

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

January to March 2008

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by

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

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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 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. 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 11th June 2008. 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.

Clinic Visit Rates

Quarterly clinic-specific disease rates were calculated by dividing the total number of confirmed 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 clinic visit rates are not annualised.
- In contrast to reports published prior to 2007 only confirmed cases are included in case numbers and clinic visit rates.

Data completeness

SHCs

Twenty-seven SHCs participate in STI surveillance. Of these, 26 clinics provided STI data for the first quarter (January to March) 2008. 1/26 (3.8%) of SHCs were not able to provide data by the date required for all three months in this quarter.

FPCs

Thirty-six FPCs participate in STI surveillance. All 36 clinics provided STI data by the date required for all three months in the first quarter (January to March) 2008. 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 clinics provided STI data by the date required for all three months in the first quarter (January to March) 2008. It should be noted that some SYHCs based in schools or tertiary institutions may be closed during holiday periods.

Overview

Sexual Health Clinics (SHCs)

During the current quarter, SHCs reported 17 748 visits. A total of 1 109 cases of chlamydia, 196 cases of gonorrhoea, 165 cases of genital herpes, 809 cases of genital warts, 24 cases of syphilis and 105 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2007 are shown in Table 1.

Family Planning Clinics (FPCs)

During the current quarter, FPCs reported 44 836 visits. A total of 831 cases of chlamydia, 49 cases of gonorrhoea, 31 cases of genital herpes, 155 cases of genital warts and 4 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 2007 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 40 263 visits. A total of 236 cases of chlamydia, 18 cases of gonorrhoea, 15 cases of genital herpes, 37 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 2007 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. Denominator data is given in Table 1.1.

Table 1. Cases and clinic visit rate of STIs reported by SHCs, FPCs and SYHCs in January to March 2008, compared to the equivalent quarter of 2007.

Clinical setting	STI	January to March 2007		January to March 2008		Clinic Visit Rate ¹ change ² between quarters
		Number of Cases	Clinic Visit Rate ¹ (%)	Number of Cases	Clinic Visit Rate ¹ (%)	
SHCs	Chlamydia	1 158	5.2%	1 109	6.2%	▲
	Gonorrhoea	230	1.0%	196	1.1%	▲
	Genital herpes	179	0.8%	165	0.9%	▲
	Genital warts	1 007	4.5%	809	4.6%	▲
	Syphilis	22	0.1%	24	0.1%	—
	NSU (Males Only)	206	2.2%	105	1.5%	▼
FPCs	Chlamydia	892	1.9%	831	1.9%	—
	Gonorrhoea	58	0.1%	49	0.1%	—
	Genital herpes	39	0.1%	31	0.1%	▼
	Genital warts	156	0.3%	155	0.3%	—
	Syphilis	1	0.0%	0	0.0%	—
	NSU (Males Only)	4	0.2%	4	0.2%	—
SYHCs	Chlamydia	224	0.5%	236	0.6%	▲
	Gonorrhoea	21	0.0%	18	0.0%	—
	Genital herpes	25	0.1%	15	0.0%	▼
	Genital warts	38	0.1%	37	0.1%	—
	Syphilis	0	0.0%	0	0.0%	—
	NSU (Males Only)	4	0.0%	1	0.0%	—

¹ Clinic Visit Rate = (no. of cases/total no. of clinic visits) x 100.

² —, no change in rate; ▲, rate increase; ▼, rate decrease. Comparison of crude rates not tested for significance.

All Clinic Data

Table 1.1: Summary – Cases and Clinic Visit Rates by Disease and Clinic Type

Quarter 1 2008

<u>Clinic Type, by area</u>	<u>Total Clinic Visits¹</u>	<u>Chlamydia</u>	<u>Gonorrhoea</u>	<u>Genital Herpes²</u>	<u>Genital Warts²</u>	<u>Syphilis*</u>
North						
Sexual Health Clinics	No. 3,879	192	49	23	187	12
	Rate ³	4.9%	1.3%	0.6%	4.8%	0.3%
Family Planning Clinics	No. 18,314	320	20	6	44	0
	Rate ³	1.7%	0.1%	0.0%	0.2%	0.0%
Student & Youth Health	No. 7,134	12	0	0	1	0
	Rate ³	0.2%	0.0%	0.0%	0.0%	0.0%
Subtotal North	29,327	524	69	29	232	12
Midland						
Sexual Health Clinics	No. 6,163	548	60	54	223	2
	Rate ³	8.9%	1.0%	0.9%	3.6%	0.0%
Family Planning Clinics	No. 5,869	176	4	2	11	0
	Rate ³	3.0%	0.1%	0.0%	0.2%	0.0%
Student & Youth Health	No. 8,500	15	1	1	0	0
	Rate ³	0.2%	0.0%	0.0%	0.0%	0.0%
Subtotal Midland	20,532	739	65	57	234	2
Central						
Sexual Health Clinics	No. 3,686	172	47	40	195	8
	Rate ³	4.7%	1.3%	1.1%	5.3%	0.2%
Family Planning Clinics	No. 9,342	191	9	15	50	0
	Rate ³	2.0%	0.1%	0.2%	0.5%	0.0%
Student & Youth Health	No. 9,316	133	7	3	16	0
	Rate ³	1.4%	0.1%	0.0%	0.2%	0.0%
Subtotal Central	22,344	496	63	58	261	8
South						
Sexual Health Clinics	No. 4,020	197	40	48	204	2
	Rate ³	4.9%	1.0%	1.2%	5.1%	0.0%
Family Planning Clinics	No. 11,311	144	16	8	50	0
	Rate ³	1.3%	0.1%	0.1%	0.4%	0.0%
Student & Youth Health	No. 15,313	76	10	11	20	0
	Rate ³	0.5%	0.1%	0.1%	0.1%	0.0%
Subtotal South	30,644	417	66	67	274	2
All regions						
Sexual Health Clinics	No. 17,748	1,109	196	165	809	24
	Rate.	6.2%	1.1%	0.9%	4.6%	0.1%
Family Planning Clinics	No. 44,836	831	49	31	155	0
	Rate.	1.9%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 40,263	236	18	15	37	0
	Rate.	0.6%	0.0%	0.0%	0.1%	0.0%
Total	No. 102,847	2,176	263	211	1,001	24
	Rate.	2.1%	0.3%	0.2%	1.0%	0.0%

