

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

October to December 2007

Prepared as part of a Ministry of Health
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, 36 FPCs and 16 SYHCs participate. In addition to clinic surveillance, laboratory surveillance of gonorrhoea began in the Auckland, Waikato and Bay of Plenty (BOP) regions in 1998. Laboratory surveillance of chlamydia began in the Waikato and BOP regions in 1998 and in the Auckland region in 2001. Since June 2004, efforts have been made to extend STI surveillance to additional laboratories across New Zealand.

Quarterly reports of laboratory-based surveillance are produced separately and are available at www.surv.esr.cri.nz.

All results and analyses are based on data submitted prior to the 4th March 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 fourth quarter (October to December) 2007. 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 for the fourth quarter (October to December) 2007. 4/36 (11.1%) of FPCs were not able to provide data by the date required for all three months in this quarter. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

SYHCs

Sixteen SYHCs participate in STI surveillance. All 16 clinics provided STI data for the fourth quarter (October to December) 2007. 4/16 (25.0%) of FPCs were not able to provide 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 be closed during holiday periods.

Overview

Sexual Health Clinics (SHCs)

During the current quarter, SHCs reported 20 438 visits. A total of 1 098 cases of chlamydia, 215 cases of gonorrhoea, 190 cases of genital herpes, 837 cases of genital warts, 12 cases of syphilis and 139 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2006 are shown in Table 1.

Family Planning Clinics (FPCs)

During the current quarter, FPCs reported 46 395 visits. A total of 799 cases of chlamydia, 43 cases of gonorrhoea, 20 cases of genital herpes, 154 cases of genital warts and 3 cases of NSU in males were reported. There were no cases of syphilis reported in this quarter. STI rates and comparisons with the equivalent quarter in 2006 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 44 127 visits. A total of 213 cases of chlamydia, 8 cases of gonorrhoea, 13 cases of genital herpes, 38 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 2006 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 October to December 2007, compared to the equivalent quarter of 2006.

Clinical setting	STI	October to December 2006		October to December 2007		Clinic Visit Rate ¹ change ² between quarters
		Number of Cases	Clinic Visit Rate ¹ (%)	Number of Cases	Clinic Visit Rate ¹ (%)	
SHCs	Chlamydia	967	4.4%	1098	5.4%	▲
	Gonorrhoea	169	0.8%	215	1.1%	▲
	Genital herpes	153	0.7%	190	0.9%	▲
	Genital warts	679	3.1%	837	4.1%	▲
	Syphilis	22	0.1%	12	0.1%	—
	NSU (Males Only)	128	1.4%	139	1.6%	▲
FPCs	Chlamydia	814	1.7%	799	1.7%	—
	Gonorrhoea	54	0.1%	43	0.1%	—
	Genital herpes	37	0.1%	20	0.0%	▼
	Genital warts	163	0.3%	154	0.3%	—
	Syphilis	1	0.0%	0	0.0%	—
	NSU (Males Only)	0	0.0%	3	0.1%	▲
SYHCs	Chlamydia	190	0.4%	213	0.5%	▲
	Gonorrhoea	10	0.0%	8	0.0%	—
	Genital herpes	20	0.0%	13	0.0%	—
	Genital warts	55	0.1%	38	0.1%	—
	Syphilis	0	0.0%	0	0.0%	—
	NSU (Males Only)	2	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 4 2007

<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. 5,971	192	53	36	225	1
	Rate ³	3.2%	0.9%	0.6%	3.8%	0.0%
Family Planning Clinics	No. 19,404	325	13	5	53	0
	Rate ³	1.7%	0.1%	0.0%	0.3%	0.0%
Student & Youth Health	No. 7,532	8	0	0	4	0
	Rate ³	0.1%	0.0%	0.0%	0.1%	0.0%
Subtotal North	32,907	525	66	41	282	1
Midland						
Sexual Health Clinics	No. 5,684	485	62	64	231	3
	Rate ³	8.5%	1.1%	1.1%	4.1%	0.1%
Family Planning Clinics	No. 6,106	137	9	1	17	0
	Rate ³	2.2%	0.1%	0.0%	0.3%	0.0%
Student & Youth Health	No. 8,418	22	0	1	4	0
	Rate ³	0.3%	0.0%	0.0%	0.0%	0.0%
Subtotal Midland	20,208	644	71	66	252	3
Central						
Sexual Health Clinics	No. 4,906	265	55	37	208	7
	Rate ³	5.4%	1.1%	0.8%	4.2%	0.1%
Family Planning Clinics	No. 9,009	171	7	9	35	0
	Rate ³	1.9%	0.1%	0.1%	0.4%	0.0%
Student & Youth Health	No. 12,338	109	7	6	14	0
	Rate ³	0.9%	0.1%	0.0%	0.1%	0.0%
Subtotal Central	26,253	545	69	52	257	7
South						
Sexual Health Clinics	No. 3,877	156	45	53	173	1
	Rate ³	4.0%	1.2%	1.4%	4.5%	0.0%
Family Planning Clinics	No. 11,876	166	14	5	49	0
	Rate ³	1.4%	0.1%	0.0%	0.4%	0.0%
Student & Youth Health	No. 15,839	74	1	6	16	0
	Rate ³	0.5%	0.0%	0.0%	0.1%	0.0%
Subtotal South	31,592	396	60	64	238	1
All regions						
Sexual Health Clinics	No. 20,438	1,098	215	190	837	12
	Rate.	5.4%	1.1%	0.9%	4.1%	0.1%
Family Planning Clinics	No. 46,395	799	43	20	154	0
	Rate.	1.7%	0.1%	0.0%	0.3%	0.0%
Student & Youth Health	No. 44,127	213	8	13	38	0
	Rate.	0.5%	0.0%	0.0%	0.1%	0.0%
Total	No. 110,960	2,110	266	223	1,029	12
	Rate.	1.9%	0.2%	0.2%	0.9%	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 4 2007

