%
34	36	Ashburton	0	0	0.0%	0	0	0.0%
141	121	Timaru	0	0	0.0%	3	3	2.5%
888	874	Dunedin	0	0	0.0%	2	2	0.2%
428	656	Invercargill/Gore	2	2	0.5%	0	0	0.0%
3866	3932	South	13	17	0.4%	14	14	0.4%
19896	21803	Total	138	155	0.8%	176	182	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 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	5	8	11	9	6	1	7	0	47
		0.0	0.9	0.5	0.9	0.9	0.9	0.2	0.8	0.0	0.7
	Maori	0	8	16	6	4	1	0	1	0	36
		0.0	3.3	4.7	2.3	2.9	1.3	0.0	1.9	-	3.1
	Pacific Peoples	0	4	5	3	0	1	0	1	0	14
		0.0	11.4	5.4	4.2	0.0	5.9	0.0	5.9	-	4.7
	Other	0	1	3	5	1	0	1	0	0	11
		0.0	1.9	1.4	2.9	0.7	0.0	1.1	0.0	-	1.3
	Unknown	0	0	1	0	0	1	0	0	0	2
		0.0	0.0	16.7	0.0	0.0	20.0	0.0	0.0	-	4.3
Total		0	18	33	25	14	9	2	9	0	110
		0.0	2.1	1.4	1.4	1.0	1.0	0.3	0.9	0.0	1.2
Females	European/Pakeha	0	9	6	4	2	0	0	2	0	23
		0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.5	-	0.3
	Maori	3	12	15	0	2	0	1	0	0	33
		3.1	1.1	1.8	0.0	0.8	0.0	0.9	0.0	-	1.1
	Pacific Peoples	0	2	5	2	2	0	2	0	0	13
		0.0	1.8	4.2	2.9	7.1	0.0	13.3	0.0	-	3.2
	Other	0	1	1	0	0	1	0	0	0	3
		0.0	1.7	0.5	0.0	0.0	1.1	0.0	0.0	-	0.5
	Total	3	24	27	6	6	1	3	2	0	72
		1.2	0.6	0.8	0.3	0.5	0.1	0.6	0.3	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 4

<u>Total Clinic Visits¹</u>			<u>2003</u>		<u>2004</u>	
			<u>Total</u>		<u>Total</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
332	324	Whangarei	2	0.6%	1	0.3%
42	102	Kaikohe	0	0.0%	0	0.0%
5676	5909	Auckland	38	0.7%	44	0.7%
6050	6335	North	40	0.7%	45	0.7%
2129	2086	Hamilton	23	1.1%	20	1.0%
1557	2054	Tauranga	11	0.7%	23	1.1%
320	361	Rotorua	0	0.0%	3	0.8%
215	265	Whakatane	0	0.0%	2	0.8%
197	215	Taupo	0	0.0%	2	0.9%
520	645	New Plymouth	15	2.9%	7	1.1%
722	798	Gisborne	0	0.0%	0	0.0%
5660	6424	Midland	49	0.9%	57	0.9%
218	309	Napier	7	3.2%	6	1.9%
80	79	Hastings	1	1.3%	0	0.0%
214	258	Wanganui	1	0.5%	2	0.8%
1015	1031	Palmerston North/Levin/Dannevirke	9	0.9%	13	1.3%
1908	2639	Wellington	13	0.7%	16	0.6%
221	132	Lower Hutt	1	0.5%	0	0.0%
222	154	Porirua	0	0.0%	3	1.9%
442	380	Nelson	6	1.4%	4	1.1%
0	130	Wairau (Blenheim)	0	0.0%	1	0.8%
4320	5112	Central	38	0.9%	45	0.9%
91	142	Greymouth	2	2.2%	3	2.1%
2284	2103	Christchurch	31	1.4%	23	1.1%
34	36	Ashburton	1	2.9%	0	0.0%
141	121	Timaru	1	0.7%	6	5.0%
888	874	Dunedin	5	0.6%	6	0.7%
428	656	Invercargill/Gore	5	1.2%	7	1.1%
3866	3932	South	45	1.2%	45	1.1%
19896	21803	Total	172	0.9%	192	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 2004