¹ Total No. of Clinic Visits = total no. of clinics visits for report period for any reason

² First presentation at that clinic.

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

* Infectious syphilis (primary, secondary and early latent)

Table 1.2: Summary - Chlamydia Site of Infection

Quarter 1 2008

	<i>Confirmed</i>						Total ³ No. ¹
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	
Sexual Health Clinics	1073	96.7%	23	2.1%	14	1.3%	1110
Family Planning Clinics	818	98.4%	12	1.4%	1	0.1%	831
Student & Youth Health Clinics	235	99.6%	1	0.4%	0	0.0%	236
Total	2126	97.7%	36	1.7%	15	0.7%	2177

Table 1.3: Summary - Gonorrhoea Site of Infection

Quarter 1 2008

	<i>Confirmed</i>								Total ³ No. ¹		
	Uncomplicated infection				PID/ epididymitis	Extra-genital infection					
	Urogenital		Anorectal			Pharynx		Other site			
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²		No. ¹	% ²
Sexual Health Clinics	183	92.9%	9	4.6%	3	1.5%	2	1.0%	0	0.0%	197
Family Planning Clinics	49	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	49
Student & Youth Health Clinics	18	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	18
Total	250	94.7%	9	3.4%	3	1.1%	2	0.8%	0	0.0%	264

¹No. = no. of diagnoses by site

²% = no. of diagnoses by site/total no. of diagnoses by clinic type, x100

³Total = total no. of diagnoses by clinic type; note that some cases may be counted more than once if the disease was confirmed at more than one site.

Sexual Health Clinic (SHC) Data

Chlamydia

Table 2.1: Chlamydia - Cases and Clinic Visit Rates by SHC

			Quarter 1			
<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
540	447	Whangarei	33	6.1%	53	11.9%
152	158	Dargaville	3	2.0%	6	3.8%
88	75	Kaikohe	8	9.1%	3	4.0%
6621	3199	Auckland	232	3.5%	130	4.1%
7401	3879	North	276	3.7%	192	4.9%
2149	2051	Hamilton	168	7.8%	179	8.7%
1639	1841	Tauranga	117	7.1%	148	8.0%
333	272	Rotorua	24	7.2%	16	5.9%
330	432	Whakatane	27	8.2%	55	12.7%
212	218	Taupo	13	6.1%	25	11.5%
562	592	New Plymouth	86	15.3%	75	12.7%
759	757	Gisborne	42	5.5%	50	6.6%
5984	6163	Midland	477	8.0%	548	8.9%
331	281	Napier	33	10.0%	39	13.9%
226	132	Hastings	30	13.3%	40	30.3%
258	223	Wanganui	14	5.4%	12	5.4%
949	0	Palmerston North/Levin/Dannevirke	55	5.8%	0	0.0%
2137	2051	Wellington	42	2.0%	50	2.4%
194	201	Lower Hutt	5	2.6%	3	1.5%
121	100	Porirua	4	3.3%	5	5.0%
487	527	Nelson	10	2.1%	12	2.3%
170	171	Wairau (Blenheim)	5	2.9%	11	6.4%
4873	3686	Central	198	4.1%	172	4.7%
122	158	Greymouth	4	3.3%	11	7.0%
113	110	Westport/Buller	4	3.5%	11	10.0%
2257	2154	Christchurch	83	3.7%	83	3.9%
22	31	Ashburton	2	9.1%	2	6.5%
204	182	Timaru	25	12.3%	19	10.4%
818	786	Dunedin	38	4.6%	25	3.2%
562	599	Invercargill/Gore/Wyndham	51	9.1%	46	7.7%
4098	4020	South	207	5.1%	197	4.9%
22356	17748	Total	1158	5.2%	1109	6.2%

