

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

October to December 2008

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by

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

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**This report is also available at www.surv.esr.cri.nz
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Introduction

In New Zealand, sexually transmitted infections (STIs) are not notifiable and so surveillance efforts are based predominantly on voluntary data from specialist sexual health clinics (SHCs). Since 1998, STI surveillance has been expanded to include data from family planning clinics (FPCs) and student and youth health clinics (SYHCs). At present 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 13th March 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, 26 clinics provided STI data by the date required for all three months in the fourth quarter (October to December) 2008.

FPCs

Thirty-seven FPCs participate in STI surveillance. Of these, all 37 clinics provided STI data by the date required for all three months in the fourth quarter (October to December) 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, all 17 clinics provided STI data by the date required for all three months in the fourth quarter (October to December) 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 21 576 visits. A total of 1 109 cases of chlamydia, 197 cases of gonorrhoea, 215 cases of genital herpes, 865 cases of genital warts, 27 cases of syphilis and 155 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 46 341 visits. A total of 898 cases of chlamydia, 39 cases of gonorrhoea, 48 cases of genital herpes, 140 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 2007 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 51 869 visits. A total of 242 cases of chlamydia, 22 cases of gonorrhoea, 26 cases of genital herpes, 44 cases of genital warts and three 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 October to December 2008, compared to the equivalent quarter of 2007.

Clinical setting	STI	October to December 2007		October to December 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	1 102	5.4	1 109	5.1	▼
	Gonorrhoea	215	1.1	197	0.9	▼
	Genital herpes	190	0.9	215	1.0	▲
	Genital warts	837	4.1	865	4.0	▼
	Syphilis	12	0.1	27	0.1	—
	NSU (Males Only)	139	1.6	155	1.7	▲
FPCs	Chlamydia	799	1.7	898	1.9	▲
	Gonorrhoea	43	0.1	39	0.1	—
	Genital herpes	20	0.1	48	0.1	—
	Genital warts	154	0.3	140	0.3	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	3	0.1	1	0.0	▼
SYHCs	Chlamydia	226	0.5	242	0.5	—
	Gonorrhoea	12	0.0	22	0.0	—
	Genital herpes	14	0.0	26	0.1	▲
	Genital warts	44	0.1	44	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	1	0.0	3	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 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>Syphilis³</u>
North						
Sexual Health Clinics	No. 6,154	278	53	53	232	2
	Rate ³	4.5%	0.9%	0.9%	3.8%	0.0%
Family Planning Clinics	No. 18,501	380	10	4	42	0
	Rate ³	2.1%	0.1%	0.0%	0.2%	0.0%
Student & Youth Health	No. 7,502	26	1	1	8	0
	Rate ³	0.3%	0.0%	0.0%	0.1%	0.0%
Subtotal North	32,157	684	64	58	282	2
Midland						
Sexual Health Clinics	No. 6,192	432	51	53	267	5
	Rate ³	7.0%	0.8%	0.9%	4.3%	0.1%
Family Planning Clinics	No. 7,181	183	11	4	26	0
	Rate ³	2.5%	0.2%	0.1%	0.4%	0.0%
Student & Youth Health	No. 9,133	11	2	0	1	0
	Rate ³	0.1%	0.0%	0.0%	0.0%	0.0%
Subtotal Midland	22,506	626	64	57	294	5
Central						
Sexual Health Clinics	No. 4,269	245	64	65	202	12
	Rate ³	5.7%	1.5%	1.5%	4.7%	0.3%
Family Planning Clinics	No. 9,401	198	11	24	25	0
	Rate ³	2.1%	0.1%	0.3%	0.3%	0.0%
Student & Youth Health	No. 17,246	140	10	13	18	0
	Rate ³	0.8%	0.1%	0.1%	0.1%	0.0%
Subtotal Central	30,916	583	85	102	245	12
South						
Sexual Health Clinics	No. 4,961	154	29	44	164	8
	Rate ³	3.1%	0.6%	0.9%	3.3%	0.2%
Family Planning Clinics	No. 11,258	137	7	16	47	0
	Rate ³	1.2%	0.1%	0.1%	0.4%	0.0%
Student & Youth Health	No. 17,988	65	9	12	17	0
	Rate ³	0.4%	0.1%	0.1%	0.1%	0.0%
Subtotal South	34,207	356	45	72	228	8
All						
Sexual Health Clinics	No. 21,576	1,109	197	215	865	27
	Rate.	5.1%	0.9%	1.0%	4.0%	0.1%
Family Planning Clinics	No. 46,341	898	39	48	140	0
	Rate.	1.9%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 51,869	242	22	26	44	0
	Rate.	0.5%	0.0%	0.1%	0.1%	0.0%
Total	No. 119,786	2,249	258	289	1,049	27
	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 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 4 2008

