

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

April – June 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

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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 26 SHCs, 38 FPCs and 17 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. In June 2004, STI laboratory surveillance efforts were extended to a number of new 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 6th September 2004. 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-six SHCs participate in STI surveillance. Of these, 26 provided STI data for the second quarter (April to June) 2004. 2/26 (7.7%) of SHCs were not able to provide data by the date required, for all three months in this quarter.

FPCs

Thirty-eight FPCs participate in STI surveillance. Of these, 38 provided STI data for the second quarter (April to June) 2004. 3/38 (7.9%) 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

Seventeen SYHCs participate in STI surveillance. Of these, 15 provided STI data for the second quarter (April to June) 2004. All 15 SYHCs provided data by the date required, for all three months in this quarter. It should be noted that some SYHCs based in schools or tertiary institutions may have been closed during school holidays.

New Clinic

Evolve Wellington Youth Service began reporting to STI surveillance in June 2004. Data for this clinic is not presented here but will become available in the third quarterly report for 2004.

Overview

Sexual Health Clinics (SHCs)

During the current quarter, SHCs reported 21 467 visits. A total of 913 confirmed cases of chlamydia, 182 confirmed cases of gonorrhoea, 193 cases of genital herpes, 931 cases of genital warts, 14 cases of syphilis and 250 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 43 985 visits. A total of 380 confirmed cases of chlamydia, 37 confirmed cases of gonorrhoea, 28 cases of genital herpes, 94 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 44 745 visits. A total of 116 confirmed cases of chlamydia, 7 confirmed cases of gonorrhoea, 5 cases of genital herpes, 52 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.

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

Clinical setting	STI	April - June 2003		April - June 2004		Rate ² change ³ between quarters
		Total ¹ number of cases	Rate ² (%)	Total ¹ number of cases	Rate ² (%)	
SHCs	Chlamydia ³	1129	5.9	1059	4.9	▼
	Gonorrhoea ³	164	0.9	218	1.0	▲
	Genital herpes	173	0.9	193	0.9	—
	Genital warts	801	4.2	931	4.3	▲
	Syphilis	10	0.1	14	0.1	—
	NSU (Males Only)	217	2.8	250	2.9	▲
FPCs	Chlamydia ³	540	1.3	503	1.1	▼
	Gonorrhoea ³	58	0.1	40	0.1	—
	Genital herpes	37	0.1	28	0.1	—
	Genital warts	124	0.3	94	0.2	▼
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	4	0.2	1	0.1	▼
SYHCs	Chlamydia ³	79	0.2	117	0.3	▲
	Gonorrhoea ³	9	0.0	7	0.0	—
	Genital herpes	3	0.0	5	0.0	—
	Genital warts	18	0.0	52	0.1	▲
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	1	0.0	1	0.0	—

¹Chlamydia and gonorrhoea totals includes confirmed and probable cases.

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

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

All Clinic Data

Table 1.1: Summary - Disease Rate by Clinic Type

Quarter 2 2004

<u>Clinic Type, by area</u>		<u>Total Clinic</u>		<u>Genital</u>		<u>Genital</u>	
		<u>Visits¹</u>	<u>Chlamydia²</u>	<u>Gonorrhoea²</u>	<u>Herpes[^]</u>	<u>Warts[^]</u>	<u>Syphilis[*]</u>
North							
Sexual Health Clinics	No.	6,628	272	91	65	286	8
	Rate ³		4.1%	1.4%	1.0%	4.3%	0.1%
Family Planning Clinics	No.	21,236	276	30	12	49	0
	Rate ³		1.3%	0.1%	0.1%	0.2%	0.0%
Student & Youth Health Clinics	No.	9,663	12	5	0	13	0
	Rate ³		0.1%	0.1%	0.0%	0.1%	0.0%
Subtotal North		37,527	560	126	77	348	8
Midland							
Sexual Health Clinics	No.	5,924	351	59	47	206	2
	Rate ³		5.9%	1.0%	0.8%	3.5%	0.0%
Family Planning Clinics	No.	4,407	33	1	3	7	0
	Rate ³		0.7%	0.0%	0.1%	0.2%	0.0%
Student & Youth Health Clinics	No.	13,119	20	0	0	9	0
	Rate ³		0.2%	0.0%	0.0%	0.1%	0.0%
Subtotal Midland		23,450	404	60	50	222	2
Central							
Sexual Health Clinics	No.	5,110	256	56	49	249	4
	Rate ³		5.0%	1.1%	1.0%	4.9%	0.1%
Family Planning Clinics	No.	7,593	133	8	8	24	0
	Rate ³		1.8%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health Clinics	No.	7,376	53	2	2	19	0
	Rate ³		0.7%	0.0%	0.0%	0.3%	0.0%
Subtotal Central		20,079	442	66	59	292	4
South							
Sexual Health Clinics	No.	3,805	180	12	32	190	0
	Rate ³		4.7%	0.3%	0.8%	5.0%	0.0%
Family Planning Clinics	No.	10,749	61	1	5	14	0
	Rate ³		0.6%	0.0%	0.0%	0.1%	0.0%
Student & Youth Health Clinics	No.	14,587	32	0	3	11	0
	Rate ³		0.2%	0.0%	0.0%	0.1%	0.0%
Subtotal South		29,141	273	13	40	215	0
All							
Sexual Health Clinics	No.	21,467	1,059	218	193	931	14
	Rate.		4.9%	1.0%	0.9%	4.3%	0.1%
Family Planning Clinics	No.	43,985	503	40	28	94	0
	Rate.		1.1%	0.1%	0.1%	0.2%	0.0%
Student & Youth Health Clinics	No.	44,745	117	7	5	52	0
	Rate.		0.3%	0.0%	0.0%	0.1%	0.0%
Total	No.	110,197	1,679	265	226	1,077	14
	Rate.		1.5%	0.2%	0.2%	1.0%	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 Diagnosis

