

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

January to March 2009

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Contract for scientific services

by

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

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

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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, 37 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 10th June 2009. 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, all 27 clinics provided STI data by the date required for all three months in the first quarter (January to March) 2009.

FPCs

Thirty-five FPCs participate in STI surveillance. Of these, 34 clinics provided STI data by the date required for all three months in the first quarter (January to March) 2009. 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) 2009. 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 21 212 visits. A total of 1 194 cases of chlamydia, 220 cases of gonorrhoea, 224 cases of genital herpes, 929 cases of genital warts, 30 cases of syphilis and 187 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2008 are shown in Table 1.

Family Planning Clinics (FPCs)

During the current quarter, FPCs reported 46 649 visits. A total of 868 cases of chlamydia, 55 cases of gonorrhoea, 34 cases of genital herpes, 136 cases of genital warts and one case of syphilis were reported. There were no cases of NSU in males reported in this quarter. STI rates and comparisons with the equivalent quarter in 2008 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 46 670 visits. A total of 224 cases of chlamydia, 19 cases of gonorrhoea, 15 cases of genital herpes, 42 cases of genital warts and one 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 2008 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 2009, compared to the equivalent quarter of 2008.

Clinical setting	STI	January to March 2008		January to March 2009		Clinic Visit Rate ¹ change ² between quarters
		Number of Cases	Clinic Visit Rate ¹ (%)	Number of Cases	Clinic Visit Rate ¹ (%)	
SHCs	Chlamydia	1 309	6.4	1 194	5.6	▼
	Gonorrhoea	225	1.1	220	1.0	▼
	Genital herpes	189	0.9	224	1.1	▲
	Genital warts	939	4.6	929	4.4	▼
	Syphilis	26	0.1	30	0.1	—
	NSU (Males Only)	162	1.9	187	2.1	▲
FPCs	Chlamydia	810	1.9	868	1.9	—
	Gonorrhoea	48	0.1	55	0.1	—
	Genital herpes	30	0.1	34	0.1	—
	Genital warts	146	0.3	136	0.3	—
	Syphilis	0	0.0	1	0.0	—
	NSU (Males Only)	4	0.2	0	0.0	▼
SYHCs	Chlamydia	224	0.5	212	0.5	—
	Gonorrhoea	19	0.0	11	0.0	—
	Genital herpes	15	0.0	18	0.1	▲
	Genital warts	42	0.1	59	0.1	—
	Syphilis	0	0.0	2	0.0	—
	NSU (Males Only)	1	0.0	2	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 2009

<u>Clinic Type, by area</u>		<u>Total Clinic</u> <u>Visits¹</u>	<u>Chlamydia</u>	<u>Gonorrhoea</u>	<u>Genital</u> <u>Herpes²</u>	<u>Genital</u> <u>Warts²</u>	<u>Syphilis³</u>
North							
Sexual Health Clinics	No.	5,899	312	56	63	268	6
	Rate ³		5.3%	0.9%	1.1%	4.5%	0.1%
Family Planning Clinics	No.	18,002	322	17	13	36	1
	Rate ³		1.8%	0.1%	0.1%	0.2%	0.0%
Student & Youth Health Clinics	No.	6,555	23	3	0	0	0
	Rate ³		0.4%	0.0%	0.0%	0.0%	0.0%
Subtotal North		30,456	657	76	76	304	7
Midland							
Sexual Health Clinics	No.	6,402	448	54	43	251	3
	Rate ³		7.0%	0.8%	0.7%	3.9%	0.0%
Family Planning Clinics	No.	7,458	209	14	4	25	0
	Rate ³		2.8%	0.2%	0.1%	0.3%	0.0%
Student & Youth Health Clinics	No.	9,628	8	1	2	0	0
	Rate ³		0.1%	0.0%	0.0%	0.0%	0.0%
Subtotal Midland		23,488	665	69	49	276	3
Central							
Sexual Health Clinics	No.	4,007	235	61	50	230	8
	Rate ³		5.9%	1.5%	1.2%	5.7%	0.2%
Family Planning Clinics	No.	9,796	218	9	8	32	0
	Rate ³		2.2%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health Clinics	No.	14,481	130	5	6	30	2
	Rate ³		0.9%	0.0%	0.0%	0.2%	0.0%
Subtotal Central		28,284	583	75	64	292	10
South							
Sexual Health Clinics	No.	4,904	199	49	68	180	13
	Rate ³		4.1%	1.0%	1.4%	3.7%	0.3%
Family Planning Clinics	No.	11,393	119	15	9	43	0
	Rate ³		1.0%	0.1%	0.1%	0.4%	0.0%
Student & Youth Health Clinics	No.	16,006	51	2	10	29	0
	Rate ³		0.3%	0.0%	0.1%	0.2%	0.0%
Subtotal South		32,303	369	66	87	252	13
All							
Sexual Health Clinics	No.	21,212	1,194	220	224	929	30
	Rate.		5.6%	1.0%	1.1%	4.4%	0.1%
Family Planning Clinics	No.	46,649	868	55	34	136	1
	Rate.		1.9%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health Clinics	No.	46,670	212	11	18	59	2
	Rate.		0.5%	0.0%	0.0%	0.1%	0.0%
Total	No.	114,531	2,274	286	276	1,124	33
	Rate.		2.0%	0.2%	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 Infectious syphilis (primary, secondary and early latent)