	Confirmed						Total ³
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	
Sexual Health Clinics	1072	97.6%	20	1.8%	6	0.5%	1098
Family Planning Clinics	791	98.9%	6	0.8%	3	0.4%	800
Student & Youth Health Clinics	211	99.1%	1	0.5%	1	0.5%	213
Total	2074	98.2%	27	1.3%	10	0.5%	2111

Table 1.3: Summary - Gonorrhoea Site of Infection

Quarter 4 2007

	Confirmed										Total ³
	Uncomplicated infection				PID / epididymitis	Extra-genital infection					
	Urogenital		Anorectal			Pharynx		Other site			
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹
Sexual Health Clinics	202	94.0%	3	1.4%	3	1.4%	6	2.8%	1	0.5%	215
Family Planning Clinics	40	93.0%	1	2.3%	1	2.3%	0	0.0%	1	2.3%	43
Student & Youth Health Clinics	8	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8
Total	250	94.0%	4	1.5%	4	1.5%	6	2.3%	2	0.8%	266

¹No. = no. of diagnoses by site²% = no. of diagnoses by site/total no. of diagnoses by clinic type, x100³Total = 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 4

Total Clinic Visits¹

			2006		2007	
2006	2007	Clinic	Total	Rate²	Total	Rate²
486	598	Whangarei	19	3.9%	36	6.0%
185	117	Dargaville	5	2.7%	7	6.0%
107	95	Kaikohe	6	5.6%	9	9.5%
6493	5161	Auckland	67	1.0%	140	2.7%
7271	5971	North	97	1.3%	192	3.2%
2018	1967	Hamilton	140	6.9%	148	7.5%
2008	1786	Tauranga	136	6.8%	125	7.0%
400	313	Rotorua	19	4.8%	15	4.8%
206	234	Whakatane	20	9.7%	25	10.7%
212	236	Taupo	20	9.4%	41	17.4%
397	572	New Plymouth	56	14.1%	81	14.2%
690	576	Gisborne	42	6.1%	50	8.7%
5931	5684	Midland	433	7.3%	485	8.5%
298	322	Napier	43	14.4%	44	13.7%
147	195	Hastings	17	11.6%	46	23.6%
264	265	Wanganui	16	6.1%	13	4.9%
903	860	Palmerston North/Levin/Dannevirke	78	8.6%	71	8.3%
2141	2413	Wellington	49	2.3%	67	2.8%
196	192	Lower Hutt	6	3.1%	3	1.6%
153	174	Porirua	10	6.5%	6	3.4%
393	485	Nelson	14	3.6%	15	3.1%
115	0	Wairau (Blenheim)	4	3.5%	0	0.0%
4610	4906	Central	237	5.1%	265	5.4%
97	118	Greymouth	5	5.2%	4	3.4%
74	100	Westport/Buller	3	4.1%	3	3.0%
2047	2147	Christchurch	82	4.0%	60	2.8%
24	24	Ashburton	2	8.3%	4	16.7%
197	172	Timaru	23	11.7%	17	9.9%
842	821	Dunedin	33	3.9%	19	2.3%
640	495	Invercargill/Gore/Wyndham	52	8.1%	49	9.9%
3921	3877	South	200	5.1%	156	4.0%
21733	20438	Total	967	4.4%	1098	5.4%