	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	% ²	
Sexual Health Clinics	887	83.8%	26	2.5%	0	0.0%	146	13.8%	1,059
Family Planning Clinics	365	72.6%	15	3.0%	0	0.0%	123	24.5%	503
Student & Youth Health Clinics	113	96.6%	3	2.6%	0	0.0%	1	0.9%	117
Total	1,365	81.3%	44	2.6%	0	0.0%	270	16.1%	1,679

Table 1.3: Summary - Gonorrhoea Site of Diagnosis

	Confirmed										Probable	Total ³	
	Uncomplicated infection				PID/epididymitis	Extra-genital infection				No. ¹			% ²
	Urogenital		Anorectal			Pharynx		Other site		No. ¹			% ²
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	
Sexual Health Clinics	150	68.8%	10	4.6%	15	6.9%	16	7.3%	0	0.0%	36	16.5%	218
Family Planning Clinics	36	90.0%	0	0.0%	1	2.5%	0	0.0%	0	0.0%	3	7.5%	40
Student & Youth Health Clinics	7	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7
Total	193	73.0%	10	4.0%	16	6.0%	16	6.0%	0	0.0%	39	15.0%	265

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 2

<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>No.² Total</u>	<u>Rate³</u>	<u>No. Confirmed</u>	<u>No.² Total</u>	<u>Rate³</u>
357	326	Whangarei	31	31	8.7%	20	20	6.1%
0	76	Kaikohe	0	0	0.0%	3	3	3.9%
5342	6226	Auckland	221	249	4.7%	218	249	4.0%
5699	6628	North	252	280	4.9%	241	272	4.1%
2303	2228	Hamilton	156	168	7.3%	126	130	5.8%
1130	1773	Tauranga	101	109	9.6%	71	73	4.1%
385	294	Rotorua	40	54	14.0	18	23	7.8%
214	139	Whakatane	31	31	14.5	7	7	5.0%
200	229	Taupo	17	23	11.5	13	15	6.6%
533	511	New Plymouth	58	73	13.7	52	63	12.3
687	750	Gisborne	28	28	4.1%	40	40	5.3%
5452	5924	Midland	431	486	8.9%	327	351	5.9%
362	304	Napier	32	39	10.8	36	36	11.8
99	64	Hastings	8	10	10.1	13	13	20.3
307	222	Wanganui	9	11	3.6%	27	32	14.4
904	977	Palmerston North/Levin/Dannevirke	42	67	7.4%	51	71	7.3%
244	160	Wairarapa	1	2	0.8%	7	9	5.6%
1187	2510	Wellington	13	19	1.6%	42	58	2.3%
199	270	Lower Hutt	3	4	2.0%	8	14	5.2%
153	143	Porirua	11	13	8.5%	6	8	5.6%
326	367	Nelson	14	15	4.6%	14	14	3.8%
152	93	Wairau (Blenheim)	9	11	7.2%	1	1	1.1%
3933	5110	Central	142	191	4.9%	205	256	5.0%
104	108	Greymouth	7	7	6.7%	0	2	1.9%
2284	2061	Christchurch	46	63	2.8%	56	78	3.8%
53	42	Ashburton	3	6	11.3	0	1	2.4%
116	176	Timaru	6	8	6.9%	14	14	8.0%
957	803	Dunedin	33	41	4.3%	26	31	3.9%
425	615	Invercargill/Gore	40	47	11.1	44	54	8.8%
3939	3805	South	135	172	4.4%	140	180	4.7%
19023	21467	Total	960	1129	5.9%	913	1059	4.9%