⁴ Rate = (no. of cases/total no. of clinic visits) x100, expressed as a percentage

Table 1.2: Summary - Chlamydia Site of Infection

Quarter 1 2009

	Confirmed						Total ¹
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. ²	% ³	No. ²	% ³	No. ²	% ³	
Sexual Health Clinics	1174	98.3%	16	1.3%	4	0.3%	1194
Family Planning Clinics	857	98.7%	11	1.3%	0	0.0%	868
Student & Youth Health Clinics	211	99.5%	1	0.5%	0	0.0%	212
Total	2242	98.6%	28	1.2%	4	0.2%	2274

Table 1.3: Summary - Gonorrhoea Site of Infection

Quarter 1 2009

	Confirmed										Total ¹
	Uncomplicated infection				PID/ epididymitis		Extra-genital				
	Urogenital		Anorectal				Pharynx		Other site		
	No. ²	% ³	No. ₂	% ³			No. ²	% ³	No. ²	% ³	
Sexual Health Clinics	199	90.5%	6	2.7%	6	2.7%	6	2.7%	3	1.4%	220
Family Planning Clinics	53	94.6%	0	0.0%	3	5.4%	0	0.0%	0	0.0%	56
Student & Youth Health Clinic	11	91.7%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	12
Total	263	91.3%	7	2.4%	9	3.1%	6	2.1%	3	1.0%	288

¹ Total = 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.

² No. = no. of diagnoses by site

³ % = no. of diagnoses by site/total no. of diagnoses by clinic type, x100

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>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
627	697	Whangarei	72	11.5%	46	6.6%
158	138	Dargaville	6	3.8%	3	2.2%
75	64	Kaikohe	3	4.0%	7	10.9%
4891	5000	Auckland	257	5.3%	256	5.1%
5751	5899	North	338	5.9%	312	5.3%
2051	2438	Hamilton	179	8.7%	174	7.1%
1841	2260	Tauranga	149	8.1%	104	4.6%
272	257	Rotorua	16	5.9%	9	3.5%
432	457	Whakatane	55	12.7%	41	9.0%
218	276	Taupo	25	11.5%	47	17.0%
592	644	New Plymouth	75	12.7%	73	11.3%
757	70	Gisborne	50	6.6%	0	0.0%
6163	6402	Midland	549	8.9%	448	7.0%
281	212	Napier	39	13.9%	31	14.6%
132	111	Hastings	40	30.3%	48	43.2%
223	273	Wanganui	12	5.4%	13	4.8%
840	942	Palmerston North/Levin/Dannevirke	53	6.3%	66	7.0%
2051	1550	Wellington	50	2.4%	42	2.7%
201	234	Lower Hutt	3	1.5%	6	2.6%
100	82	Porirua	5	5.0%	6	7.3%
527	446	Nelson	12	2.3%	15	3.4%
171	157	Wairau (Blenheim)	11	6.4%	8	5.1%
4526	4007	Central	225	5.0%	235	5.9%
158	118	Greymouth	11	7.0%	10	8.5%
110	103	Westport/Buller	11	10.0%	5	4.9%
2154	3380	Christchurch	83	3.9%	83	2.5%
31	21	Ashburton	2	6.5%	1	4.8%
182	167	Timaru	19	10.4%	20	12.0%
786	509	Dunedin	25	3.2%	24	4.7%
599	606	Invercargill/Gore/Wyndham	46	7.7%	56	9.2%
4020	4904	South	197	4.9%	199	4.1%
20460	21212	Total	1309	6.4%	1194	5.6%