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	8	10	17	14	5	6	10	70
		0.0	1.5	0.6	1.4	1.4	0.7	1.2	1.1	1.1
	Maori	0	2	4	2	2	1	0	1	12
		0.0	0.8	1.2	0.8	1.5	1.3	0.0	1.9	1.0
	Pacific Peoples	0	0	1	2	0	0	1	0	4
		0.0	0.0	1.8	3.7	0.0	0.0	9.1	0.0	2.1
	Other	1	0	1	0	2	1	1	0	6
		20.0	0.0	0.7	0.0	2.1	1.4	1.8	0.0	1.0
	Unknown	0	0	1	0	0	0	1	0	2
		0.0	0.0	6.3	0.0	0.0	0.0	12.5	0.0	1.9
Total		1	10	17	21	18	7	9	11	94
		3.3	1.2	0.8	1.2	1.4	0.8	1.4	1.1	1.1
Females	European/Pakeha	0	14	17	19	5	5	3	5	68
		0.0	0.5	0.7	1.6	0.7	1.1	0.9	1.2	0.8
	Maori	1	5	4	2	1	0	1	0	14
		1.0	0.5	0.5	0.5	0.4	0.0	0.9	0.0	0.5
	Pacific Peoples	0	1	0	0	0	0	0	0	1
		0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7
	Other	0	0	5	5	0	0	0	1	11
		0.0	0.0	1.9	2.3	0.0	0.0	0.0	1.4	1.2
	Unknown	0	1	1	0	0	1	1	0	4
		0.0	5.9	8.3	0.0	0.0	7.1	16.7	0.0	5.5
Total		1	21	27	26	6	6	5	6	98
		0.4	0.5	0.8	1.4	0.5	0.8	1.0	1.0	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 4

<u>Total Clinic Visits¹</u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>Total</u>		<u>Total</u>	
			<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
332	324	Whangarei	11	3.3%	6	1.9%
42	102	Kaikohe	0	0.0%	0	0.0%
5676	5909	Auckland	277	4.9%	251	4.2%
6050	6335	North	288	4.8%	257	4.1%
2129	2086	Hamilton	105	4.9%	109	5.2%
1557	2054	Tauranga	21	1.3%	74	3.6%
320	361	Rotorua	5	1.6%	24	6.6%
215	265	Whakatane	1	0.5%	10	3.8%
197	215	Taupo	1	0.5%	9	4.2%
520	645	New Plymouth	28	5.4%	38	5.9%
722	798	Gisborne	5	0.7%	0	0.0%
5660	6424	Midland	166	2.9%	264	4.1%
218	309	Napier	22	10.1	21	6.8%
80	79	Hastings	4	5.0%	5	6.3%
214	258	Wanganui	18	8.4%	9	3.5%
1015	1031	Palmerston North/Levin/Dannevirke	32	3.2%	45	4.4%
1908	2639	Wellington	78	4.1%	84	3.2%
221	132	Lower Hutt	21	9.5%	15	11.4
222	154	Porirua	13	5.9%	8	5.2%
442	380	Nelson	28	6.3%	24	6.3%
0	130	Wairau (Blenheim)	0	0.0%	13	10.0
4320	5112	Central	216	5.0%	224	4.4%
91	142	Greymouth	5	5.5%	10	7.0%
2284	2103	Christchurch	92	4.0%	98	4.7%
34	36	Ashburton	2	5.9%	3	8.3%
141	121	Timaru	18	12.8	6	5.0%
888	874	Dunedin	30	3.4%	46	5.3%
428	656	Invercargill/Gore	30	7.0%	42	6.4%
3866	3932	South	177	4.6%	205	5.2%
19896	21803	Total	847	4.3%	950	4.4%

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 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	36	125	70	35	20	20	15	0	322
		7.7	6.7	7.4	5.7	3.4	2.9	4.0	1.7	0.0	4.9
	Maori	0	20	30	8	6	2	0	2	0	68
		0.0	8.3	8.8	3.1	4.4	2.5	0.0	3.8	-	5.8
	Pacific Peoples	0	2	3	5	3	0	0	0	0	13
		0.0	5.7	3.3	7.0	5.8	0.0	0.0	0.0	-	4.4
	Other	0	3	7	9	4	2	4	2	0	31
		0.0	5.7	3.3	5.2	2.9	1.8	4.3	2.5	-	3.6
	Unknown	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	-	2.8
Total		1	61	168	92	48	24	24	19	0	437
		3.3	7.0	7.2	5.2	3.5	2.6	3.6	1.8	0.0	4.9
Females	European/Pakeha	3	153	115	29	18	11	5	9	1	344
		2.4	5.5	5.1	2.4	2.4	2.5	1.5	2.1	100.0	4.1
	Maori	1	56	37	13	7	2	5	1	0	122
		1.0	5.1	4.5	3.4	2.7	1.4	4.6	1.4	-	4.1
	Pacific Peoples	0	3	5	3	1	0	0	0	0	12
		0.0	2.7	4.2	4.3	3.6	0.0	0.0	0.0	-	2.9
	Other	0	4	12	5	1	1	1	1	0	25
		0.0	5.6	4.5	2.3	1.0	0.9	2.3	1.4	-	2.8
	Unknown	0	5	2	2	0	1	0	0	0	10
		0.0	20.8	14.3	10.0	0.0	7.1	0.0	0.0	-	11.4
Total		4	221	171	52	27	15	11	11	1	513
		1.6	5.4	4.9	2.7	2.3	2.0	2.2	1.8	100.0	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 4