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

Quarter 2 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	46	112	45	37	15	2	10	0	268
		16.7	9.3	6.8	3.6	3.8	2.4	0.4	1.2	-	4.2
	Maori	1	38	68	18	11	7	2	3	0	148
		16.7	23.0	22.3	10.8	7.3	8.6	6.7	4.9	-	15.3
	Pacific Peoples	0	9	15	9	6	4	1	0	0	44
		0.0	15.3	19.2	10.2	15.8	10.3	9.1	0.0	0.0	12.9
	Other	0	4	10	6	5	4	5	0	0	34
		0.0	9.5	6.1	2.8	3.1	3.9	7.8	0.0	0.0	3.9
	Unknown	0	1	1	0	0	1	0	0	0	3
	0.0	20.0	7.1	0.0	0.0	20.0	0.0	0.0	-	6.5	
Total		2	98	206	78	59	31	10	13	0	497
		16.7	12.8	9.3	4.5	4.4	3.6	1.7	1.3	0.0	5.8
Females	European/Pakeha	8	126	81	19	14	4	3	3	0	258
		4.7	4.7	3.5	1.5	1.9	0.8	1.0	0.8	-	3.1
	Maori	12	113	67	26	10	3	2	1	0	234
		10.1	10.9	9.0	6.7	3.8	2.0	2.6	2.2	-	8.3
	Pacific Peoples	0	18	12	2	1	0	0	2	0	35
		0.0	14.0	10.5	2.7	2.9	0.0	0.0	9.5	-	8.7
	Other	0	3	11	4	7	1	3	1	0	30
		0.0	2.5	3.7	1.7	4.4	1.0	3.8	1.4	-	2.8
	Unknown	1	3	0	0	0	0	1	0	0	5
	14.3	7.7	0.0	0.0	0.0	0.0	6.7	0.0	-	2.8	
Total		21	263	171	51	32	8	9	7	0	562
		6.8	6.6	4.9	2.6	2.6	1.0	1.8	1.3	0.0	4.4

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 2.3: Gonorrhoea - Disease rates by SHC

Quarter 2

<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>
357	326	Whangarei	0	0	0.0%	4	4	1.2%
0	76	Kaikohe	0	0	0.0%	0	0	0.0%
5342	6226	Auckland	78	86	1.6%	78	87	1.4%
5699	6628	North	78	86	1.5%	82	91	1.4%
2303	2228	Hamilton	24	25	1.1%	30	30	1.3%
1130	1773	Tauranga	4	5	0.4%	4	5	0.3%
385	294	Rotorua	2	3	0.8%	3	5	1.7%
214	139	Whakatane	4	4	1.9%	1	1	0.7%
200	229	Taupo	0	0	0.0%	0	0	0.0%
533	511	New Plymouth	4	4	0.8%	8	8	1.6%
687	750	Gisborne	6	6	0.9%	10	10	1.3%
5452	5924	Midland	44	47	0.9%	56	59	1.0%
362	304	Napier	7	9	2.5%	5	5	1.6%
99	64	Hastings	3	3	3.0%	7	7	10.9
307	222	Wanganui	1	1	0.3%	1	1	0.5%
904	977	Palmerston North/Levin/Dannevirke	3	4	0.4%	3	3	0.3%
244	160	Wairarapa	1	1	0.4%	0	0	0.0%
1187	2510	Wellington	1	1	0.1%	8	26	1.0%
199	270	Lower Hutt	1	1	0.5%	3	6	2.2%
153	143	Porirua	1	1	0.7%	3	3	2.1%
326	367	Nelson	2	2	0.6%	4	5	1.4%
152	93	Wairau (Blenheim)	0	0	0.0%	0	0	0.0%
3933	5110	Central	20	23	0.6%	34	56	1.1%
104	108	Greymouth	0	0	0.0%	0	0	0.0%
2284	2061	Christchurch	7	7	0.3%	4	4	0.2%
53	42	Ashburton	0	0	0.0%	0	0	0.0%
116	176	Timaru	0	1	0.9%	0	0	0.0%
957	803	Dunedin	0	0	0.0%	2	2	0.2%
425	615	Invercargill/Gore	0	0	0.0%	4	6	1.0%
3939	3805	South	7	8	0.2%	10	12	0.3%
19023	21467	Total	149	164	0.9%	182	218	1.0%

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

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

³ Rate = (total no. cases / total no. clinic visits) x 100, expressed as a percentage.