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 2.2: Chlamydia - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	67	117	59	31	21	6	14	0	315
		0.0	11.0	7.6	5.2	3.9	3.3	1.2	1.5	0.0	5.1
	Maori	0	67	52	19	9	4	1	3	0	155
		0.0	23.2	14.0	10.2	7.0	4.0	1.9	7.1	0.0	13.1
	Pacific Peoples	0	6	16	15	4	1	0	0	0	42
		0.0	15.0	16.3	18.3	8.5	3.1	0.0	0.0	-	11.7
	Other	0	1	13	14	6	3	1	1	0	39
		0.0	2.7	7.9	5.7	3.5	2.1	1.1	0.8	-	3.9
	Unknown	0	1	3	2	2	1	0	0	0	9
		0.0	3.7	5.2	3.4	13.3	2.4	0.0	0.0	0.0	3.1
Total		0	142	201	109	52	30	8	18	0	560
		0.0	14.2	9.0	6.4	4.5	3.2	1.2	1.5	0.0	6.2
Females	European/Pakeha	3	133	76	24	11	4	3	2	0	256
		2.8	5.7	3.9	2.4	1.4	0.8	1.0	0.4	0.0	3.4
	Maori	12	161	67	33	11	5	1	0	0	290
		14.3	13.9	8.8	10.0	4.9	3.7	1.5	0.0	0.0	10.2
	Pacific Peoples	0	13	16	5	4	3	0	1	0	42
		0.0	13.5	10.2	6.3	6.1	15.0	0.0	3.8	-	9.2
	Other	0	12	17	9	4	0	0	0	0	42
		0.0	8.3	6.2	3.4	2.4	0.0	0.0	0.0	0.0	3.7
	Unknown	0	2	2	0	0	0	0	0	0	4
		0.0	2.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Total		15	321	178	71	30	12	4	3	0	634
		7.4	8.4	5.5	4.1	2.4	1.6	0.8	0.4	0.0	5.2

¹ Rate = (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>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
627	697	Whangarei	4	0.6%	7	1.0%
158	138	Dargaville	0	0.0%	2	1.4%
75	64	Kaikohe	1	1.3%	0	0.0%
4891	5000	Auckland	65	1.3%	47	0.9%
5751	5899	North	70	1.2%	56	0.9%
2051	2438	Hamilton	23	1.1%	28	1.1%
1841	2260	Tauranga	11	0.6%	3	0.1%
272	257	Rotorua	2	0.7%	3	1.2%
432	457	Whakatane	3	0.7%	7	1.5%
218	276	Taupo	4	1.8%	0	0.0%
592	644	New Plymouth	9	1.5%	13	2.0%
757	70	Gisborne	8	1.1%	0	0.0%
6163	6402	Midland	60	1.0%	54	0.8%
281	212	Napier	12	4.3%	10	4.7%
132	111	Hastings	8	6.1%	10	9.0%
223	273	Wanganui	4	1.8%	1	0.4%
840	942	Palmerston North/Levin/Dannevirke	8	1.0%	8	0.8%
2051	1550	Wellington	17	0.8%	25	1.6%
201	234	Lower Hutt	4	2.0%	3	1.3%
100	82	Porirua	1	1.0%	0	0.0%
527	446	Nelson	1	0.2%	2	0.4%
171	157	Wairau (Blenheim)	0	0.0%	2	1.3%
4526	4007	Central	55	1.2%	61	1.5%
158	118	Greymouth	3	1.9%	2	1.7%
110	103	Westport/Buller	0	0.0%	0	0.0%
2154	3380	Christchurch	13	0.6%	25	0.7%
31	21	Ashburton	0	0.0%	1	4.8%
182	167	Timaru	5	2.7%	7	4.2%
786	509	Dunedin	4	0.5%	0	0.0%
599	606	Invercargill/Gore/Wyndham	15	2.5%	14	2.3%
4020	4904	South	40	1.0%	49	1.0%
20460	21212	Total	225	1.1%	220	1.0%

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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	11	19	9	5	3	3	5	0	55
		0.0	1.8	1.2	0.8	0.6	0.5	0.6	0.5	0.0	0.9
	Maori	0	25	17	8	2	2	1	0	0	55
		0.0	8.7	4.6	4.3	1.6	2.0	1.9	0.0	0.0	4.7
	Pacific Peoples	0	2	5	3	1	1	0	0	0	12
		0.0	5.0	5.1	3.7	2.1	3.1	0.0	0.0	-	3.4
	Other	0	1	3	3	1	2	0	0	0	10
		0.0	2.7	1.8	1.2	0.6	1.4	0.0	0.0	-	1.0
	Unknown	0	0	2	1	1	0	2	0	0	6
		0.0	0.0	3.4	1.7	6.7	0.0	7.4	0.0	0.0	2.1
Total		<u>0</u>	<u>39</u>	<u>46</u>	<u>24</u>	<u>10</u>	<u>8</u>	<u>6</u>	<u>5</u>	<u>0</u>	<u>138</u>
		<u>0.0</u>	<u>3.9</u>	<u>2.1</u>	<u>1.4</u>	<u>0.9</u>	<u>0.8</u>	<u>0.9</u>	<u>0.4</u>	<u>0.0</u>	<u>1.5</u>
Females	European/Pakeha	0	14	14	2	4	0	0	0	0	34
		0.0	0.6	0.7	0.2	0.5	0.0	0.0	0.0	0.0	0.5
	Maori	1	18	14	6	0	0	2	0	0	41
		1.2	1.6	1.8	1.8	0.0	0.0	3.0	0.0	0.0	1.4
	Pacific Peoples	0	2	2	0	0	0	0	0	0	4
		0.0	2.1	1.3	0.0	0.0	0.0	0.0	0.0	-	0.9
	Other	0	1	0	2	0	0	0	0	0	3
		0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.3
	Total	<u>1</u>	<u>35</u>	<u>30</u>	<u>10</u>	<u>4</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>82</u>
		<u>0.5</u>	<u>0.9</u>	<u>0.9</u>	<u>0.6</u>	<u>0.3</u>	<u>0.0</u>	<u>0.4</u>	<u>0.0</u>	<u>0.0</u>	<u>0.7</u>