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

² Rate = (no. of cases/total no. of 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 - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	67	78	64	26	14	6	13	0	268
		0.0	13.9	6.1	7.1	3.9	2.6	1.6	1.9	0.0	5.4
	Maori	2	37	51	19	10	8	2	1	0	130
		25.0	18.8	17.5	10.7	8.4	9.8	3.3	1.6	0.0	13.0
	Pacific Peoples	0	5	12	8	2	1	0	0	0	28
		0.0	15.6	23.1	15.1	5.6	3.6	0.0	0.0	-	12.2
	Other	1	3	13	6	1	1	0	0	0	25
		25.0	5.7	6.8	3.6	0.7	1.2	0.0	0.0	-	3.2
	Unknown	0	1	2	3	1	1	1	1	0	10
		0.0	8.3	9.1	12.5	4.8	7.7	4.2	5.6	-	7.4
Total	3	113	156	100	40	25	9	15	0	461	
	13.0	14.6	8.5	7.5	4.0	3.4	1.7	1.8	0.0	6.5	
Females	European/Pakeha	3	170	79	32	12	5	1	4	0	306
		3.9	7.5	4.1	3.8	2.0	1.3	0.4	1.0	0.0	4.6
	Maori	15	160	63	33	9	2	1	0	0	283
		12.4	14.9	9.6	9.4	5.6	1.5	1.4	0.0	-	10.8
	Pacific Peoples	0	6	13	2	3	2	0	0	0	26
		0.0	8.0	13.7	4.9	9.4	6.7	0.0	0.0	-	8.8
	Other	0	10	9	5	2	0	2	0	0	28
		0.0	9.5	4.6	2.5	1.4	0.0	3.7	0.0	-	3.4
	Unknown	0	2	2	1	0	0	0	0	0	5
		0.0	12.5	4.9	6.7	0.0	0.0	0.0	0.0	-	4.0
Total	18	348	166	73	26	9	4	4	0	648	
	8.8	9.8	5.7	5.1	2.7	1.5	1.0	0.8	0.0	6.1	

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Gonorrhoea

Table 2.3: Gonorrhoea – Cases and Clinic Visit Rates by SHC

Quarter 1

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
540	447	Whangarei	2	0.4%	3	0.7%
152	158	Dargaville	0	0.0%	0	0.0%
88	75	Kaikohe	0	0.0%	1	1.3%
6621	3199	Auckland	74	1.1%	45	1.4%
7401	3879	North	76	1.0%	49	1.3%
2149	2051	Hamilton	31	1.4%	23	1.1%
1639	1841	Tauranga	20	1.2%	11	0.6%
333	272	Rotorua	6	1.8%	2	0.7%
330	432	Whakatane	2	0.6%	3	0.7%
212	218	Taupo	0	0.0%	4	1.8%
562	592	New Plymouth	8	1.4%	9	1.5%
759	757	Gisborne	9	1.2%	8	1.1%
5984	6163	Midland	76	1.3%	60	1.0%
331	281	Napier	9	2.7%	12	4.3%
226	132	Hastings	9	4.0%	8	6.1%
258	223	Wanganui	2	0.8%	4	1.8%
949	0	Palmerston North/Levin/Dannevirke	4	0.4%	0	0.0%
2137	2051	Wellington	9	0.4%	17	0.8%
194	201	Lower Hutt	4	2.1%	4	2.0%
121	100	Porirua	0	0.0%	1	1.0%
487	527	Nelson	3	0.6%	1	0.2%
170	171	Wairau (Blenheim)	0	0.0%	0	0.0%
4873	3686	Central	40	0.8%	47	1.3%
122	158	Greymouth	0	0.0%	3	1.9%
113	110	Westport/Buller	0	0.0%	0	0.0%
2257	2154	Christchurch	20	0.9%	13	0.6%
22	31	Ashburton	0	0.0%	0	0.0%
204	182	Timaru	6	2.9%	5	2.7%
818	786	Dunedin	5	0.6%	4	0.5%
562	599	Invercargill/Gore/Wyndham	7	1.2%	15	2.5%
4098	4020	South	38	0.9%	40	1.0%
22356	17748	Total	230	1.0%	196	1.1%

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

² Rate = (no. of cases/total no. of 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 - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2008

		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	14	12	9	6	6	2	5	0	54
		0.0	2.9	0.9	1.0	0.9	1.1	0.5	0.7	0.0	1.1
	Maori	1	17	16	10	3	4	1	0	0	52
		12.5	8.6	5.5	5.6	2.5	4.9	1.7	0.0	0.0	5.2
	Pacific Peoples	0	1	7	1	4	2	0	0	0	15
		0.0	3.1	13.5	1.9	11.1	7.1	0.0	0.0	-	6.5
	Other	0	0	6	4	0	0	0	1	0	11
	0.0	0.0	3.1	2.4	0.0	0.0	0.0	1.2	-	1.4	
Total		1	32	41	24	13	12	3	6	0	132
		4.8	4.2	2.3	1.8	1.3	1.6	0.6	0.7	0.0	1.9
Females	European/Pakeha	0	11	4	0	0	0	0	0	0	15
		0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	1	19	5	7	5	1	2	0	0	40
		0.8	1.8	0.8	2.0	3.1	0.8	2.7	0.0	-	1.5
	Pacific Peoples	0	1	4	1	0	0	1	0	0	7
		0.0	1.3	4.2	2.4	0.0	0.0	12.5	0.0	-	2.4
	Other	0	1	0	0	0	0	0	0	0	1
	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.3	
Unknown	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	-	3.2	
Total		1	33	13	8	5	1	3	0	0	64
		0.5	1.0	0.5	0.6	0.6	0.2	0.8	0.0	0.0	0.6