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

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

Quarter 2 2004

		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	3	14	5	4	8	6	21	0	61
		0.0	0.6	0.8	0.4	0.4	1.3	1.2	2.6	-	1.0
	Maori	0	7	13	8	5	3	1	2	0	39
		0.0	4.2	4.3	4.8	3.3	3.7	3.3	3.3	-	4.0
	Pacific Peoples	0	3	5	2	0	5	1	0	0	16
		0.0	5.1	6.4	2.3	0.0	12.8	9.1	0.0	0.0	4.7
	Other	0	1	2	1	2	0	1	3	0	10
		0.0	3.8	1.8	0.6	1.8	0.0	2.1	3.3	-	1.6
	Unknown	0	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	-	1.7
Total	0	14	34	16	11	17	9	26	0	127	
	0.0	1.9	1.6	1.0	0.9	2.1	1.5	2.6	0.0	1.5	
Females	European/Pakeha	0	12	5	2	1	0	2	1	0	23
		0.0	0.4	0.2	0.2	0.1	0.0	0.6	0.3	-	0.3
	Maori	2	26	12	3	3	0	0	0	0	46
		1.7	2.5	1.6	0.8	1.1	0.0	0.0	0.0	-	1.6
	Pacific Peoples	1	5	1	4	1	0	0	0	0	12
		20.0	3.9	0.9	5.5	2.9	0.0	0.0	0.0	-	3.0
	Other	0	0	5	0	0	1	1	1	0	8
		0.0	0.0	1.7	0.0	0.0	1.0	1.3	1.4	-	0.7
	Unknown	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	-	3.3
Total	3	43	25	9	5	1	3	2	0	91	
	1.0	1.1	0.7	0.5	0.4	0.1	0.6	0.4	0.0	0.7	

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

Table 2.5: Genital Herpes - Disease rates by SHC

Quarter 2

<u>Total Clinic Visits¹</u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
357	326	Whangarei	3	0.8%	3	0.9%
0	76	Kaikohe	0	0.0%	0	0.0%
5342	6226	Auckland	51	1.0%	62	1.0%
5699	6628	North	54	0.9%	65	1.0%
2303	2228	Hamilton	21	0.9%	23	1.0%
1130	1773	Tauranga	8	0.7%	11	0.6%
385	294	Rotorua	6	1.6%	2	0.7%
214	139	Whakatane	1	0.5%	0	0.0%
200	229	Taupo	0	0.0%	1	0.4%
533	511	New Plymouth	6	1.1%	9	1.8%
687	750	Gisborne	2	0.3%	1	0.1%
5452	5924	Midland	44	0.8%	47	0.8%
362	304	Napier	8	2.2%	7	2.3%
99	64	Hastings	2	2.0%	1	1.6%
307	222	Wanganui	5	1.6%	6	2.7%
904	977	Palmerston North/Levin/Dannevirke	10	1.1%	14	1.4%
244	160	Wairarapa	0	0.0%	1	0.6%
1187	2510	Wellington	8	0.7%	12	0.5%
199	270	Lower Hutt	1	0.5%	0	0.0%
153	143	Porirua	1	0.7%	0	0.0%
326	367	Nelson	1	0.3%	7	1.9%
152	93	Wairau (Blenheim)	2	1.3%	1	1.1%
3933	5110	Central	38	1.0%	49	1.0%
104	108	Greymouth	5	4.8%	2	1.9%
2284	2061	Christchurch	14	0.6%	16	0.8%
53	42	Ashburton	0	0.0%	0	0.0%
116	176	Timaru	3	2.6%	1	0.6%
957	803	Dunedin	8	0.8%	6	0.7%
425	615	Invercargill/Gore	7	1.6%	7	1.1%
3939	3805	South	37	0.9%	32	0.8%
19023	21467	Total	173	0.9%	193	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

Quarter 2 2004

		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	18	16	7	8	3	10	0	64
		0.0	0.4	1.1	1.3	0.7	1.3	0.6	1.2	-	1.0
	Maori	0	0	2	0	3	2	0	1	0	8
		0.0	0.0	0.7	0.0	2.0	2.5	0.0	1.6	-	0.8
	Pacific Peoples	0	0	1	2	1	0	0	0	0	4
		0.0	0.0	2.1	3.1	3.6	0.0	0.0	0.0	0.0	1.9
	Other	0	0	4	0	0	0	0	1	0	5
		0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.8	0.0	0.6
Unknown	0	0	0	0	1	0	0	0	0	1	
	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	-	1.7	
Total		<u>0</u>	<u>2</u>	<u>25</u>	<u>18</u>	<u>12</u>	<u>10</u>	<u>3</u>	<u>12</u>	<u>0</u>	<u>82</u>
		<u>0.0</u>	<u>0.3</u>	<u>1.1</u>	<u>1.1</u>	<u>0.9</u>	<u>1.2</u>	<u>0.5</u>	<u>1.2</u>	<u>0.0</u>	<u>1.0</u>
Females	European/Pakeha	0	17	17	12	13	9	7	6	0	81
		0.0	0.6	0.7	1.0	1.8	1.8	2.2	1.5	-	1.0
	Maori	0	6	2	3	3	1	0	0	0	15
		0.0	0.6	0.3	0.8	1.1	0.7	0.0	0.0	-	0.5
	Pacific Peoples	0	0	2	1	0	0	0	0	0	3
		0.0	0.0	6.3	4.0	0.0	0.0	0.0	0.0	-	2.2
	Other	0	0	5	2	0	1	1	1	0	10
		0.0	0.0	1.7	0.9	0.0	1.0	1.3	1.4	-	0.9
Unknown	1	0	0	0	0	1	0	0	0	2	
	14.3	0.0	0.0	0.0	0.0	5.6	0.0	0.0	-	1.5	
Total		<u>1</u>	<u>23</u>	<u>26</u>	<u>18</u>	<u>16</u>	<u>12</u>	<u>8</u>	<u>7</u>	<u>0</u>	<u>111</u>
		<u>0.3</u>	<u>0.6</u>	<u>0.8</u>	<u>0.9</u>	<u>1.4</u>	<u>1.6</u>	<u>1.7</u>	<u>1.3</u>	<u>0.0</u>	<u>0.9</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