¹ Rate = (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>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
627	697	Whangarei	6	1.0%	6	0.9%
158	138	Dargaville	0	0.0%	0	0.0%
75	64	Kaikohe	1	1.3%	1	1.6%
4891	5000	Auckland	33	0.7%	56	1.1%
5751	5899	North	40	0.7%	63	1.1%
2051	2438	Hamilton	25	1.2%	19	0.8%
1841	2260	Tauranga	11	0.6%	16	0.7%
272	257	Rotorua	4	1.5%	0	0.0%
432	457	Whakatane	3	0.7%	1	0.2%
218	276	Taupo	5	2.3%	0	0.0%
592	644	New Plymouth	5	0.8%	7	1.1%
757	70	Gisborne	1	0.1%	0	0.0%
6163	6402	Midland	54	0.9%	43	0.7%
281	212	Napier	10	3.6%	4	1.9%
132	111	Hastings	2	1.5%	4	3.6%
223	273	Wanganui	1	0.4%	1	0.4%
840	942	Palmerston North/Levin/Dannevirke	8	1.0%	9	1.0%
2051	1550	Wellington	21	1.0%	14	0.9%
201	234	Lower Hutt	1	0.5%	6	2.6%
100	82	Porirua	0	0.0%	1	1.2%
527	446	Nelson	3	0.6%	9	2.0%
171	157	Wairau (Blenheim)	1	0.6%	2	1.3%
4526	4007	Central	47	1.0%	50	1.2%
158	118	Greymouth	2	1.3%	4	3.4%
110	103	Westport/Buller	1	0.9%	0	0.0%
2154	3380	Christchurch	26	1.2%	41	1.2%
31	21	Ashburton	1	3.2%	1	4.8%
182	167	Timaru	1	0.5%	1	0.6%
786	509	Dunedin	8	1.0%	6	1.2%
599	606	Invercargill/Gore/Wyndham	9	1.5%	15	2.5%
4020	4904	South	48	1.2%	68	1.4%
20460	21212	Total	189	0.9%	224	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 2.6: Genital Herpes - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 1 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	4	22	17	12	8	4	10	0	77
		0.0	0.7	1.4	1.5	1.5	1.3	0.8	1.0	0.0	1.2
	Maori	0	4	2	2	4	1	0	0	0	13
		0.0	1.4	0.5	1.1	3.1	1.0	0.0	0.0	0.0	1.1
	Other	0	0	3	2	0	1	0	3	0	9
		0.0	0.0	1.8	0.8	0.0	0.7	0.0	2.3	-	0.9
	Unknown	0	0	1	1	0	1	0	2	0	5
		0.0	0.0	1.7	1.7	0.0	2.4	0.0	3.3	0.0	1.7
Total		0	8	28	22	16	11	4	15	0	104
		0.0	0.8	1.3	1.4	1.4	1.2	0.6	1.3	0.0	1.2
Females	European/Pakeha	1	20	20	13	8	4	2	10	0	78
		0.9	0.9	1.0	1.3	1.0	0.8	0.6	2.2	0.0	1.0
	Maori	0	11	4	1	3	2	0	0	0	21
		0.0	1.0	0.5	0.3	1.3	1.5	0.0	0.0	0.0	0.7
	Pacific Peoples	0	0	4	0	0	0	0	0	0	4
		0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	-	0.9
	Other	0	1	4	3	2	1	0	1	0	12
		0.0	0.7	1.4	1.1	1.2	1.1	0.0	0.8	0.0	1.1
	Unknown	0	1	3	1	0	0	0	0	0	5
		0.0	1.4	3.4	3.2	0.0	0.0	0.0	0.0	0.0	1.6
Total		1	33	35	18	13	7	2	11	0	120
		0.5	0.9	1.1	1.0	1.0	0.9	0.4	1.6	0.0	1.0