	Confirmed						Total ¹
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. ²	% ³	No. ²	% ³	No. ²	% ³	No. ¹
Sexual Health Clinics	1087	98.0%	19	1.7%	3	0.3%	1109
Family Planning Clinics	882	97.9%	16	1.8%	3	0.3%	901
Student & Youth Health Clinics	241	99.6%	1	0.4%	0	0.0%	242
Total	2210	98.1%	36	1.6%	6	0.3%	2252

Table 1.3: Summary - Gonorrhoea Site of Infection

Quarter 4 2008

	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	No. ²	% ³	No. ²
Sexual Health Clinics	183	93.8%	4	2.1%	3	1.5%	3	1.5%	2	1.0%	195
Family Planning Clinics	38	97.4%	0	0.0%	0	0.0%	0	0.0%	1	2.6%	39
Student & Youth Health Clinic	22	100%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	22
Total	243	94.9%	4	1.6%	3	1.2%	3	1.2%	3	1.2%	256

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 4

<u>Total Clinic Visits¹</u>			<u>2007 Total</u>		<u>2008 Total</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
598	574	Whangarei	36	6.0%	35	6.1%
117	133	Dargaville	7	6.0%	6	4.5%
95	75	Kaikohe	13	13.7%	9	12.0%
5161	5372	Auckland	140	2.7%	228	4.2%
5971	6154	North	196	3.3%	278	4.5%
1967	2361	Hamilton	148	7.5%	149	6.3%
1786	2222	Tauranga	125	7.0%	141	6.3%
313	273	Rotorua	15	4.8%	14	5.1%
234	500	Whakatane	25	10.7%	34	6.8%
236	249	Taupo	41	17.4%	23	9.2%
572	587	New Plymouth	81	14.2%	71	12.1%
576	0	Gisborne	50	8.7%	0	0.0%
5684	6192	Midland	485	8.5%	432	7.0%
322	275	Napier	44	13.7%	37	13.5%
195	146	Hastings	46	23.6%	39	26.7%
265	218	Wanganui	13	4.9%	4	1.8%
860	1016	Palmerston North/Levin/Dannevirke	71	8.3%	75	7.4%
2413	1580	Wellington	67	2.8%	46	2.9%
192	203	Lower Hutt	3	1.6%	9	4.4%
174	80	Porirua	6	3.4%	8	10.0%
485	537	Nelson	15	3.1%	21	3.9%
0	214	Wairau (Blenheim)	0	0.0%	6	2.8%
4906	4269	Central	265	5.4%	245	5.7%
118	77	Greymouth	4	3.4%	1	1.3%
100	120	Westport/Buller	3	3.0%	12	10.0%
2147	3292	Christchurch	60	2.8%	64	1.9%
24	15	Ashburton	4	16.7%	1	6.7%
172	149	Timaru	17	9.9%	11	7.4%
821	674	Dunedin	19	2.3%	33	4.9%
495	634	Invercargill/Gore/Wyndham	49	9.9%	32	5.0%
3877	4961	South	156	4.0%	154	3.1%
20438	21576	Total	1102	5.4%	1109	5.1%