Genital Warts

Table 2.7: Genital Warts - Disease rates by SHC

Quarter 2

<u>Total Clinic Visits¹</u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
357	326	Whangarei	23	6.4%	15	4.6%
0	76	Kaikohe	0	0.0%	0	0.0%
5342	6226	Auckland	238	4.5%	271	4.4%
5699	6628	North	261	4.6%	286	4.3%
2303	2228	Hamilton	99	4.3%	89	4.0%
1130	1773	Tauranga	33	2.9%	55	3.1%
385	294	Rotorua	22	5.7%	24	8.2%
214	139	Whakatane	16	7.5%	5	3.6%
200	229	Taupo	7	3.5%	7	3.1%
533	511	New Plymouth	35	6.6%	25	4.9%
687	750	Gisborne	2	0.3%	1	0.1%
5452	5924	Midland	214	3.9%	206	3.5%
362	304	Napier	17	4.7%	25	8.2%
99	64	Hastings	4	4.0%	3	4.7%
307	222	Wanganui	22	7.2%	14	6.3%
904	977	Palmerston North/Levin/Dannevirke	50	5.5%	45	4.6%
244	160	Wairarapa	2	0.8%	3	1.9%
1187	2510	Wellington	15	1.3%	106	4.2%
199	270	Lower Hutt	11	5.5%	14	5.2%
153	143	Porirua	3	2.0%	9	6.3%
326	367	Nelson	29	8.9%	24	6.5%
152	93	Wairau (Blenheim)	13	8.6%	6	6.5%
3933	5110	Central	166	4.2%	249	4.9%
104	108	Greymouth	6	5.8%	12	11.1
2284	2061	Christchurch	69	3.0%	72	3.5%
53	42	Ashburton	3	5.7%	2	4.8%
116	176	Timaru	14	12.1	5	2.8%
957	803	Dunedin	45	4.7%	48	6.0%
425	615	Invercargill/Gore	23	5.4%	51	8.3%
3939	3805	South	160	4.1%	190	5.0%
19023	21467	Total	801	4.2%	931	4.3%

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

Quarter 2 2004

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	1	38	126	65	37	18	14	18	0	317
		16.7	7.7	7.6	5.2	3.8	2.9	2.8	2.2	-	5.0
	Maori	0	14	16	10	7	5	1	1	0	54
		0.0	8.5	5.2	6.0	4.6	6.2	3.3	1.6	-	5.6
	Pacific Peoples	0	4	9	3	0	0	0	0	0	16
		0.0	6.8	11.5	3.4	0.0	0.0	0.0	0.0	0.0	4.7
	Other	0	2	9	9	4	3	2	1	0	30
		0.0	4.8	5.5	4.2	2.5	2.9	3.1	0.8	0.0	3.4
Unknown	0	3	2	1	2	1	0	0	0	9	
	0.0	11.1	4.5	4.8	10.0	4.8	0.0	0.0	-	5.4	
Total		1	61	162	88	50	27	17	20	0	426
		8.3	7.8	7.2	5.0	3.7	3.1	2.8	1.9	0.0	4.9
Females	European/Pakeha	3	151	110	52	17	9	8	8	0	358
		1.8	5.6	4.8	4.2	2.3	1.8	2.6	2.0	-	4.3
	Maori	3	49	26	4	2	3	2	0	0	89
		2.5	4.7	3.5	1.0	0.8	2.0	2.6	0.0	-	3.2
	Pacific Peoples	0	9	5	1	0	1	1	0	0	17
		0.0	7.0	4.4	1.4	0.0	6.7	8.3	0.0	-	4.2
	Other	0	9	17	5	1	0	0	0	0	32
		0.0	7.4	5.7	2.2	0.6	0.0	0.0	0.0	-	3.0
Unknown	0	3	2	2	0	1	0	1	0	9	
	0.0	7.7	6.7	22.2	0.0	3.3	0.0	5.6	-	5.1	
Total		6	221	160	64	20	14	11	9	0	505
		1.9	5.5	4.6	3.3	1.6	1.8	2.2	1.6	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 2