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

Quarter 4 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	65	104	37	21	11	7	14	0	260
		4.5	10.3	7.2	3.7	2.8	1.8	1.7	1.6	0.0	4.5
	Maori	0	46	39	22	20	1	2	0	0	130
		0.0	19.6	12.6	10.7	12.2	1.3	4.3	0.0	0.0	11.6
	Pacific Peoples	0	6	14	6	9	3	0	2	0	40
		0.0	17.1	17.1	9.7	12.3	6.7	0.0	5.0	-	11.2
	Other	0	4	10	10	6	3	0	0	0	33
		0.0	7.0	5.3	3.8	3.4	2.4	0.0	0.0	0.0	3.2
	Unknown	0	1	0	1	0	0	0	1	0	3
		0.0	8.3	0.0	6.3	0.0	0.0	0.0	4.2	0.0	2.5
Total		1	122	167	76	56	18	9	17	0	466
		2.7	12.6	8.2	4.9	4.7	2.1	1.5	1.5	0.0	5.6
Females	European/Pakeha	3	167	75	35	3	8	6	3	0	300
		3.7	6.9	3.7	3.6	0.5	1.6	1.9	0.7	0.0	4.1
	Maori	13	153	68	25	18	2	0	0	0	279
		17.1	13.6	9.6	6.4	7.6	1.4	0.0	0.0	0.0	9.8
	Pacific Peoples	0	12	11	5	2	0	0	0	0	30
		0.0	16.9	7.5	6.8	3.0	0.0	0.0	0.0	-	6.8
	Other	2	9	2	2	2	0	0	0	0	17
		33.3	7.7	1.0	0.7	1.0	0.0	0.0	0.0	-	1.6
	Unknown	0	2	2	1	1	0	0	0	0	6
		0.0	12.5	10.5	12.5	5.6	0.0	0.0	0.0	-	6.3
Total		18	343	158	68	26	10	6	3	0	632
		10.8	9.2	5.1	4.0	2.2	1.3	1.2	0.5	0.0	5.3

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 4

<u>Total Clinic Visits¹</u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
486	598	Whangarei	1	0.2%	3	0.5%
185	117	Dargaville	0	0.0%	0	0.0%
107	95	Kaikohe	1	0.9%	0	0.0%
6493	5161	Auckland	17	0.3%	50	1.0%
7271	5971	North	19	0.3%	53	0.9%
2018	1967	Hamilton	31	1.5%	26	1.3%
2008	1786	Tauranga	17	0.8%	16	0.9%
400	313	Rotorua	3	0.8%	4	1.3%
206	234	Whakatane	6	2.9%	3	1.3%
212	236	Taupo	1	0.5%	0	0.0%
397	572	New Plymouth	4	1.0%	6	1.0%
690	576	Gisborne	7	1.0%	7	1.2%
5931	5684	Midland	69	1.2%	62	1.1%
298	322	Napier	9	3.0%	10	3.1%
147	195	Hastings	4	2.7%	11	5.6%
264	265	Wanganui	6	2.3%	2	0.8%
903	860	Palmerston North/Levin/Dannevirke	16	1.8%	4	0.5%
2141	2413	Wellington	13	0.6%	21	0.9%
196	192	Lower Hutt	3	1.5%	1	0.5%
153	174	Porirua	3	2.0%	3	1.7%
393	485	Nelson	0	0.0%	3	0.6%
115	0	Wairau (Blenheim)	0	0.0%	0	0.0%
4610	4906	Central	54	1.2%	55	1.1%
97	118	Greymouth	1	1.0%	5	4.2%
74	100	Westport/Buller	0	0.0%	0	0.0%
2047	2147	Christchurch	16	0.8%	16	0.7%
24	24	Ashburton	0	0.0%	2	8.3%
197	172	Timaru	4	2.0%	5	2.9%
842	821	Dunedin	3	0.4%	0	0.0%
640	495	Invercargill/Gore/Wyndham	3	0.5%	17	3.4%
3921	3877	South	27	0.7%	45	1.2%
21733	20438	Total	169	0.8%	215	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 4 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	7	14	10	6	7	0	5	0	49
		0.0	1.1	1.0	1.0	0.8	1.2	0.0	0.6	0.0	0.9
	Maori	0	19	8	10	7	2	2	3	0	51
		0.0	8.1	2.6	4.9	4.3	2.7	4.3	4.2	0.0	4.6
	Pacific Peoples	0	2	8	3	2	0	0	0	0	15
		0.0	5.7	9.8	4.8	2.7	0.0	0.0	0.0	-	4.2
	Other	0	1	1	2	1	0	1	1	0	7
		0.0	1.8	0.5	0.8	0.6	0.0	1.3	0.7	0.0	0.7
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.8
Total		0	30	31	25	16	9	3	9	0	123
		0.0	3.1	1.5	1.6	1.3	1.1	0.5	0.8	0.0	1.5
Females	European/Pakeha	1	16	9	3	3	2	0	0	0	34
		1.2	0.7	0.4	0.3	0.5	0.4	0.0	0.0	0.0	0.5
	Maori	0	19	18	4	2	1	1	0	0	45
		0.0	1.7	2.5	1.0	0.8	0.7	1.4	0.0	0.0	1.6
	Pacific Peoples	0	2	4	2	0	0	1	0	0	9
		0.0	2.8	2.7	2.7	0.0	0.0	6.3	0.0	-	2.0
	Other	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	-	0.4
	Unknown	0	1	0	0	0	0	0	0	0	1
		0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	-	2.1
Total		1	38	34	9	5	3	2	0	0	92
		0.6	1.0	1.1	0.6	0.5	0.4	0.4	0.0	0.0	0.8