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Genital Herpes (First presentation)

Table 2.5: Genital Herpes – Cases and Clinic Visit Rates by SHC

Quarter 1

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
540	447	Whangarei	8	1.5%	4	0.9%
152	158	Dargaville	0	0.0%	0	0.0%
88	75	Kaikohe	0	0.0%	1	1.3%
6621	3199	Auckland	45	0.7%	18	0.6%
7401	3879	North	53	0.7%	23	0.6%
2149	2051	Hamilton	22	1.0%	25	1.2%
1639	1841	Tauranga	15	0.9%	11	0.6%
333	272	Rotorua	3	0.9%	4	1.5%
330	432	Whakatane	1	0.3%	3	0.7%
212	218	Taupo	0	0.0%	5	2.3%
562	592	New Plymouth	5	0.9%	5	0.8%
759	757	Gisborne	0	0.0%	1	0.1%
5984	6163	Midland	46	0.8%	54	0.9%
331	281	Napier	3	0.9%	10	3.6%
226	132	Hastings	2	0.9%	2	1.5%
258	223	Wanganui	1	0.4%	1	0.4%
949	0	Palmerston North/Levin/Dannevirke	4	0.4%	0	0.0%
2137	2051	Wellington	14	0.7%	22	1.1%
194	201	Lower Hutt	3	1.5%	1	0.5%
121	100	Porirua	0	0.0%	0	0.0%
487	527	Nelson	4	0.8%	3	0.6%
170	171	Wairau (Blenheim)	0	0.0%	1	0.6%
4873	3686	Central	31	0.6%	40	1.1%
122	158	Greymouth	1	0.8%	2	1.3%
113	110	Westport/Buller	2	1.8%	1	0.9%
2257	2154	Christchurch	26	1.2%	26	1.2%
22	31	Ashburton	0	0.0%	1	3.2%
204	182	Timaru	7	3.4%	1	0.5%
818	786	Dunedin	7	0.9%	8	1.0%
562	599	Invercargill/Gore/Wyndham	6	1.1%	9	1.5%
4098	4020	South	49	1.2%	48	1.2%
22356	17748	Total	179	0.8%	165	0.9%

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

² Rate = (no. of cases/total no. of 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 - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	9	10	9	13	3	3	6	0	53
		0.0	1.9	0.8	1.0	1.9	0.6	0.8	0.9	0.0	1.1
	Maori	0	2	7	0	1	1	3	1	0	15
		0.0	1.0	2.4	0.0	0.8	1.2	5.0	1.6	0.0	1.5
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	-	1.2
	Other	0	1	3	2	0	5	1	0	0	12
	0.0	1.9	1.6	1.2	0.0	5.9	1.5	0.0	-	1.5	
Unknown	0	0	0	0	1	0	0	0	0	1	
	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	-	2.9	
Total		0	12	21	11	15	9	7	7	0	82
		0.0	1.6	1.2	0.9	1.6	1.3	1.4	0.8	0.0	1.2
Females	European/Pakeha	1	26	15	5	8	5	2	6	0	68
		1.3	1.1	0.8	0.6	1.3	1.3	0.8	1.6	0.0	1.0
	Maori	0	2	2	2	0	2	0	0	0	8
		0.0	0.2	0.3	0.6	0.0	1.5	0.0	0.0	-	0.3
	Pacific Peoples	0	0	1	0	1	0	0	0	0	2
		0.0	0.0	1.5	0.0	4.5	0.0	0.0	0.0	-	1.0
	Other	0	0	2	1	1	0	0	0	0	4
	0.0	0.0	1.0	0.5	0.7	0.0	0.0	0.0	-	0.5	
Unknown	0	0	1	0	0	0	0	0	0	1	
	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	-	3.1	
Total		1	28	21	8	10	7	2	6	0	83
		0.5	0.8	0.7	0.6	1.1	1.2	0.5	1.2	0.0	0.8

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Genital Warts (First presentation)