<u>Total Clinic Visits¹</u>			<u>2003</u>		<u>2004</u>	
			<u>Total</u>		<u>Total</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
332	324	Whangarei	0	0.0%	0	0.0%
42	102	Kaikohe	0	0.0%	0	0.0%
5676	5909	Auckland	3	0.1%	2	0.0%
6050	6335	North	3	0.0%	2	0.0%
2129	2086	Hamilton	2	0.1%	4	0.2%
1557	2054	Tauranga	0	0.0%	1	0.0%
320	361	Rotorua	0	0.0%	0	0.0%
215	265	Whakatane	0	0.0%	0	0.0%
197	215	Taupo	0	0.0%	0	0.0%
520	645	New Plymouth	0	0.0%	0	0.0%
722	798	Gisborne	0	0.0%	0	0.0%
5660	6424	Midland	2	0.0%	5	0.1%
218	309	Napier	0	0.0%	0	0.0%
80	79	Hastings	0	0.0%	0	0.0%
214	258	Wanganui	0	0.0%	0	0.0%
1015	1031	Palmerston North/Levin/Dannevirke	0	0.0%	0	0.0%
1908	2639	Wellington	1	0.1%	3	0.1%
221	132	Lower Hutt	0	0.0%	0	0.0%
222	154	Porirua	0	0.0%	0	0.0%
442	380	Nelson	0	0.0%	0	0.0%
0	130	Wairau (Blenheim)	0	0.0%	0	0.0%
4320	5112	Central	1	0.0%	3	0.1%
91	142	Greymouth	0	0.0%	0	0.0%
2284	2103	Christchurch	0	0.0%	0	0.0%
34	36	Ashburton	0	0.0%	0	0.0%
141	121	Timaru	0	0.0%	0	0.0%
888	874	Dunedin	0	0.0%	0	0.0%
428	656	Invercargill/Gore	0	0.0%	0	0.0%
3866	3932	South	0	0.0%	0	0.0%
19896	21803	Total	6	0.0%	10	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 4 2004

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	0	0	0	1	0	2	1	4
		0.0	0.0	0.0	0.0	0.2	0.0	0.6	0.2	0.1
	Pacific Peoples	0	0	0	0	0	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.9
	Other	0	0	1	1	0	0	0	0	2
		0.0	0.0	1.5	2.0	0.0	0.0	0.0	0.0	0.7
Total		<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>7</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.5</u>	<u>0.3</u>	<u>0.2</u>
Females	Pacific Peoples	0	0	0	0	0	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.7
	Other	0	0	0	1	0	0	0	1	2
		0.0	0.0	0.0	1.1	0.0	0.0	0.0	3.8	0.6
	Total	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>3</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.8</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>5.9</u>	<u>0.6</u>

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

Total Clinic Visits for males¹			2003		2004	
			Total		Total	
2003	2004	Clinic	No.	Rate²	No.	Rate²
107	90	Whangarei	0	0.0%	0	0.0%
2	4	Kaikohe	0	0.0%	0	0.0%
2869	2945	Auckland	130	4.5%	90	3.1%
2978	3039	North	130	4.4%	90	3.0%
867	727	Hamilton	12	1.4%	12	1.7%
396	400	Tauranga	9	2.3%	15	3.7%
132	131	Rotorua	0	0.0%	1	0.8%
61	59	Whakatane	1	1.6%	6	10.2
48	52	Taupo	0	0.0%	0	0.0%
228	278	New Plymouth	21	9.2%	28	10.1
63	90	Gisborne	0	0.0%	0	0.0%
1795	1737	Midland	43	2.4%	62	3.6%
74	75	Napier	0	0.0%	0	0.0%
21	20	Hastings	0	0.0%	0	0.0%
92	95	Wanganui	3	3.3%	5	5.3%
462	484	Palmerston North/Levin/Dannevirke	66	14.3	41	8.5%
910	1260	Wellington	15	1.6%	0	0.0%
103	53	Lower Hutt	1	1.0%	0	0.0%
79	72	Porirua	0	0.0%	0	0.0%
206	199	Nelson	5	2.4%	8	4.0%
0	66	Wairau (Blenheim)	0	0.0%	1	1.5%
1947	2324	Central	90	4.6%	55	2.4%
22	37	Greymouth	0	0.0%	0	0.0%
1226	1249	Christchurch	15	1.2%	14	1.1%
14	20	Ashburton	0	0.0%	0	0.0%
70	57	Timaru	0	0.0%	0	0.0%
276	305	Dunedin	1	0.4%	2	0.7%
195	276	Invercargill/Gore	3	1.5%	6	2.2%
1803	1944	South	19	1.1%	22	1.1%
8523	9044	Total	282	3.3%	229	2.5%