<u>Total Clinic Visits¹</u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
357	326	Whangarei	0	0.0%	0	0.0%
0	76	Kaikohe	0	0.0%	0	0.0%
5342	6226	Auckland	2	0.0%	8	0.1%
5699	6628	North	2	0.0%	8	0.1%
2303	2228	Hamilton	4	0.2%	2	0.1%
1130	1773	Tauranga	0	0.0%	0	0.0%
385	294	Rotorua	0	0.0%	0	0.0%
214	139	Whakatane	0	0.0%	0	0.0%
200	229	Taupo	0	0.0%	0	0.0%
533	511	New Plymouth	0	0.0%	0	0.0%
687	750	Gisborne	0	0.0%	0	0.0%
5452	5924	Midland	4	0.1%	2	0.0%
362	304	Napier	0	0.0%	1	0.3%
99	64	Hastings	0	0.0%	0	0.0%
307	222	Wanganui	0	0.0%	0	0.0%
904	977	Palmerston North/Levin/Dannevirke	0	0.0%	2	0.2%
244	160	Wairarapa	0	0.0%	0	0.0%
1187	2510	Wellington	1	0.1%	1	0.0%
199	270	Lower Hutt	0	0.0%	0	0.0%
153	143	Porirua	0	0.0%	0	0.0%
326	367	Nelson	0	0.0%	0	0.0%
152	93	Wairau (Blenheim)	0	0.0%	0	0.0%
3933	5110	Central	1	0.0%	4	0.1%
104	108	Greymouth	0	0.0%	0	0.0%
2284	2061	Christchurch	2	0.1%	0	0.0%
53	42	Ashburton	0	0.0%	0	0.0%
116	176	Timaru	0	0.0%	0	0.0%
957	803	Dunedin	0	0.0%	0	0.0%
425	615	Invercargill/Gore	1	0.2%	0	0.0%
3939	3805	South	3	0.1%	0	0.0%
19023	21467	Total	10	0.1%	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

Quarter 2 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	0	1	0	1	1	1	0	4
		0.0	0.0	0.0	0.1	0.0	0.2	0.2	0.1	-	0.1
	Maori	0	0	2	0	1	1	0	0	0	4
		0.0	0.0	0.7	0.0	0.7	1.2	0.0	0.0	-	0.4
	Pacific Peoples	0	0	0	0	0	0	0	1	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	-	0.8
	Other	0	0	0	1	1	1	0	0	0	3
	0.0	0.0	0.0	0.7	0.9	1.4	0.0	0.0	0.0	0.5	
Total		0	0	2	2	2	3	1	2	0	12
		0.0	0.0	0.1	0.1	0.2	0.4	0.2	0.2	0.0	0.2
Females	European/Pakeha	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	-	0.0
	Other	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	-	0.3
Total		0	0	0	2	0	0	0	0	0	2
		0.0	0.0	0.0	0.4	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

NSU (Males Only)

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

Quarter 2

<u>Total Clinic Visits for males¹</u>			<u>2003</u>		<u>2004</u>	
<u>2003</u>	<u>2004</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
119	111	Whangarei	0	0.0%	0	0.0%
0	3	Kaikohe	0	0.0%	0	0.0%
2623	3102	Auckland	113	4.3%	122	3.9%
2742	3216	North	113	4.1%	122	3.8%
867	805	Hamilton	14	1.6%	12	1.5%
210	280	Tauranga	4	1.9%	24	8.6%
172	99	Rotorua	3	1.7%	2	2.0%
55	30	Whakatane	3	5.5%	1	3.3%
45	62	Taupo	0	0.0%	0	0.0%
227	225	New Plymouth	12	5.3%	13	5.8%
37	65	Gisborne	0	0.0%	0	0.0%
1613	1566	Midland	36	2.2%	52	3.3%
128	71	Napier	0	0.0%	0	0.0%
41	15	Hastings	0	0.0%	0	0.0%
84	71	Wanganui	3	3.6%	0	0.0%
392	410	Palmerston North/Levin/Dannevirke	36	9.2%	38	9.3%
19	8	Wairarapa	0	0.0%	0	0.0%
516	1161	Wellington	6	1.2%	19	1.6%
56	121	Lower Hutt	0	0.0%	0	0.0%
35	62	Porirua	0	0.0%	0	0.0%
149	158	Nelson	3	2.0%	3	1.9%
69	38	Wairau (Blenheim)	0	0.0%	0	0.0%
1489	2115	Central	48	3.2%	60	2.8%
32	29	Greymouth	0	0.0%	0	0.0%
1294	1120	Christchurch	10	0.8%	10	0.9%
27	15	Ashburton	0	0.0%	0	0.0%
70	91	Timaru	2	2.9%	0	0.0%
224	213	Dunedin	2	0.9%	1	0.5%
203	292	Invercargill/Gore	6	3.0%	5	1.7%
1850	1760	South	20	1.1%	16	0.9%
7694	8657	Total	217	2.8%	250	2.9%