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 4

<u>Total Clinic Visits¹</u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate²</u>	<u>Total</u>
						<u>No.</u>
486	598	Whangarei	4	0.8%		2
185	117	Dargaville	0	0.0%		0
107	95	Kaikohe	0	0.0%		0
6493	5161	Auckland	22	0.3%		34
7271	5971	North	26	0.4%		36
2018	1967	Hamilton	21	1.0%		26
2008	1786	Tauranga	19	0.9%		24
400	313	Rotorua	2	0.5%		1
206	234	Whakatane	1	0.5%		3
212	236	Taupo	0	0.0%		5
397	572	New Plymouth	9	2.3%		4
690	576	Gisborne	0	0.0%		1
5931	5684	Midland	52	0.9%		64
298	322	Napier	4	1.3%		8
147	195	Hastings	0	0.0%		6
264	265	Wanganui	1	0.4%		4
903	860	Palmerston North/Levin/Dannevirke	8	0.9%		9
2141	2413	Wellington	13	0.6%		4
196	192	Lower Hutt	2	1.0%		1
153	174	Porirua	0	0.0%		0
393	485	Nelson	6	1.5%		5
115	0	Wairau (Blenheim)	0	0.0%		0
4610	4906	Central	34	0.7%		37
97	118	Greymouth	0	0.0%		3
74	100	Westport/Buller	1	1.4%		0
2047	2147	Christchurch	20	1.0%		39
24	24	Ashburton	2	8.3%		0
197	172	Timaru	0	0.0%		1
842	821	Dunedin	6	0.7%		6
640	495	Invercargill/Gore/Wyndham	12	1.9%		4
3921	3877	South	41	1.0%		53
21733	20438	Total	153	0.7%		190

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 4 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	5	14	9	7	10	6	6	0	57
		0.0	0.8	1.0	0.9	0.9	1.7	1.4	0.7	0.0	1.0
	Maori	0	1	6	0	1	1	0	3	0	12
		0.0	0.4	1.9	0.0	0.6	1.3	0.0	4.2	0.0	1.1
	Pacific Peoples	0	0	0	1	1	0	1	0	0	3
		0.0	0.0	0.0	2.4	1.6	0.0	6.3	0.0	-	1.1
	Other	0	0	2	5	0	2	1	2	0	12
		0.0	0.0	1.1	1.9	0.0	1.6	1.3	1.5	0.0	1.2
	Unknown	0	0	1	0	0	0	2	0	0	3
		0.0	0.0	3.6	0.0	0.0	0.0	4.1	0.0	0.0	1.3
	Total	0	6	23	15	9	13	10	11	0	87
		0.0	0.6	1.1	1.0	0.8	1.5	1.7	0.9	0.0	1.0
Females	European/Pakeha	0	20	30	7	9	7	4	4	0	81
		0.0	0.8	1.5	0.7	1.4	1.4	1.3	0.9	0.0	1.1
	Maori	0	3	3	3	0	2	0	1	0	12
		0.0	0.3	0.4	0.8	0.0	1.4	0.0	1.5	0.0	0.4
	Pacific Peoples	0	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	-	0.5
	Other	0	0	2	2	1	1	0	1	0	7
		0.0	0.0	1.0	0.7	0.5	1.0	0.0	1.1	-	0.7
	Unknown	0	0	1	0	0	0	0	1	0	2
		0.0	0.0	11.1	0.0	0.0	0.0	0.0	14.3	-	4.3
	Total	0	23	36	12	11	10	4	7	0	103
		0.0	0.6	1.2	0.7	1.0	1.3	0.8	1.1	0.0	0.9