¹ Rate = (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>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
627	697	Whangarei	33	5.3%	23	3.3%
158	138	Dargaville	2	1.3%	0	0.0%
75	64	Kaikohe	0	0.0%	2	3.1%
4891	5000	Auckland	241	4.9%	243	4.9%
5751	5899	North	276	4.8%	268	4.5%
2051	2438	Hamilton	108	5.3%	116	4.8%
1841	2260	Tauranga	51	2.8%	53	2.3%
272	257	Rotorua	10	3.7%	16	6.2%
432	457	Whakatane	13	3.0%	13	2.8%
218	276	Taupo	8	3.7%	1	0.4%
592	644	New Plymouth	33	5.6%	52	8.1%
757	70	Gisborne	0	0.0%	0	0.0%
6163	6402	Midland	223	3.6%	251	3.9%
281	212	Napier	16	5.7%	19	9.0%
132	111	Hastings	10	7.6%	15	13.5%
223	273	Wanganui	13	5.8%	7	2.6%
840	942	Palmerston North/Levin/Dannevirke	41	4.9%	31	3.3%
2051	1550	Wellington	82	4.0%	75	4.8%
201	234	Lower Hutt	7	3.5%	23	9.8%
100	82	Porirua	6	6.0%	6	7.3%
527	446	Nelson	35	6.6%	24	5.4%
171	157	Wairau (Blenheim)	26	15.2%	30	19.1%
4526	4007	Central	236	5.2%	230	5.7%
158	118	Greymouth	7	4.4%	5	4.2%
110	103	Westport/Buller	4	3.6%	2	1.9%
2154	3380	Christchurch	104	4.8%	90	2.7%
31	21	Ashburton	3	9.7%	6	28.6%
182	167	Timaru	3	1.6%	10	6.0%
786	509	Dunedin	43	5.5%	29	5.7%
599	606	Invercargill/Gore/Wyndham	40	6.7%	38	6.3%
4020	4904	South	204	5.1%	180	3.7%
20460	21212	Total	939	4.6%	929	4.4%

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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	41	106	59	40	29	21	21	0	317
		0.0	6.7	6.9	5.2	5.1	4.6	4.3	2.2	0.0	5.1
	Maori	0	19	23	10	5	3	4	2	0	66
		0.0	6.6	6.2	5.4	3.9	3.0	7.7	4.8	0.0	5.6
	Pacific Peoples	0	5	3	3	2	1	0	0	0	14
		0.0	12.5	3.1	3.7	4.3	3.1	0.0	0.0	-	3.9
	Other	0	1	9	9	7	3	1	1	0	31
		0.0	2.7	5.5	3.7	4.1	2.1	1.1	0.8	-	3.1
	Unknown	0	0	1	2	0	1	0	1	0	5
		0.0	0.0	1.7	3.4	0.0	2.4	0.0	1.6	0.0	1.7
Total		0	66	142	83	54	37	26	25	0	433
		0.0	6.6	6.4	4.9	4.7	3.9	3.8	2.0	0.0	4.8
Females	European/Pakeha	1	132	102	44	22	10	6	8	0	325
		0.9	5.6	5.2	4.3	2.9	2.1	1.9	1.8	0.0	4.4
	Maori	2	64	22	5	4	3	1	2	0	103
		2.4	5.5	2.9	1.5	1.8	2.2	1.5	2.8	0.0	3.6
	Pacific Peoples	0	10	6	4	4	0	0	2	0	26
		0.0	10.4	3.8	5.0	6.1	0.0	0.0	7.7	-	5.7
	Other	0	7	9	10	6	0	0	3	0	35
		0.0	4.8	3.3	3.7	3.6	0.0	0.0	2.5	0.0	3.1
	Unknown	0	3	2	1	1	0	0	0	0	7
		0.0	4.2	2.3	3.2	3.3	0.0	0.0	0.0	0.0	2.2
Total		3	216	141	64	37	13	7	15	0	496
		1.5	5.7	4.3	3.7	3.0	1.7	1.4	2.2	0.0	4.1

¹ Rate = (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>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
627	697	Whangarei	0	0.0%	0	0.0%
158	138	Dargaville	0	0.0%	0	0.0%
75	64	Kaikohe	0	0.0%	0	0.0%
4891	5000	Auckland	12	0.2%	6	0.1%
5751	5899	North	12	0.2%	6	0.1%
2051	2438	Hamilton	2	0.1%	1	0.0%
1841	2260	Tauranga	1	0.1%	2	0.1%
272	257	Rotorua	0	0.0%	0	0.0%
432	457	Whakatane	0	0.0%	0	0.0%
218	276	Taupo	0	0.0%	0	0.0%
592	644	New Plymouth	0	0.0%	0	0.0%
757	70	Gisborne	0	0.0%	0	0.0%
6163	6402	Midland	3	0.0%	3	0.0%
281	212	Napier	0	0.0%	1	0.5%
132	111	Hastings	2	1.5%	1	0.9%
223	273	Wanganui	0	0.0%	0	0.0%
840	942	Palmerston North/Levin/Dannevirke	1	0.1%	0	0.0%
2051	1550	Wellington	6	0.3%	4	0.3%
201	234	Lower Hutt	0	0.0%	0	0.0%
100	82	Porirua	0	0.0%	1	1.2%
527	446	Nelson	0	0.0%	0	0.0%
171	157	Wairau (Blenheim)	0	0.0%	1	0.6%
4526	4007	Central	9	0.2%	8	0.2%
158	118	Greymouth	0	0.0%	0	0.0%
110	103	Westport/Buller	0	0.0%	0	0.0%
2154	3380	Christchurch	0	0.0%	8	0.2%
31	21	Ashburton	0	0.0%	0	0.0%
182	167	Timaru	0	0.0%	0	0.0%
786	509	Dunedin	0	0.0%	3	0.6%
599	606	Invercargill/Gore/Wyndham	2	0.3%	2	0.3%
4020	4904	South	2	0.0%	13	0.3%
20460	21212	Total	26	0.1%	30	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 2009