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

Quarter 4 2008

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	0	57	109	61	30	16	10	18	0	301
		0.0	9.3	7.3	5.5	4.0	2.5	2.1	1.8	0.0	5.0
	Maori	1	40	39	28	14	3	2	4	0	131
		8.3	16.7	10.6	14.4	10.1	3.3	2.8	4.8	0.0	10.9
	Pacific Peoples	1	11	20	9	5	1	2	1	0	50
		50.0	20.4	18.9	11.1	10.0	2.9	9.5	3.6	-	13.3
	Other	0	1	8	6	5	1	0	0	0	21
		0.0	2.6	3.9	2.5	3.0	0.7	0.0	0.0	0.0	2.0
Unknown	0	0	4	2	1	0	0	0	0	7	
	0.0	0.0	6.3	3.5	3.1	0.0	0.0	0.0	-	2.1	
Total		2	109	180	106	55	21	14	23	0	510
		5.9	11.2	8.1	6.3	4.8	2.2	2.0	1.8	0.0	5.7
Females	European/Pakeha	7	130	67	26	9	4	5	3	0	251
		6.3	5.0	3.3	2.4	1.3	0.8	1.4	0.6	0.0	3.2
	Maori	10	140	92	19	6	2	2	0	0	271
		9.2	13.5	12.5	5.9	2.7	1.4	2.9	0.0	0.0	10.0
	Pacific Peoples	0	13	21	4	2	1	2	0	0	43
		0.0	10.8	10.6	4.4	3.6	4.2	7.1	0.0	-	7.9
	Other	1	7	8	3	0	2	0	0	0	21
		25.0	4.7	3.6	1.1	0.0	2.6	0.0	0.0	0.0	1.9
Unknown	0	5	3	2	1	1	0	0	0	12	
	0.0	6.7	2.8	4.1	3.4	4.5	0.0	0.0	0.0	3.5	
Total		18	295	191	54	18	10	9	3	0	598
		7.9	7.4	5.8	3.0	1.6	1.3	1.6	0.4	0.0	4.8

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 4

<u>Total Clinic Visits¹</u>			<u>2007 Total</u>		<u>2008 Total</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
598	574	Whangarei	3	0.5%	3	0.5%
117	133	Dargaville	0	0.0%	0	0.0%
95	75	Kaikohe	0	0.0%	0	0.0%
5161	5372	Auckland	50	1.0%	50	0.9%
5971	6154	North	53	0.9%	53	0.9%
1967	2361	Hamilton	26	1.3%	17	0.7%
1786	2222	Tauranga	16	0.9%	9	0.4%
313	273	Rotorua	4	1.3%	2	0.7%
234	500	Whakatane	3	1.3%	6	1.2%
236	249	Taupo	0	0.0%	0	0.0%
572	587	New Plymouth	6	1.0%	17	2.9%
576	0	Gisborne	7	1.2%	0	0.0%
5684	6192	Midland	62	1.1%	51	0.8%
322	275	Napier	10	3.1%	11	4.0%
195	146	Hastings	11	5.6%	13	8.9%
265	218	Wanganui	2	0.8%	0	0.0%
860	1016	Palmerston North/Levin/Dannevirke	4	0.5%	6	0.6%
2413	1580	Wellington	21	0.9%	22	1.4%
192	203	Lower Hutt	1	0.5%	5	2.5%
174	80	Porirua	3	1.7%	3	3.8%
485	537	Nelson	3	0.6%	3	0.6%
0	214	Wairau (Blenheim)	0	0.0%	1	0.5%
4906	4269	Central	55	1.1%	64	1.5%
118	77	Greymouth	5	4.2%	0	0.0%
100	120	Westport/Buller	0	0.0%	0	0.0%
2147	3292	Christchurch	16	0.7%	16	0.5%
24	15	Ashburton	2	8.3%	2	13.3%
172	149	Timaru	5	2.9%	1	0.7%
821	674	Dunedin	0	0.0%	2	0.3%
495	634	Invercargill/Gore/Wyndham	17	3.4%	8	1.3%
3877	4961	South	45	1.2%	29	0.6%
20438	21576	Total	215	1.1%	197	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 2.4: Gonorrhoea - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 4 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	7	18	9	8	4	0	2	0	48
		0.0	1.1	1.2	0.8	1.1	0.6	0.0	0.2	0.0	0.8
	Maori	0	12	14	6	3	4	0	3	0	42
		0.0	5.0	3.8	3.1	2.2	4.3	0.0	3.6	0.0	3.5
	Pacific Peoples	0	2	7	1	2	2	0	0	0	14
		0.0	3.7	6.6	1.2	4.0	5.7	0.0	0.0	-	3.7
	Other	0	1	2	2	1	1	1	0	0	8
	0.0	2.6	1.0	0.8	0.6	0.7	1.0	0.0	0.0	0.8	
Unknown	0	0	1	1	2	0	1	1	0	6	
	0.0	0.0	1.6	1.8	6.3	0.0	2.7	1.5	-	1.8	
Total		0	22	42	19	16	11	2	6	0	118
		0.0	2.3	1.9	1.1	1.4	1.2	0.3	0.5	0.0	1.3
Females	European/Pakeha	0	15	4	3	2	1	1	3	0	29
		0.0	0.6	0.2	0.3	0.3	0.2	0.3	0.6	0.0	0.4
	Maori	3	12	12	2	1	0	1	0	0	31
		2.8	1.2	1.6	0.6	0.5	0.0	1.5	0.0	0.0	1.1
	Pacific Peoples	0	3	11	0	0	0	0	0	0	14
		0.0	2.5	5.6	0.0	0.0	0.0	0.0	0.0	-	2.6
	Other	0	1	1	0	2	0	0	0	0	4
	0.0	1.2	0.6	0.0	2.0	0.0	0.0	0.0	0.0	0.5	
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	-	0.8	
Total		3	31	28	5	6	1	2	3	0	79
		1.3	0.8	0.9	0.3	0.5	0.1	0.4	0.4	0.0	0.7