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

Quarter 2 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	17	24	9	2	1	0	0	0	53
		0.0	4.3	8.5	6.9	2.2	0.9	0.0	0.0	0.0	4.4
	Maori	0	4	4	1	1	0	0	0	0	10
		0.0	10.3	16.7	10.0	8.3	0.0	0.0	0.0	-	9.8
	Pacific Peoples	0	4	4	1	0	0	0	0	0	9
		0.0	26.7	44.4	8.3	0.0	0.0	0.0	0.0	-	17.6
	Other	0	6	6	3	2	0	1	0	0	18
		0.0	13.6	14.3	13.0	13.3	0.0	8.3	0.0	-	11.0
Unknown	0	6	6	0	1	0	0	0	0	13	
	0.0	6.3	12.0	0.0	5.9	0.0	0.0	0.0	0.0	4.9	
Total		0	37	44	14	6	1	1	0	0	103
		0.0	6.3	10.8	7.1	4.3	0.6	0.7	0.0	0.0	5.8
Females	European/Pakeha	5	127	62	9	6	3	0	1	0	213
		0.9	1.3	0.7	0.3	0.3	0.2	0.0	0.1	0.0	0.8
	Maori	1	44	24	3	0	0	0	0	1	73
		0.5	3.7	3.3	0.8	0.0	0.0	0.0	0.0	100.0	2.5
	Pacific Peoples	1	9	7	4	1	2	0	0	0	24
		1.8	2.1	1.5	2.1	0.9	3.7	0.0	0.0	0.0	1.8
	Other	2	24	19	4	2	4	0	0	0	55
		1.6	1.5	1.2	0.6	0.4	1.1	0.0	0.0	0.0	1.0
Unknown	2	19	9	3	0	2	0	0	0	35	
	2.9	1.4	0.8	0.4	0.0	0.6	0.0	0.0	0.0	0.8	
Total		11	223	121	23	9	11	0	1	1	400
		1.1	1.5	1.0	0.4	0.2	0.5	0.0	0.1	1.6	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

Gonorrhoea

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

Quarter 2 2004

		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	1	0	1	1	0	0	0	3
		0.0	0.0	0.5	0.0	1.7	1.3	0.0	0.0	-	0.4
	Maori	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	-	3.4
	Pacific Peoples	0	1	2	0	0	0	0	0	0	3
		0.0	6.7	22.2	0.0	0.0	0.0	0.0	0.0	-	5.9
	Other	0	1	2	0	0	0	0	0	0	3
		0.0	3.3	6.9	0.0	0.0	0.0	0.0	0.0	-	2.8
Unknown	0	1	1	0	0	0	0	0	0	2	
	0.0	3.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	2.4	
Total		<u>0</u>	<u>3</u>	<u>6</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>12</u>
		<u>0.0</u>	<u>0.8</u>	<u>2.4</u>	<u>0.0</u>	<u>2.4</u>	<u>1.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>1.1</u>
Females	European/Pakeha	2	5	1	0	0	0	0	0	0	8
		0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	0	4	3	0	0	0	0	0	0	7
		0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	1	2	1	0	0	0	0	0	4
		0.0	0.2	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.3
	Other	0	2	0	0	0	1	0	0	0	3
		0.0	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.1
Unknown	1	2	3	0	0	0	0	0	0	6	
	1.4	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Total		<u>3</u>	<u>14</u>	<u>9</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>28</u>
		<u>0.3</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</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

Genital Herpes

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

Quarter 2 2004

		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	2	0	0	0	0	0	2
		0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	-	0.5
	Total	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>4.5</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.5</u>
Females	European/Pakeha	0	5	3	3	2	0	2	2	0	17
		0.0	0.1	0.0	0.1	0.1	0.0	0.2	0.2	0.0	0.1
	Maori	0	2	1	0	0	0	0	0	0	3
		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Other	0	2	1	0	0	0	0	0	0	3
		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	0	1	1	1	0	0	0	0	3
	0.0	0.0	0.1	0.2	0.4	0.0	0.0	0.0	0.0	0.1	
Total	<u>0</u>	<u>9</u>	<u>6</u>	<u>4</u>	<u>3</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>26</u>	
	<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.1</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