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 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	20	18	5	1	0	1	1	0	46
		0.0	6.0	5.3	4.2	0.9	0.0	1.1	1.3	0.0	3.8
	Maori	0	4	6	2	2	0	0	0	0	14
		0.0	7.8	15.4	13.3	16.7	0.0	0.0	0.0	0.0	9.1
	Pacific Peoples	0	2	4	1	0	0	0	0	0	7
		0.0	10.5	20.0	33.3	0.0	0.0	0.0	0.0	0.0	12.7
	Other	0	3	2	2	2	1	0	0	0	10
		0.0	6.0	4.3	8.3	10.0	6.7	0.0	0.0	-	5.5
	Unknown	0	1	5	0	0	0	0	0	0	6
		0.0	1.2	20.8	0.0	0.0	0.0	0.0	0.0	0.0	4.3
Total		0	30	35	10	5	1	1	1	0	83
		0.0	5.6	7.5	6.0	3.2	0.7	0.9	1.2	0.0	4.8
Females	European/Pakeha	9	119	84	11	4	3	2	0	0	232
		1.3	1.1	0.9	0.3	0.2	0.2	0.2	0.0	0.0	0.8
	Maori	2	41	19	9	3	1	0	0	0	75
		0.9	3.0	2.4	2.0	1.2	0.6	0.0	0.0	0.0	2.2
	Pacific Peoples	1	11	7	7	1	1	0	0	0	28
		2.7	2.4	1.3	3.2	0.9	1.3	0.0	0.0	-	1.9
	Other	0	44	15	4	1	1	0	0	0	65
		0.0	2.5	0.9	0.5	0.2	0.3	0.0	0.0	0.0	1.1
	Unknown	1	12	10	4	1	1	0	0	0	29
		1.7	1.3	1.1	0.9	0.3	0.4	0.0	0.0	0.0	0.9
Total		13	227	135	35	10	7	2	0	0	429
		1.1	1.5	1.0	0.7	0.3	0.3	0.1	0.0	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 4 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	2	0	0	0	0	0	0	0	2
		0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	0	1	0	1	0	0	0	0	2
		0.0	0.0	3.3	0.0	11.1	0.0	0.0	0.0	0.0	1.9
	Total	0	2	1	0	1	0	0	0	0	4
		0.0	0.9	0.4	0.0	1.0	0.0	0.0	0.0	0.0	0.4
Females	European/Pakeha	0	4	2	1	0	1	0	0	0	8
		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
	Maori	0	4	1	1	0	0	0	0	0	6
		0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.2
	Pacific Peoples	0	1	2	1	0	0	0	0	0	4
		0.0	0.3	0.5	0.7	0.0	0.0	0.0	0.0	-	0.4
	Other	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	2	1	0	2	0	0	0	0	5
		0.0	0.2	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.2
	Total	0	11	8	3	2	1	0	0	0	25
		0.0	0.1	0.1	0.1	0.1	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 4 2004