Table 2.7: Genital Warts – Cases and Clinic Visit Rates by SHC

Quarter 1

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
540	447	Whangarei	32	5.9%	23	5.1%
152	158	Dargaville	1	0.7%	2	1.3%
88	75	Kaikohe	0	0.0%	0	0.0%
6621	3199	Auckland	299	4.5%	162	5.1%
7401	3879	North	332	4.5%	187	4.8%
2149	2051	Hamilton	113	5.3%	108	5.3%
1639	1841	Tauranga	76	4.6%	51	2.8%
333	272	Rotorua	21	6.3%	10	3.7%
330	432	Whakatane	23	7.0%	13	3.0%
212	218	Taupo	0	0.0%	8	3.7%
562	592	New Plymouth	29	5.2%	33	5.6%
759	757	Gisborne	0	0.0%	0	0.0%
5984	6163	Midland	262	4.4%	223	3.6%
331	281	Napier	16	4.8%	16	5.7%
226	132	Hastings	21	9.3%	10	7.6%
258	223	Wanganui	7	2.7%	13	5.8%
949	0	Palmerston North/Levin/Dannevirke	27	2.8%	0	0.0%
2137	2051	Wellington	68	3.2%	82	4.0%
194	201	Lower Hutt	8	4.1%	7	3.5%
121	100	Porirua	8	6.6%	6	6.0%
487	527	Nelson	23	4.7%	35	6.6%
170	171	Wairau (Blenheim)	20	11.8%	26	15.2%
4873	3686	Central	198	4.1%	195	5.3%
122	158	Greymouth	6	4.9%	7	4.4%
113	110	Westport/Buller	4	3.5%	4	3.6%
2257	2154	Christchurch	100	4.4%	104	4.8%
22	31	Ashburton	5	22.7%	3	9.7%
204	182	Timaru	5	2.5%	3	1.6%
818	786	Dunedin	40	4.9%	43	5.5%
562	599	Invercargill/Gore/Wyndham	55	9.8%	40	6.7%
4098	4020	South	215	5.2%	204	5.1%
22356	17748	Total	1007	4.5%	809	4.6%

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

² Rate = (no. of cases/total no. of 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 - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2008

		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	27	100	48	36	15	14	24	0	264
		0.0	5.6	7.8	5.3	5.3	2.8	3.8	3.6	0.0	5.3
	Maori	0	12	17	6	4	2	0	2	0	43
		0.0	6.1	5.8	3.4	3.4	2.4	0.0	3.2	0.0	4.3
	Pacific Peoples	0	3	0	2	1	2	0	0	0	8
		0.0	9.4	0.0	3.8	2.8	7.1	0.0	0.0	-	3.5
	Other	0	3	8	8	8	1	2	0	0	30
	0.0	5.7	4.2	4.8	5.6	1.2	2.9	0.0	-	3.8	
Unknown	0	1	2	0	1	0	1	1	0	6	
	0.0	5.0	6.3	0.0	3.7	0.0	3.4	3.0	-	3.1	
Total		0	46	127	64	50	20	17	27	0	351
		0.0	5.9	6.9	4.8	5.0	2.7	3.1	3.1	0.0	4.9
Females	European/Pakeha	4	162	87	35	22	12	6	2	0	330
		5.3	7.1	4.6	4.2	3.6	3.2	2.4	0.5	0.0	4.9
	Maori	3	34	23	6	4	3	0	1	0	74
		2.5	3.2	3.5	1.7	2.5	2.3	0.0	1.8	-	2.8
	Pacific Peoples	0	5	9	1	0	2	1	0	0	18
		0.0	6.7	9.5	2.4	0.0	6.7	12.5	0.0	-	6.1
	Other	0	4	12	10	3	1	0	1	0	31
	0.0	3.8	6.2	5.1	2.0	1.6	0.0	1.8	-	3.8	
Unknown	0	2	2	0	0	0	0	1	0	5	
	0.0	16.7	6.1	0.0	0.0	0.0	0.0	7.1	-	5.3	
Total		7	207	133	52	29	18	7	5	0	458
		3.5	5.8	4.6	3.6	3.0	3.0	1.8	0.9	0.0	4.3

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Syphilis

Table 2.9: Syphilis – Cases and Clinic Visit Rates by SHC

Quarter 1

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
540	447	Whangarei	0	0.0%	0	0.0%
152	158	Dargaville	0	0.0%	0	0.0%
88	75	Kaikohe	0	0.0%	0	0.0%
6621	3199	Auckland	18	0.3%	12	0.4%
7401	3879	North	18	0.2%	12	0.3%
2149	2051	Hamilton	0	0.0%	1	0.0%
1639	1841	Tauranga	0	0.0%	1	0.1%
333	272	Rotorua	0	0.0%	0	0.0%
330	432	Whakatane	0	0.0%	0	0.0%
212	218	Taupo	0	0.0%	0	0.0%
562	592	New Plymouth	0	0.0%	0	0.0%
759	757	Gisborne	0	0.0%	0	0.0%
5984	6163	Midland	0	0.0%	2	0.0%
331	281	Napier	0	0.0%	0	0.0%
226	132	Hastings	0	0.0%	2	1.5%
258	223	Wanganui	0	0.0%	0	0.0%
949	0	Palmerston North/Levin/Dannevirke	1	0.1%	0	0.0%
2137	2051	Wellington	1	0.0%	6	0.3%
194	201	Lower Hutt	0	0.0%	0	0.0%
121	100	Porirua	0	0.0%	0	0.0%
487	527	Nelson	0	0.0%	0	0.0%
170	171	Wairau (Blenheim)	0	0.0%	0	0.0%
4873	3686	Central	2	0.0%	8	0.2%
122	158	Greymouth	0	0.0%	0	0.0%
113	110	Westport/Buller	0	0.0%	0	0.0%
2257	2154	Christchurch	2	0.1%	0	0.0%
22	31	Ashburton	0	0.0%	0	0.0%
204	182	Timaru	0	0.0%	0	0.0%
818	786	Dunedin	0	0.0%	0	0.0%
562	599	Invercargill/Gore/Wyndham	0	0.0%	2	0.3%
4098	4020	South	2	0.0%	2	0.0%
22356	17748	Total	22	0.1%	24	0.1%