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 4

<u>Total Clinic Visits¹</u>			<u>2006</u>		<u>2007</u>			
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate²</u>	<u>Total</u>	<u>No.</u>	<u>Rate²</u>
486	598	Whangarei	20	4.1%		18	3.0%	
185	117	Dargaville	1	0.5%		1	0.9%	
107	95	Kaikohe	1	0.9%		0	0.0%	
6493	5161	Auckland	0	0.0%		206	4.0%	
7271	5971	North	22	0.3%		225	3.8%	
2018	1967	Hamilton	106	5.3%		100	5.1%	
2008	1786	Tauranga	65	3.2%		68	3.8%	
400	313	Rotorua	29	7.3%		14	4.5%	
206	234	Whakatane	9	4.4%		14	6.0%	
212	236	Taupo	0	0.0%		8	3.4%	
397	572	New Plymouth	22	5.5%		27	4.7%	
690	576	Gisborne	0	0.0%		0	0.0%	
5931	5684	Midland	231	3.9%		231	4.1%	
298	322	Napier	21	7.0%		23	7.1%	
147	195	Hastings	10	6.8%		19	9.7%	
264	265	Wanganui	19	7.2%		7	2.6%	
903	860	Palmerston North/Levin/Dannevirke	28	3.1%		31	3.6%	
2141	2413	Wellington	81	3.8%		81	3.4%	
196	192	Lower Hutt	5	2.6%		7	3.6%	
153	174	Porirua	8	5.2%		9	5.2%	
393	485	Nelson	22	5.6%		31	6.4%	
115	0	Wairau (Blenheim)	20	17.4%		0	0.0%	
4610	4906	Central	214	4.6%		208	4.2%	
97	118	Greymouth	8	8.2%		2	1.7%	
74	100	Westport/Buller	2	2.7%		4	4.0%	
2047	2147	Christchurch	100	4.9%		75	3.5%	
24	24	Ashburton	5	20.8%		1	4.2%	
197	172	Timaru	12	6.1%		17	9.9%	
842	821	Dunedin	40	4.8%		35	4.3%	
640	495	Invercargill/Gore/Wyndham	45	7.0%		39	7.9%	
3921	3877	South	212	5.4%		173	4.5%	
21733	20438	Total	679	3.1%		837	4.1%	

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 2.8: Genital Warts - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 4 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	44	105	45	34	19	15	12	0	274
		0.0	7.0	7.2	4.5	4.5	3.2	3.6	1.4	0.0	4.8
	Maori	0	20	27	9	2	4	1	3	0	66
		0.0	8.5	8.7	4.4	1.2	5.3	2.2	4.2	0.0	5.9
	Pacific Peoples	0	1	4	1	6	0	0	1	0	13
		0.0	2.9	4.9	1.6	8.2	0.0	0.0	2.5	-	3.7
	Other	0	0	11	9	7	2	1	0	0	30
		0.0	0.0	5.8	3.4	4.0	1.6	1.3	0.0	0.0	2.9
	Unknown	0	1	3	2	1	0	2	0	0	9
		0.0	6.7	10.7	6.9	3.1	0.0	4.1	0.0	0.0	3.8
Total		0	66	150	66	50	25	19	16	0	392
		0.0	6.8	7.3	4.2	4.2	2.9	3.1	1.4	0.0	4.6
Females	European/Pakeha	4	141	97	29	23	7	5	15	0	321
		4.9	5.8	4.8	3.0	3.5	1.4	1.6	3.3	0.0	4.3
	Maori	3	52	14	11	1	1	3	1	0	86
		3.9	4.6	2.0	2.8	0.4	0.7	4.1	1.5	0.0	3.0
	Pacific Peoples	0	2	3	2	2	1	2	0	0	12
		0.0	2.8	2.1	2.7	3.0	2.6	12.5	0.0	-	2.7
	Other	0	2	6	12	2	0	0	0	0	22
		0.0	1.7	3.0	4.5	1.0	0.0	0.0	0.0	-	2.1
	Unknown	0	1	0	3	0	0	0	0	0	4
		0.0	4.2	0.0	14.3	0.0	0.0	0.0	0.0	-	1.9
Total		7	198	120	57	28	9	10	16	0	445
		4.2	5.3	3.9	3.3	2.3	1.1	2.0	2.3	0.0	3.7

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 4

<u>Total Clinic Visits¹</u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>		<u>Total</u>	
			<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
486	598	Whangarei	0	0.0%	0	0.0%
185	117	Dargaville	0	0.0%	0	0.0%
107	95	Kaikohe	0	0.0%	0	0.0%
6493	5161	Auckland	14	0.2%	1	0.0%
7271	5971	North	14	0.2%	1	0.0%
2018	1967	Hamilton	1	0.0%	1	0.1%
2008	1786	Tauranga	4	0.2%	2	0.1%
400	313	Rotorua	0	0.0%	0	0.0%
206	234	Whakatane	0	0.0%	0	0.0%
212	236	Taupo	0	0.0%	0	0.0%
397	572	New Plymouth	0	0.0%	0	0.0%
690	576	Gisborne	0	0.0%	0	0.0%
5931	5684	Midland	5	0.1%	3	0.1%
298	322	Napier	0	0.0%	0	0.0%
147	195	Hastings	0	0.0%	0	0.0%
264	265	Wanganui	1	0.4%	0	0.0%
903	860	Palmerston North/Levin/Dannevirke	0	0.0%	0	0.0%
2141	2413	Wellington	1	0.0%	6	0.2%
196	192	Lower Hutt	0	0.0%	0	0.0%
153	174	Porirua	0	0.0%	0	0.0%
393	485	Nelson	0	0.0%	1	0.2%
115	0	Wairau (Blenheim)	0	0.0%	0	0.0%
4610	4906	Central	2	0.0%	7	0.1%
97	118	Greymouth	0	0.0%	0	0.0%
74	100	Westport/Buller	0	0.0%	0	0.0%
2047	2147	Christchurch	1	0.0%	0	0.0%
24	24	Ashburton	0	0.0%	0	0.0%
197	172	Timaru	0	0.0%	0	0.0%
842	821	Dunedin	0	0.0%	1	0.1%
640	495	Invercargill/Gore/Wyndham	0	0.0%	0	0.0%
3921	3877	South	1	0.0%	1	0.0%
21733	20438	Total	22	0.1%	12	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 4 2007