		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	1	2	0	5	0	10
		0.0	0.0	0.1	0.1	0.1	0.3	0.0	0.5	0.0	0.2
	Maori	0	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.1
	Pacific Peoples	0	0	0	0	0	1	0	3	0	4
		0.0	0.0	0.0	0.0	0.0	3.1	0.0	7.3	-	1.1
	Other	0	0	0	0	1	3	0	3	0	7
		0.0	0.0	0.0	0.0	0.6	2.1	0.0	2.3	-	0.7
	Unknown	0	0	1	0	0	1	0	1	0	3
		0.0	0.0	1.7	0.0	0.0	2.4	0.0	1.6	0.0	1.0
Total		<u>0</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>8</u>	<u>0</u>	<u>12</u>	<u>0</u>	<u>25</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.2</u>	<u>0.8</u>	<u>0.0</u>	<u>1.0</u>	<u>0.0</u>	<u>0.3</u>
Females	European/Pakeha	0	0	1	0	0	0	0	1	0	2
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0
	Other	0	0	1	0	1	0	0	1	0	3
		0.0	0.0	0.4	0.0	0.6	0.0	0.0	0.8	0.0	0.3
	Total	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>5</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	<u>0.0</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.3</u>	<u>0.0</u>	<u>0.1</u>

¹ Rate = (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 Visits¹</u>			<u>2008 Total</u>		<u>2009 Total</u>	
<u>2008</u>	<u>2009</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
149	208	Whangarei	0	0.0%	0	0.0%
2	5	Dargaville	0	0.0%	0	0.0%
5	6	Kaikohe	0	0.0%	0	0.0%
2433	2472	Auckland	93	3.8%	82	3.3%
2589	2691	North	93	3.6%	82	3.0%
826	1033	Hamilton	12	1.5%	17	1.6%
407	431	Tauranga	8	2.0%	10	2.3%
101	123	Rotorua	0	0.0%	0	0.0%
56	57	Whakatane	1	1.8%	1	1.8%
71	66	Taupo	0	0.0%	0	0.0%
240	283	New Plymouth	9	3.8%	16	5.7%
97	18	Gisborne	0	0.0%	0	0.0%
1798	2011	Midland	30	1.7%	44	2.2%
62	49	Napier	0	0.0%	0	0.0%
32	15	Hastings	0	0.0%	0	0.0%
75	110	Wanganui	3	4.0%	0	0.0%
344	383	Palmerston North/Levin/Dannevirke	8	2.3%	10	2.6%
1129	859	Wellington	0	0.0%	7	0.8%
102	128	Lower Hutt	0	0.0%	0	0.0%
43	38	Porirua	0	0.0%	0	0.0%
248	244	Nelson	5	2.0%	9	3.7%
69	83	Wairau (Blenheim)	0	0.0%	0	0.0%
2104	1909	Central	16	0.8%	26	1.4%
63	45	Greymouth	0	0.0%	0	0.0%
34	26	Westport/Buller	0	0.0%	1	3.8%
1185	1758	Christchurch	17	1.4%	26	1.5%
18	4	Ashburton	0	0.0%	0	0.0%
79	86	Timaru	0	0.0%	0	0.0%
255	174	Dunedin	0	0.0%	4	2.3%
280	295	Invercargill/Gore/Wyndham	6	2.1%	4	1.4%
1914	2388	South	23	1.2%	35	1.5%
8405	8999	Total	162	1.9%	187	2.1%