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

² Rate = (no. of cases/total no. of 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 - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2008

		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	2	1	1	2	5	0	12
		0.0	0.0	0.1	0.2	0.1	0.2	0.5	0.7	0.0	0.2
	Maori	0	0	0	0	0	1	0	2	0	3
		0.0	0.0	0.0	0.0	0.0	1.8	0.0	5.1	-	0.4
	Other	0	0	3	0	0	0	0	2	0	5
		0.0	0.0	1.6	0.0	0.0	0.0	0.0	2.5	-	0.6
	Total	0	0	4	2	1	2	2	9	0	20
		0.0	0.0	0.2	0.2	0.1	0.3	0.4	1.1	0.0	0.3
Females	Maori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	-	0.1
	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	14.3	-	0.6
	Other	0	0	0	1	0	0	0	1	0	2
	0.0	0.0	0.0	0.9	0.0	0.0	0.0	3.0	-	0.4	
	Total	0	0	1	1	0	0	0	2	0	4
		0.0	0.0	0.2	0.4	0.0	0.0	0.0	3.2	0.0	0.2

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

NSU (Males Only)

Table 2.11: NSU (Males Only) – Cases and Clinic Visit Rates by SHC

Quarter 1

<u>Total Clinic Visits for males¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
173	103	Whangarei	0	0.0%	0	0.0%
9	2	Dargaville	0	0.0%	0	0.0%
9	5	Kaikohe	0	0.0%	0	0.0%
3306	1587	Auckland	92	2.8%	56	3.5%
3497	1697	North	92	2.6%	56	3.3%
857	826	Hamilton	17	2.0%	0	0.0%
411	407	Tauranga	16	3.9%	8	2.0%
140	101	Rotorua	0	0.0%	0	0.0%
95	56	Whakatane	1	1.1%	1	1.8%
68	71	Taupo	0	0.0%	0	0.0%
242	240	New Plymouth	19	7.9%	9	3.8%
79	97	Gisborne	0	0.0%	0	0.0%
1892	1798	Midland	53	2.8%	18	1.0%
83	62	Napier	0	0.0%	0	0.0%
48	32	Hastings	0	0.0%	0	0.0%
80	75	Wanganui	0	0.0%	3	4.0%
411	0	Palmerston North/Levin/Dannevirke	16	3.9%	0	0.0%
1101	1129	Wellington	0	0.0%	0	0.0%
92	102	Lower Hutt	0	0.0%	0	0.0%
37	43	Porirua	0	0.0%	0	0.0%
231	248	Nelson	11	4.8%	5	2.0%
116	69	Wairau (Blenheim)	0	0.0%	0	0.0%
2199	1760	Central	27	1.2%	8	0.5%
37	63	Greymouth	0	0.0%	0	0.0%
39	34	Westport/Buller	0	0.0%	0	0.0%
1203	1185	Christchurch	22	1.8%	17	1.4%
10	18	Ashburton	0	0.0%	0	0.0%
120	79	Timaru	0	0.0%	0	0.0%
299	255	Dunedin	4	1.3%	0	0.0%
260	280	Invercargill/Gore/Wyndham	8	3.1%	6	2.1%
1968	1914	South	34	1.7%	23	1.2%
9556	7169	Total	206	2.2%	105	1.5%

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

² Rate = (no. of cases/total no. of 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.

Table 2.12: NSU (Males only) - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2008

		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	5	19	17	8	5	2	13	0	69
		0.0	1.0	1.5	1.9	1.2	0.9	0.5	1.9	0.0	1.4
	Maori	0	0	2	3	3	2	0	2	0	12
		0.0	0.0	0.7	1.7	2.5	2.4	0.0	3.2	0.0	1.2
	Pacific Peoples	0	1	2	1	2	0	0	0	0	6
		0.0	3.1	3.8	1.9	5.6	0.0	0.0	0.0	-	2.6
	Other	0	1	3	2	3	1	1	1	0	12
		0.0	1.9	1.6	1.2	2.1	1.2	1.5	1.2	-	1.5
	Unknown	0	1	1	2	0	2	0	0	0	6
		0.0	5.0	3.1	6.5	0.0	10.5	0.0	0.0	-	3.1
Total	0	8	27	25	16	10	3	16	0	105	
	0.0	1.0	1.5	1.9	1.6	1.3	0.6	1.8	0.0	1.5	