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 4

<u>Total Clinic Visits¹</u>			<u>2007 Total</u>		<u>2008 Total</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
598	574	Whangarei	2	0.3%	10	1.7%
117	133	Dargaville	0	0.0%	2	1.5%
95	75	Kaikohe	0	0.0%	0	0.0%
5161	5372	Auckland	34	0.7%	41	0.8%
5971	6154	North	36	0.6%	53	0.9%
1967	2361	Hamilton	26	1.3%	24	1.0%
1786	2222	Tauranga	24	1.3%	23	1.0%
313	273	Rotorua	1	0.3%	0	0.0%
234	500	Whakatane	3	1.3%	2	0.4%
236	249	Taupo	5	2.1%	1	0.4%
572	587	New Plymouth	4	0.7%	3	0.5%
576	0	Gisborne	1	0.2%	0	0.0%
5684	6192	Midland	64	1.1%	53	0.9%
322	275	Napier	8	2.5%	10	3.6%
195	146	Hastings	6	3.1%	4	2.7%
265	218	Wanganui	4	1.5%	5	2.3%
860	1016	Palmerston North/Levin/Dannevirke	9	1.0%	11	1.1%
2413	1580	Wellington	4	0.2%	15	0.9%
192	203	Lower Hutt	1	0.5%	2	1.0%
174	80	Porirua	0	0.0%	2	2.5%
485	537	Nelson	5	1.0%	11	2.0%
0	214	Wairau (Blenheim)	0	0.0%	5	2.3%
4906	4269	Central	37	0.8%	65	1.5%
118	77	Greymouth	3	2.5%	0	0.0%
100	120	Westport/Buller	0	0.0%	1	0.8%
2147	3292	Christchurch	39	1.8%	21	0.6%
24	15	Ashburton	0	0.0%	0	0.0%
172	149	Timaru	1	0.6%	1	0.7%
821	674	Dunedin	6	0.7%	15	2.2%
495	634	Invercargill/Gore/Wyndham	4	0.8%	6	0.9%
3877	4961	South	53	1.4%	44	0.9%
20438	21576	Total	190	0.9%	215	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 2.6: Genital Herpes - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 4 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	6	18	15	10	7	7	4	0	67
		0.0	1.0	1.2	1.4	1.3	1.1	1.5	0.4	0.0	1.1
	Maori	0	3	0	1	2	0	0	1	0	7
		0.0	1.3	0.0	0.5	1.4	0.0	0.0	1.2	0.0	0.6
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	-	0.8
	Other	0	0	3	2	0	0	2	3	0	10
		0.0	0.0	1.5	0.8	0.0	0.0	1.9	2.0	0.0	1.0
	Total	0	9	22	18	12	7	9	8	0	85
		0.0	1.0	1.1	1.2	1.1	0.8	1.4	0.7	0.0	1.0
Females	European/Pakeha	0	24	28	11	11	11	7	11	0	103
		0.0	0.9	1.4	1.0	1.5	2.3	2.0	2.2	0.0	1.3
	Maori	1	5	2	2	1	3	3	1	0	18
		0.9	0.5	0.3	0.6	0.5	2.1	4.4	1.4	0.0	0.7
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	-	0.6
	Other	0	1	0	2	0	2	2	0	0	7
		0.0	0.7	0.0	0.7	0.0	2.6	2.2	0.0	0.0	0.6
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	-	0.8
	Total	1	31	31	15	12	16	12	12	0	130
		0.4	0.8	1.0	0.9	1.1	2.2	2.2	1.7	0.0	1.1