		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	0	2	3	0	6
		0.0	0.0	0.0	0.1	0.0	0.0	0.5	0.4	0.0	0.1
	Other	0	1	1	0	1	0	1	1	0	5
		0.0	1.8	0.5	0.0	0.6	0.0	1.3	0.7	0.0	0.5
	Total	0	1	1	1	1	0	3	4	0	11
		0.0	0.1	0.1	0.1	0.1	0.0	0.6	0.4	0.0	0.2
Females	Other	0	0	0	0	0	0	0	1	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	-	0.2
	Total	0	0	0	0	0	0	0	1	0	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	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 4

<u>Total Clinic Visits for males¹</u>			<u>2006</u>		<u>2007</u>	
<u>2006</u>	<u>2007</u>	<u>Clinic</u>	<u>Total</u>		<u>Total</u>	
			<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
115	161	Whangarei	0	0.0%	0	0.0%
7	2	Dargaville	0	0.0%	0	0.0%
4	13	Kaikohe	0	0.0%	0	0.0%
3206	2459	Auckland	51	1.6%	70	2.8%
3332	2635	North	51	1.5%	70	2.7%
802	718	Hamilton	9	1.1%	0	0.0%
466	386	Tauranga	18	3.9%	10	2.6%
133	132	Rotorua	1	0.8%	0	0.0%
47	61	Whakatane	2	4.3%	1	1.6%
55	63	Taupo	0	0.0%	0	0.0%
179	245	New Plymouth	11	6.1%	8	3.3%
69	105	Gisborne	0	0.0%	0	0.0%
1751	1710	Midland	41	2.3%	19	1.1%
72	74	Napier	0	0.0%	0	0.0%
27	40	Hastings	0	0.0%	0	0.0%
91	82	Wanganui	0	0.0%	0	0.0%
396	407	Palmerston North/Levin/Dannevirke	15	3.8%	9	2.2%
1100	1339	Wellington	2	0.2%	7	0.5%
102	93	Lower Hutt	0	0.0%	1	1.1%
77	99	Porirua	0	0.0%	1	1.0%
235	228	Nelson	4	1.7%	10	4.4%
60	0	Wairau (Blenheim)	0	0.0%	0	0.0%
2160	2362	Central	21	1.0%	28	1.2%
25	45	Greymouth	0	0.0%	0	0.0%
19	19	Westport/Buller	0	0.0%	2	10.5%
1035	1148	Christchurch	10	1.0%	19	1.7%
7	9	Ashburton	0	0.0%	0	0.0%
94	71	Timaru	0	0.0%	0	0.0%
301	276	Dunedin	0	0.0%	0	0.0%
299	230	Invercargill/Gore/Wyndham	5	1.7%	1	0.4%
1780	1798	South	15	0.8%	22	1.2%
9023	8505	Total	128	1.4%	139	1.6%

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 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 4 2007

		Age group (years)								Total
		<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>	
Males	European/Pakeha	0	7	23	20	18	15	7	9	99
		0.0	1.1	1.6	2.0	2.4	2.5	1.7	1.1	1.7
	Maori	0	3	6	1	0	2	1	0	13
		0.0	1.3	1.9	0.5	0.0	2.7	2.2	0.0	1.2
	Pacific Peoples	0	1	3	2	1	1	0	0	8
		0.0	4.3	5.1	4.2	1.6	2.9	0.0	0.0	3.0
	Other	0	0	0	4	0	5	0	3	12
		0.0	0.0	0.0	1.5	0.0	4.0	0.0	2.2	1.2
	Unknown	0	0	0	3	0	0	2	2	7
		0.0	0.0	0.0	10.3	0.0	0.0	4.1	3.1	2.9
Total		0	11	32	30	19	23	10	14	139
		0.0	1.1	1.6	1.9	1.6	2.7	1.7	1.2	1.7