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

Quarter 1 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	12	39	26	17	15	17	16	0	142
		0.0	2.0	2.5	2.3	2.2	2.4	3.5	1.7	0.0	2.3
	Maori	0	5	6	5	1	3	0	0	0	20
		0.0	1.7	1.6	2.7	0.8	3.0	0.0	0.0	0.0	1.7
	Pacific Peoples	0	0	0	2	1	2	1	0	0	6
		0.0	0.0	0.0	2.4	2.1	6.3	5.6	0.0	-	1.7
	Other	0	2	3	5	3	2	0	1	0	16
		0.0	5.4	1.8	2.0	1.7	1.4	0.0	0.8	-	1.6
	Unknown	0	0	1	1	0	1	0	0	0	3
		0.0	0.0	1.7	1.7	0.0	2.4	0.0	0.0	0.0	1.0
Total		<u>0</u>	<u>19</u>	<u>49</u>	<u>39</u>	<u>22</u>	<u>23</u>	<u>18</u>	<u>17</u>	<u>0</u>	<u>187</u>
		<u>0.0</u>	<u>1.9</u>	<u>2.2</u>	<u>2.3</u>	<u>1.9</u>	<u>2.4</u>	<u>2.7</u>	<u>1.4</u>	<u>0.0</u>	<u>2.1</u>

¹ Rate = (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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	11	43	9	1	0	0	0	0	64
		0.0	3.4	7.0	3.9	1.1	0.0	0.0	0.0	0.0	4.1
	Maori	0	14	14	7	1	1	0	0	0	37
		0.0	10.2	11.4	17.1	4.5	4.3	0.0	0.0	-	10.0
	Pacific Peoples	0	4	3	0	0	0	0	0	0	7
		0.0	12.1	5.3	0.0	0.0	0.0	0.0	0.0	-	5.3
	Other	0	0	1	0	1	0	0	0	0	2
		0.0	0.0	3.3	0.0	7.7	0.0	0.0	0.0	-	1.7
	Unknown	0	3	3	1	1	0	0	0	0	8
Females		0.0	8.1	4.8	3.3	8.3	0.0	0.0	0.0	0.0	4.5
	Total	0	32	64	17	4	1	0	0	0	118
		0.0	5.9	7.2	5.0	2.8	0.6	0.0	0.0	0.0	5.0
	European/Pakeha	0	147	178	36	16	4	3	1	0	385
		0.0	2.2	1.7	0.8	0.6	0.2	0.2	0.0	-	1.3
	Maori	0	95	101	30	7	3	1	0	0	237
		0.0	4.3	4.7	3.5	1.3	0.9	0.6	0.0	-	3.7
	Pacific Peoples	0	21	35	13	6	0	0	0	0	75
		0.0	4.5	4.4	3.8	2.9	0.0	0.0	0.0	-	3.5
Females	Other	0	3	9	2	2	1	2	2	0	21
		0.0	0.8	1.0	0.3	0.4	0.3	0.7	0.7	-	0.6
	Unknown	0	13	11	3	4	0	0	0	0	31
		0.0	2.5	1.6	0.7	1.2	0.0	0.0	0.0	0.0	1.2
	Total	0	279	334	84	35	8	6	3	0	749
		0.0	2.8	2.2	1.2	0.9	0.3	0.3	0.1	0.0	1.7

¹ Rate = (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 2009

		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	1	0	1	0	0	0	4
		0.0	0.0	0.3	0.4	0.0	1.0	0.0	0.0	0.0	0.3
	Maori	0	3	1	0	0	0	0	0	0	4
		0.0	2.2	0.8	0.0	0.0	0.0	0.0	0.0	-	1.1
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	-	0.8
	Unknown	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.6
Total		<u>0</u>	<u>3</u>	<u>3</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>10</u>
		<u>0.0</u>	<u>0.6</u>	<u>0.4</u>	<u>0.6</u>	<u>0.8</u>	<u>0.7</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.4</u>
Females	European/Pakeha	0	7	9	2	1	1	0	0	0	20
		0.0	0.1	0.1	0.0	0.0	0.1	0.0	0.0	-	0.1
	Maori	0	13	7	0	0	0	0	0	0	20
		0.0	0.6	0.3	0.0	0.0	0.0	0.0	0.0	-	0.3
	Pacific Peoples	0	2	2	1	0	0	0	0	0	5
		0.0	0.4	0.3	0.3	0.0	0.0	0.0	0.0	-	0.2
	Total	<u>0</u>	<u>22</u>	<u>18</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>45</u>
		<u>0.0</u>	<u>0.2</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>0.1</u>

¹ Rate = (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 2009

		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	0	0	0	2
		0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	-	0.3
	Other	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	-	0.9
	Unknown	0	0	1	0	0	0	0	0	0	1
Females		0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	Total	<u>0</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>5</u>
		<u>0.0</u>	<u>0.0</u>	<u>0.5</u>	<u>0.3</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>
	European/Pakeha	0	7	6	2	2	2	1	0	0	20
		0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.0	-	0.1
	Maori	0	1	3	0	0	0	0	0	0	4
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
Females	Pacific Peoples	0	1	1	0	0	0	0	0	0	2
		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
	Other	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0
	Unknown	0	1	0	0	0	0	0	1	0	2
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.1
	Total	<u>0</u>	<u>10</u>	<u>11</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>29</u>
		<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>