Genital Warts

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

Quarter 2 2004

		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	4	9	4	0	0	0	0	0	17
		0.0	1.0	3.2	3.1	0.0	0.0	0.0	0.0	0.0	1.4
	Pacific Peoples	0	0	0	1	1	0	0	0	0	2
		0.0	0.0	0.0	12.5	16.7	0.0	0.0	0.0	-	5.9
	Other	0	1	0	0	0	0	0	0	0	1
		0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	-	1.8
	Unknown	0	0	1	0	0	0	0	0	0	1
	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	
Total		<u>0</u>	<u>5</u>	<u>10</u>	<u>5</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>21</u>
		<u>0.0</u>	<u>1.1</u>	<u>3.2</u>	<u>3.2</u>	<u>0.9</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>1.5</u>
Females	European/Pakeha	0	27	16	5	1	2	1	0	0	52
		0.0	0.3	0.2	0.2	0.0	0.1	0.1	0.0	0.0	0.2
	Maori	0	4	1	0	0	0	0	0	0	5
		0.0	0.5	0.2	0.0	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	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Other	0	4	3	1	0	0	0	0	0	8
	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2	
Unknown	0	2	3	0	0	1	0	0	0	6	
	0.0	0.1	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.1	
Total		<u>0</u>	<u>38</u>	<u>24</u>	<u>6</u>	<u>1</u>	<u>3</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>73</u>
		<u>0.0</u>	<u>0.3</u>	<u>0.2</u>	<u>0.1</u>	<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.2</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

Student & Youth Health Clinic (SYHC) Data

Chlamydia

Table 4.1: Chlamydia - Cases¹ and Rates² by Age, Sex and Ethnicity

Quarter 2 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	3	6	0	0	1	0	1	0	11
		0.0	0.4	0.4	0.0	0.0	0.8	0.0	0.4	-	0.4
	Maori	0	3	4	0	0	0	0	0	0	7
		0.0	2.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	-	2.7
	Other	0	1	0	1	0	0	0	0	0	2
	0.0	1.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	
Total		0	7	10	2	0	1	0	1	0	21
		0.0	0.8	0.5	0.3	0.0	0.4	0.0	0.2	0.0	0.4
Females	European/Pakeha	0	22	28	0	0	0	0	0	0	50
		0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Maori	0	21	8	0	0	0	0	0	0	29
		0.0	3.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	Pacific Peoples	0	2	4	0	1	0	0	0	0	7
		0.0	2.6	3.0	0.0	3.8	0.0	0.0	0.0	0.0	1.8
	Other	0	1	2	0	0	0	0	0	0	3
	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	-	0.1	
Unknown	0	0	4	1	0	0	0	0	2	7	
	0.0	0.0	3.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	
Total		0	46	46	1	1	0	0	0	2	96
		0.0	1.1	0.7	0.1	0.1	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

Gonorrhoea

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

Quarter 2 2004

		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	0	0	1	0	0	0	0	2
		0.0	0.3	0.0	0.0	1.5	0.0	0.0	0.0	-	0.2
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	-	1.5
	Other	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	-	0.2	
Total		<u>0</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>4</u>
		<u>0.0</u>	<u>0.3</u>	<u>0.1</u>	<u>0.4</u>	<u>0.9</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.2</u>
Females	Maori	0	1	1	0	0	0	0	0	0	2
		0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Total		<u>0</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>
		<u>0.0</u>	<u>0.4</u>	<u>0.2</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.2</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

Genital Herpes

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

Quarter 2 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	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	-	0.1
	Unknown	0	0	0	1	1	0	0	0	0	2
		0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>3</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.7</u>	<u>3.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
Females	European/Pakeha	0	1	0	0	0	0	0	0	0	1
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Other	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	-	0.1
Total		<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>
		<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</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

Genital Warts

Table 4.4: Genital Warts - Cases¹ and Rates² by Age, Sex and Ethnicity

Quarter 2 2004

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	1	4	3	0	0	0	0	0	8
		0.0	0.1	0.3	0.8	0.0	0.0	0.0	0.0	-	0.3
	Maori	0	1	0	0	0	0	0	0	0	1
		0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Other	0	1	1	0	0	0	0	0	0	2
		0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	-	0.2
	Unknown	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	3	8	3	0	0	0	0	0	14
		0.0	0.4	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.1
Females	European/Pakeha	0	10	11	1	0	0	0	0	0	22
		0.0	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	5	1	0	0	0	0	0	0	6
		0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Other	0	1	4	1	0	0	0	0	0	6
		0.0	0.2	0.3	0.2	0.0	0.0	0.0	0.0	-	0.2
	Unknown	0	1	2	0	0	0	0	0	1	4
		0.0	5.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	17	18	2	0	0	0	0	1	38
		0.0	0.4	0.3	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>