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 4 2007

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	0	23	30	7	3	0	0	1	0	64
		0.0	4.7	7.0	3.8	2.8	0.0	0.0	1.6	-	4.3
	Maori	0	9	8	2	1	0	0	0	0	20
		0.0	12.7	15.4	12.5	5.9	0.0	0.0	0.0	-	11.2
	Pacific Peoples	0	4	4	1	0	1	0	0	0	10
		0.0	8.9	13.8	6.3	0.0	12.5	0.0	0.0	-	9.3
	Other	0	9	6	4	0	1	0	0	0	20
		0.0	8.4	8.6	13.3	0.0	6.7	0.0	0.0	-	7.0
	Unknown	0	2	2	1	1	0	0	0	0	6
		0.0	13.3	9.5	10.0	20.0	0.0	0.0	0.0	0.0	10.0
Total		0	47	50	15	5	2	0	1	0	120
		0.0	6.5	8.3	5.8	3.2	1.4	0.0	1.1	0.0	5.6
Females	European/Pakeha	9	222	99	34	5	6	1	2	0	378
		1.6	2.0	1.1	0.9	0.2	0.4	0.1	0.1	0.0	1.3
	Maori	6	68	33	9	2	2	0	0	0	120
		3.3	4.0	3.5	2.3	0.8	0.8	0.0	0.0	0.0	3.1
	Pacific Peoples	0	27	23	10	4	0	0	0	0	64
		0.0	3.7	4.0	4.5	2.4	0.0	0.0	0.0	-	3.4
	Other	2	56	28	8	5	2	0	0	0	101
		1.2	2.6	1.6	0.8	0.8	0.4	0.0	0.0	-	1.5
	Unknown	0	5	5	5	0	1	0	0	0	16
		0.0	1.1	1.8	2.6	0.0	1.0	0.0	0.0	0.0	1.1
Total		17	378	188	66	16	11	1	2	0	679
		1.7	2.4	1.5	1.2	0.5	0.4	0.1	0.1	0.0	1.5

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 4 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	1	3	1	0	0	0	0	5
		0.0	0.3	1.1	0.9	0.0	0.0	0.0	-	0.5
	Maori	0	1	2	0	0	0	0	0	3
		0.0	3.4	20.0	0.0	0.0	0.0	0.0	-	4.9
	Other	0	0	1	0	0	0	0	0	1
		0.0	0.0	3.6	0.0	0.0	0.0	0.0	-	0.9
Total		0	2	6	1	0	0	0	0	9
		0.0	0.5	1.9	0.8	0.0	0.0	0.0	0.0	0.8
Females	European/Pakeha	0	8	5	1	0	0	0	0	14
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	0	6	2	0	1	0	0	0	9
		0.0	0.4	0.2	0.0	0.4	0.0	0.0	0.0	0.2
	Pacific Peoples	0	1	1	0	0	0	0	0	2
		0.0	0.2	0.2	0.0	0.0	0.0	0.0	-	0.1
	Other	0	4	3	0	0	0	0	0	7
		0.0	0.3	0.3	0.0	0.0	0.0	0.0	-	0.2
Total	Unknown	0	0	2	0	0	0	0	0	2
		0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.4
		0	19	13	1	1	0	0	0	34
		0.0	0.1	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 3.3: Genital Herpes - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at FPCs

Quarter 4 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	0	2	0	0	0	0	0	2
		0.0	0.0	0.7	0.0	0.0	0.0	0.0	-	0.2
	Maori	0	0	1	0	0	0	0	0	1
		0.0	0.0	4.5	0.0	0.0	0.0	0.0	-	1.6
	Total	0	0	3	0	0	0	0	0	3
		0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.3
Females	European/Pakeha	1	3	1	1	1	1	1	0	10
		0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0
	Maori	0	2	0	1	0	0	0	0	3
		0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.1
	Other	0	3	0	0	0	0	0	0	3
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.2
	Total	1	8	1	2	2	1	1	0	17
		0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.0

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 4 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	11	13	2	1	1	0	0	28
		0.0	2.3	3.0	1.1	0.9	1.0	0.0	0.0	1.9
	Maori	0	1	1	0	0	0	0	0	2
		0.0	2.0	3.1	0.0	0.0	0.0	0.0	0.0	1.6
	Pacific Peoples	0	1	0	0	0	0	0	0	1
		0.0	4.0	0.0	0.0	0.0	0.0	0.0	-	2.0
	Other	0	0	1	1	1	0	0	0	3
		0.0	0.0	1.4	3.3	5.0	0.0	0.0	0.0	1.1
Total		0	13	15	3	2	1	0	0	34
		0.0	1.9	2.8	1.3	1.4	0.8	0.0	0.0	1.7
Females	European/Pakeha	0	47	23	9	5	0	0	0	84
		0.0	0.4	0.3	0.2	0.2	0.0	0.0	0.0	0.3
	Maori	0	10	2	2	0	0	0	0	14
		0.0	0.6	0.2	0.5	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	5	0	0	0	0	0	0	5
		0.0	0.7	0.0	0.0	0.0	0.0	0.0	-	0.3
	Other	0	6	5	1	1	0	0	0	13
		0.0	0.3	0.3	0.1	0.2	0.0	0.0	0.0	0.2
	Unknown	0	2	0	1	1	0	0	0	4
		0.0	0.6	0.0	0.7	1.0	0.0	0.0	0.0	0.4
Total		0	70	30	13	7	0	0	0	120
		0.0	0.4	0.2	0.2	0.2	0.0	0.0	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 4 2007