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Family Planning Clinic (FPC) Data

Chlamydia

Table 3.1: Chlamydia - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at FPCs

Quarter 1 2008

		Age group (years)								Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		Unk
Males	European/Pakeha	1	14	35	5	1	1	2	0	0	59
		2.0	3.7	7.5	2.9	1.0	0.9	2.4	0.0	-	4.2
	Maori	0	8	8	2	0	0	0	0	0	18
		0.0	10.4	12.1	11.8	0.0	0.0	0.0	0.0	-	8.8
	Pacific Peoples	0	2	1	0	0	0	0	0	0	3
		0.0	7.7	5.6	0.0	0.0	0.0	0.0	0.0	-	4.5
	Other	1	6	1	5	1	0	0	0	0	14
	11.1	7.4	1.2	13.9	3.7	0.0	0.0	0.0	-	5.1	
Unknown	0	2	3	2	0	0	0	0	0	7	
	0.0	11.8	17.6	16.7	0.0	0.0	0.0	0.0	-	10.4	
Total		2	32	48	14	2	1	2	0	0	101
		2.4	5.5	7.4	5.6	1.4	0.7	1.9	0.0	0.0	5.0
Females	European/Pakeha	2	226	128	25	7	6	3	0	0	397
		0.4	2.2	1.5	0.7	0.3	0.4	0.3	0.0	0.0	1.4
	Maori	4	84	35	7	4	1	0	0	0	135
		2.4	5.3	3.8	1.7	1.7	0.5	0.0	0.0	0.0	3.7
	Pacific Peoples	0	25	20	8	5	0	0	0	0	58
		0.0	4.2	4.1	4.3	3.6	0.0	0.0	0.0	-	3.5
	Other	3	68	32	8	4	2	3	1	0	121
	3.1	3.1	1.8	0.8	0.6	0.4	1.0	0.4	0.0	1.8	
Unknown	2	7	4	4	1	0	1	0	0	19	
	4.2	1.5	1.6	2.0	0.6	0.0	1.2	0.0	0.0	1.3	
Total		11	410	219	52	21	9	7	1	0	730
		1.4	2.7	1.8	1.0	0.6	0.3	0.4	0.1	0.0	1.7

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Gonorrhoea

Table 3.2: Gonorrhoea - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at FPCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	0	2	0	1	0	0	0	0	3
		0.0	0.0	0.7	0.0	1.5	0.0	0.0	0.0	-	0.3
	Maori	0	2	0	0	0	0	0	0	0	2
		0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	-	1.3
	Pacific Peoples	0	1	1	0	0	0	0	0	0	2
		0.0	4.5	11.1	0.0	0.0	0.0	0.0	0.0	-	4.4
	Other	0	0	1	0	0	0	0	0	0	1
	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	-	0.9	
Total		0	3	4	0	1	0	0	0	0	8
		0.0	0.8	1.0	0.0	1.1	0.0	0.0	0.0	0.0	0.6
Females	European/Pakeha	0	9	4	2	2	1	0	0	0	18
		0.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1
	Maori	2	7	0	0	1	0	0	0	0	10
		1.2	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3
	Pacific Peoples	0	2	2	1	0	0	0	0	0	5
		0.0	0.3	0.4	0.5	0.0	0.0	0.0	0.0	-	0.3
	Other	0	4	1	1	0	0	0	0	0	6
	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	
Unknown	0	0	1	1	0	0	0	0	0	2	
	0.0	0.0	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.2	
Total		2	22	8	5	3	1	0	0	0	41
		0.3	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Genital Herpes (First presentation)

Table 3.3: Genital Herpes - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at FPCs

Quarter 1 2008

		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	0	1	0	0	3
		0.0	0.0	0.2	0.6	0.0	0.0	1.2	0.0	-	0.2
	Total	0	0	1	1	0	0	1	0	0	3
		0.0	0.0	0.2	0.6	0.0	0.0	1.2	0.0	0.0	0.2
Females	European/Pakeha	0	7	11	0	1	1	1	0	0	21
		0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.1
	Maori	0	2	0	1	0	0	0	0	0	3
		0.0	0.5	0.0	0.8	0.0	0.0	0.0	0.0	-	0.3
	Other	0	1	0	1	1	0	0	0	0	3
		0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0
	Unknown	0	1	0	0	0	0	0	0	0	1
	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
Total	0	11	11	2	2	1	1	1	0	0	28
	0.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Genital Warts (First presentation)