¹ Rate = (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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	1	18	4	1	0	0	0	0	24
		0.0	0.3	2.9	1.7	1.1	0.0	0.0	0.0	0.0	1.5
	Maori	0	0	5	0	0	0	0	0	0	5
		0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	-	1.4
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.8
	Other	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	3.3	3.8	0.0	0.0	0.0	0.0	-	1.7
Females	Unknown	0	0	4	1	0	0	0	0	0	5
		0.0	0.0	6.3	3.3	0.0	0.0	0.0	0.0	0.0	2.8
	Total	0	2	28	6	1	0	0	0	0	37
		0.0	0.4	3.2	1.7	0.7	0.0	0.0	0.0	0.0	1.6
	European/Pakeha	0	17	31	9	6	1	0	0	0	64
		0.0	0.3	0.3	0.2	0.2	0.1	0.0	0.0	-	0.2
	Maori	0	8	4	2	0	0	0	0	0	14
		0.0	0.4	0.2	0.2	0.0	0.0	0.0	0.0	-	0.2
Females	Pacific Peoples	0	0	3	0	0	0	0	1	0	4
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.4	-	0.2
	Other	0	1	0	1	0	0	0	0	0	2
		0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	5	5	3	1	1	0	0	0	15
		0.0	0.9	0.7	0.7	0.3	0.4	0.0	0.0	0.0	0.6
	Total	0	31	43	15	7	2	0	1	0	99
		0.0	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.2

¹ Rate = (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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	18	15	0	0	0	0	0	0	34
		2.2	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	Maori	0	2	5	1	0	0	0	0	0	8
		0.0	1.8	1.8	1.2	0.0	0.0	0.0	0.0	-	1.2
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	-	0.4
	Other	0	3	0	1	0	0	0	0	0	4
		0.0	0.9	0.0	0.2	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		<u>1</u>	<u>23</u>	<u>22</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>48</u>
		<u>0.8</u>	<u>1.2</u>	<u>0.5</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>0.3</u>
Females	European/Pakeha	0	62	32	4	0	0	0	0	0	98
		0.0	1.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.5
	Maori	3	28	10	1	0	0	0	0	0	42
		13.0	5.3	1.3	0.5	0.0	0.0	0.0	0.0	-	2.1
	Pacific Peoples	0	2	3	2	0	0	0	0	0	7
		0.0	1.5	1.6	1.8	0.0	0.0	0.0	0.0	-	1.2
	Other	1	3	6	2	0	0	1	0	0	13
		2.7	0.5	0.3	0.2	0.0	0.0	1.1	0.0	-	0.3
	Unknown	0	1	2	0	1	0	0	0	0	4
		0.0	1.1	1.1	0.0	3.7	0.0	0.0	0.0	0.0	0.1
Total		<u>4</u>	<u>96</u>	<u>53</u>	<u>9</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>164</u>
		<u>3.1</u>	<u>1.6</u>	<u>0.5</u>	<u>0.4</u>	<u>0.1</u>	<u>0.0</u>	<u>0.2</u>	<u>0.0</u>	<u>0.0</u>	<u>0.5</u>

¹ Rate = (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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	0	1	0	0	1	0	0	0	2
		0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
	Total	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</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>0.0</u>	<u>0.0</u>	<u>0.6</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
Females	European/Pakeha	0	3	1	0	0	0	0	0	0	4
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	0	3	1	1	0	0	0	0	0	5
		0.0	0.6	0.1	0.5	0.0	0.0	0.0	0.0	-	0.3
	Total	<u>0</u>	<u>6</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>9</u>
		<u>0.0</u>	<u>0.1</u>	<u>0.0</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>

¹ Rate = (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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	1	1	0	0	0	0	0	0	2
		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	<u>0</u>	<u>1</u>	<u>2</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>0.1</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>
Females	European/Pakeha	0	5	6	0	0	2	0	0	0	13
		0.0	0.1	0.1	0.0	0.0	0.7	0.0	0.0	0.0	0.1
	Maori	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
	Other	0	1	0	0	0	0	0	0	0	1
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0
	Total	<u>0</u>	<u>6</u>	<u>7</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>15</u>
		<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.3</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>

¹ Rate = (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 2009

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	3	10	0	0	1	0	0	0	14
		0.0	0.2	0.4	0.0	0.0	0.6	0.0	0.0	0.0	0.2
	Maori	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	-	0.3
	Pacific Peoples	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	-	0.4
	Other	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total		0	5	13	0	0	1	0	0	0	19
		0.0	0.3	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.1
Females	European/Pakeha	0	16	17	1	0	0	0	0	0	34
		0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	2	0	0	0	0	0	0	0	2
		0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
	Pacific Peoples	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
	Other	0	2	1	0	0	0	0	0	0	3
		0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
	Total	0	20	19	1	0	0	0	0	0	40
		0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2

¹ Rate = (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>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>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>