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	8	18	3	1	0	0	0	0	30
		0.0	0.9	0.7	0.5	0.4	0.0	0.0	0.0	0.0	0.6
	Maori	1	8	2	1	0	0	0	0	0	12
		2.6	6.3	0.9	1.2	0.0	0.0	0.0	0.0	-	1.9
	Pacific Peoples	0	1	4	1	0	0	0	0	0	6
		0.0	9.1	5.1	4.8	0.0	0.0	0.0	0.0	-	3.3
	Other	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	1	3	0	0	0	0	0	0	4
		0.0	7.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Total		1	18	28	6	1	0	0	0	0	54
		0.9	1.5	0.7	0.5	0.2	0.0	0.0	0.0	0.0	0.4
Females	European/Pakeha	0	37	51	3	0	1	0	0	0	92
		0.0	1.3	0.7	0.2	0.0	0.4	0.0	0.0	0.0	0.7
	Maori	3	26	14	2	1	0	0	0	0	46
		8.8	5.4	1.7	0.8	0.9	0.0	0.0	0.0	-	2.3
	Pacific Peoples	0	2	6	0	0	0	0	0	0	8
		0.0	2.5	3.0	0.0	0.0	0.0	0.0	0.0	-	2.2
	Other	1	1	5	0	0	0	0	0	0	7
		4.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Unknown	0	2	3	1	0	0	0	0	0	6
		0.0	7.4	2.0	1.6	0.0	0.0	0.0	0.0	0.0	0.1
Total		4	68	79	6	1	1	0	0	0	159
		2.4	1.8	0.8	0.3	0.1	0.2	0.0	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 4 2007

		Age group (years)								Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	≥44	
Males	European/Pakeha	0	2	1	0	0	0	0	0	3
		0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	1	1	0	0	0	0	0	2
		0.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.6
	Unknown	0	1	0	0	0	0	0	0	1
Females		0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	4	2	0	0	0	0	0	6
		0.0	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	1	0	0	0	0	0	0	1
		0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Females	Unknown	0	1	0	0	0	0	0	0	1
		0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	2	0	0	0	0	0	0	2
		0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 4 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	0	0	1	0	0	0	0	1
		0.0	0.0	0.0	4.5	0.0	0.0	0.0	-	0.8
	Other	0	0	1	0	0	0	0	0	1
Females		0.0	0.0	0.2	0.0	0.0	0.0	0.0	-	0.1
	Total	0	0	2	1	0	0	0	0	3
		0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.2
	European/Pakeha	0	2	1	1	0	0	0	0	4
		0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Females	Maori	0	4	1	0	0	0	0	0	5
		0.0	0.8	0.1	0.0	0.0	0.0	0.0	-	0.2
	Unknown	0	1	0	0	0	0	0	0	1
		0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	7	2	1	0	0	0	0	10
		0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0

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 4 2007

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	1	6	3	0	0	0	0	10
		0.0	0.1	0.2	0.5	0.0	0.0	0.0	0.0	0.2
	Maori	0	0	1	0	0	0	0	0	1
		0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.8
	Unknown	0	1	0	0	0	0	0	0	1
Females		0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	2	7	3	0	0	0	0	12
		0.0	0.2	0.3	0.4	0.0	0.0	0.0	0.0	0.2
	European/Pakeha	0	8	9	0	0	0	0	0	17
		0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Females	Maori	0	1	3	0	0	0	0	0	4
		0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.2
	Other	0	0	2	1	0	0	0	0	3
		0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.2
	Unknown	0	0	2	0	0	0	0	0	2
Females		0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	9	16	1	0	0	0	0	26
		0.0	0.3	0.2	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

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	First diagnosis for the person at your clinic, with either <ol style="list-style-type: none"> 1. laboratory detection of herpes simplex virus (HSV) from a clinical specimen, or 2. a clinically compatible illness in the lower anogenital and buttock area (syphilis should be considered as a cause of genital ulceration)
Anogenital Warts	First diagnosis for the person at your clinic, with <u>visible</u> * typical lesion(s) on internal or external genitalia, perineum, or perianal region. * Do not include persons for whom there is <u>only</u> demonstration of human papillomavirus (HPV) on cervical cytology or other laboratory method.
Syphilis	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.
Non-Specific Urethritis (NSU) (males only)	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.
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, or 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, or A clinically compatible illness in a person who is a contact of a confirmed case.</p>