		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	1	0	1	0	0	0	3
		0.0	0.0	0.4	1.3	0.0	1.4	0.0	0.0	0.0	0.4
	Maori	0	1	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	1.4
	Total	0	1	1	1	0	1	0	0	0	4
		0.0	0.4	0.4	1.1	0.0	1.3	0.0	0.0	0.0	0.5
Females	European/Pakeha	0	11	7	2	3	3	1	1	0	28
		0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.1
	Maori	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.1
	Other	0	2	0	0	0	0	0	0	0	2
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	1	0	0	0	1	0	0	0	2
		0.0	0.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.1
	Total	0	14	7	3	3	4	1	1	0	33
		0.0	0.1	0.1	0.1	0.1	0.2	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 4 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	6	15	1	0	0	0	0	0	22
		0.0	1.8	4.4	0.8	0.0	0.0	0.0	0.0	0.0	1.8
	Maori	0	4	2	0	0	0	0	0	0	6
		0.0	7.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	3.9
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	-	10.0
	Other	0	1	1	0	0	0	0	1	0	3
		0.0	2.0	2.1	0.0	0.0	0.0	0.0	20.0	-	1.7
	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	-	1.7
Total		0	13	18	1	0	0	0	1	0	33
		0.0	2.7	4.1	0.6	0.0	0.0	0.0	1.2	0.0	2.1
Females	European/Pakeha	0	37	27	6	2	4	1	2	0	79
		0.0	0.3	0.3	0.2	0.1	0.2	0.1	0.2	0.0	0.3
	Maori	1	4	4	1	0	0	0	0	0	10
		0.4	0.3	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.3
	Pacific Peoples	0	1	1	0	0	0	0	0	0	2
		0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	-	0.2
	Other	0	5	5	0	0	0	0	0	0	10
		0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Unknown	0	4	2	1	1	1	0	0	0	9
		0.0	0.4	0.2	0.2	0.3	0.4	0.0	0.0	0.0	0.3
Total		1	51	39	8	3	5	1	2	0	110
		0.1	0.3	0.3	0.2	0.1	0.2	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 4 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	8	9	0	0	0	0	0	0	17
		0.0	1.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	Maori	0	2	5	2	0	0	0	0	0	9
		0.0	1.5	3.5	3.0	0.0	0.0	0.0	0.0	0.0	1.7
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	-	2.8
	Other	0	0	1	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	0.3
	Unknown	0	1	2	0	0	0	0	0	0	3
		0.0	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		0	11	18	2	0	0	0	0	0	31
		0.0	1.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.3
Females	European/Pakeha	0	32	19	3	0	0	0	0	0	54
		0.0	1.5	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.8
	Maori	0	10	11	5	1	0	0	0	0	27
		0.0	1.9	2.1	2.5	1.1	0.0	0.0	0.0	0.0	1.6
	Pacific Peoples	0	2	3	0	0	0	0	0	0	5
		0.0	4.3	2.5	0.0	0.0	0.0	0.0	0.0	-	1.8
	Other	0	2	3	1	0	0	0	0	0	6
		0.0	1.6	0.4	0.3	0.0	0.0	0.0	0.0	-	0.4
	Unknown	0	2	1	0	0	0	0	0	0	3
		0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		0	48	37	9	1	0	0	0	0	95
		0.0	1.6	0.7	0.7	0.1	0.0	0.0	0.0	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 4 2004

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Females	European/Pakeha	0	2	2	1	0	0	0	0	5
		0.0	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.1
	Maori	0	3	0	0	0	0	0	0	3
		0.0	1.7	0.0	0.0	0.0	0.0	0.0	-	0.4
Total		0	5	2	1	0	0	0	0	8
		0.0	0.3	0.1	0.2	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 2004

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	1	0	0	0	0	0	0	1
		0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Total	0	1	0	0	0	0	0	0	1
Females		0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	European/Pakeha	0	0	1	0	0	0	0	2	3
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.1
	Maori	0	1	0	0	0	0	0	0	1
		0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	1	2	0	0	0	0	2	5
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.6	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 2004

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	1	3	2	1	0	0	0	7
		0.0	0.2	0.3	0.9	1.1	0.0	0.0	0.0	0.4
	Maori	0	1	1	0	0	0	0	0	2
		0.0	1.3	1.5	0.0	0.0	0.0	0.0	-	0.7
	Other	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	1.3	0.0	0.0	0.0	-	0.3
	Unknown	0	0	2	0	0	0	0	0	2
Females		0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.1
	Total	0	2	6	3	1	0	0	0	12
		0.0	0.3	0.5	0.8	0.7	0.0	0.0	0.0	0.2
	European/Pakeha	0	8	10	0	0	0	0	0	18
		0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	1	2	0	0	0	0	0	3
		0.0	0.4	0.7	0.0	0.0	0.0	0.0	-	0.3
Total		0	9	12	0	0	0	0	0	21
		0.0	0.4	0.4	0.0	0.0	0.0	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

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, or 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>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>
Lymphogranuloma 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>or</p> <p>A clinically compatible illness in a person who is a contact of a confirmed case.</p>