Table 3.4: Genital Warts - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at FPCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	5	16	1	0	1	0	0	0	23
		0.0	1.3	3.4	0.6	0.0	0.9	0.0	0.0	-	1.6
	Maori	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	-	1.6
	Pacific Peoples	0	2	0	0	0	0	0	0	0	2
		0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	-	4.4
	Other	0	5	1	0	0	1	0	0	0	7
	0.0	6.2	1.2	0.0	0.0	7.1	0.0	0.0	-	2.6	
Unknown	0	1	0	1	0	0	0	0	0	2	
	0.0	8.3	0.0	25.0	0.0	0.0	0.0	0.0	-	5.1	
Total		0	13	19	2	0	2	0	0	0	36
		0.0	2.4	3.1	0.9	0.0	1.5	0.0	0.0	0.0	1.9
Females	European/Pakeha	2	44	34	5	1	2	1	1	0	90
		0.4	0.4	0.4	0.1	0.0	0.1	0.1	0.1	0.0	0.3
	Maori	0	5	3	0	1	0	0	0	0	9
		0.0	0.3	0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.2
	Pacific Peoples	0	1	1	1	0	0	0	0	0	3
		0.0	0.2	0.3	0.8	0.0	0.0	0.0	0.0	-	0.3
	Other	0	5	3	3	1	1	0	0	0	13
	0.0	0.2	0.2	0.3	0.2	0.2	0.0	0.0	0.0	0.2	
Unknown	0	2	1	1	0	0	0	0	0	4	
	0.0	0.4	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.3	
Total		2	57	42	10	3	3	1	1	0	119
		0.2	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.3

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Student & Youth Health Clinic (SYHC) Data

Chlamydia

Table 4.1: Chlamydia - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SYHCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	16	20	1	0	0	0	0	0	37
		0.0	1.6	0.9	0.2	0.0	0.0	0.0	0.0	0.0	0.9
	Maori	0	5	9	0	1	0	0	0	0	15
		0.0	4.7	3.9	0.0	2.2	0.0	0.0	0.0	-	3.1
	Pacific Peoples	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	-	2.8
	Other	0	2	0	0	0	0	0	0	0	2
	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2	
Unknown	0	0	0	1	0	0	0	0	0	1	
	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.1	
Total		0	23	31	2	1	0	0	0	0	57
		0.0	1.9	1.0	0.2	0.3	0.0	0.0	0.0	0.0	0.8
Females	European/Pakeha	1	61	38	3	1	0	0	0	0	104
		2.6	1.8	0.6	0.3	0.3	0.0	0.0	0.0	0.0	0.9
	Maori	2	30	14	4	0	1	0	0	0	51
		28.6	8.0	1.6	2.0	0.0	1.5	0.0	0.0	-	2.8
	Pacific Peoples	0	1	5	0	0	0	0	0	0	6
		0.0	1.1	1.4	0.0	0.0	0.0	0.0	0.0	-	0.9
	Other	0	0	9	3	0	0	0	0	0	12
	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.0	-	0.5	
Unknown	0	2	2	1	0	0	1	0	0	6	
	0.0	1.0	0.4	0.9	0.0	0.0	7.7	0.0	0.0	0.1	
Total		3	94	68	11	1	1	1	0	0	179
		5.8	2.2	0.7	0.6	0.1	0.2	0.2	0.0	0.0	0.6

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Gonorrhoea

Table 4.2: Gonorrhoea - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SYHCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	2	3	0	0	0	0	0	0	5
		0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	3	1	0	0	0	0	0	0	4
		0.0	6.0	0.7	0.0	0.0	0.0	0.0	0.0	-	1.4
Total		0	5	4	0	0	0	0	0	0	9
		0.0	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Females	European/Pakeha	0	6	1	0	0	0	0	0	0	7
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	1	0	0	0	0	0	0	0	1
		0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.3
	Other	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	-	0.2
Total		0	7	1	1	0	0	0	0	0	9
		0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Genital Herpes (First presentation)

Table 4.3: Genital Herpes - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SYHCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	1	0	0	0	0	0	0	0	1
		0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Other	0	1	0	0	0	0	0	0	0	1
		0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.2
	Unknown	0	0	0	0	1	0	0	0	0	1
	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	
Total		0	2	0	0	1	0	0	0	0	3
		0.0	0.5	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.1
Females	European/Pakeha	0	5	5	0	0	0	0	0	0	10
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Other	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	-	0.1
	Unknown	0	0	0	1	0	0	0	0	0	1
	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total		0	5	5	1	1	0	0	0	0	12
		0.0	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.1

¹Rate = (no. of cases/total no. of clinic visits) x 100, expressed as a percentage

Genital Warts (first presentation)

Table 4.4: Genital Warts – Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SYHCs

Quarter 1 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	2	5	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
	Pacific Peoples	0	2	0	0	0	0	0	0	0	2
		0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	-	1.6
	Other	0	0	1	0	0	0	0	0	0	1
	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	-	0.2	
Total		0	4	6	1	0	0	0	0	0	11
		0.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2
Females	European/Pakeha	0	11	6	0	0	0	0	0	0	17
		0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	2	1	0	0	0	0	0	0	3
		0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	-	0.3
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	-	0.7
	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	
Unknown	0	1	1	0	2	0	0	0	0	4	
	0.0	0.5	0.2	0.0	5.9	0.0	0.0	0.0	0.0	0.0	
Total		0	14	10	0	2	0	0	0	0	26
		0.0	0.4	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.1

¹Rate = (no. of cases/total no. of clinic 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>