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 4

<u>Total Clinic Visits¹</u>			<u>2007 Total</u>		<u>2008 Total</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
598	574	Whangarei	18	3.0%	17	3.0%
117	133	Dargaville	1	0.9%	3	2.3%
95	75	Kaikohe	0	0.0%	0	0.0%
5161	5372	Auckland	206	4.0%	212	3.9%
5971	6154	North	225	3.8%	232	3.8%
1967	2361	Hamilton	100	5.1%	112	4.7%
1786	2222	Tauranga	68	3.8%	70	3.2%
313	273	Rotorua	14	4.5%	31	11.4%
234	500	Whakatane	14	6.0%	5	1.0%
236	249	Taupo	8	3.4%	8	3.2%
572	587	New Plymouth	27	4.7%	41	7.0%
576	0	Gisborne	0	0.0%	0	0.0%
5684	6192	Midland	231	4.1%	267	4.3%
322	275	Napier	23	7.1%	12	4.4%
195	146	Hastings	19	9.7%	13	8.9%
265	218	Wanganui	7	2.6%	11	5.0%
860	1016	Palmerston North/Levin/Dannevirke	31	3.6%	35	3.4%
2413	1580	Wellington	81	3.4%	70	4.4%
192	203	Lower Hutt	7	3.6%	15	7.4%
174	80	Porirua	9	5.2%	9	11.3%
485	537	Nelson	31	6.4%	20	3.7%
0	214	Wairau (Blenheim)	0	0.0%	17	7.9%
4906	4269	Central	208	4.2%	202	4.7%
118	77	Greymouth	2	1.7%	2	2.6%
100	120	Westport/Buller	4	4.0%	4	3.3%
2147	3292	Christchurch	75	3.5%	93	2.8%
24	15	Ashburton	1	4.2%	1	6.7%
172	149	Timaru	17	9.9%	7	4.7%
821	674	Dunedin	35	4.3%	30	4.5%
495	634	Invercargill/Gore/Wyndham	39	7.9%	27	4.3%
3877	4961	South	173	4.5%	164	3.3%
20438	21576	Total	837	4.1%	865	4.0%

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

Quarter 4 2008

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	0	37	96	63	21	23	7	29	0	276
		0.0	6.0	6.5	5.7	2.8	3.6	1.5	3.0	0.0	4.6
	Maori	1	14	21	8	4	5	2	2	0	57
		8.3	5.8	5.7	4.1	2.9	5.4	2.8	2.4	0.0	4.7
	Pacific Peoples	0	3	4	3	2	0	0	0	0	12
		0.0	5.6	3.8	3.7	4.0	0.0	0.0	0.0	-	3.2
	Other	0	1	9	6	4	4	1	2	1	28
		0.0	2.6	4.4	2.5	2.4	2.9	1.0	1.3	100.0	2.7
Unknown	0	0	5	4	1	2	3	2	0	17	
	0.0	0.0	7.8	7.0	3.1	4.5	8.1	3.0	-	5.1	
Total		1	55	135	84	32	34	13	35	1	390
		2.9	5.6	6.1	5.0	2.8	3.6	1.9	2.7	12.5	4.3
Females	European/Pakeha	2	135	105	37	19	14	6	4	0	322
		1.8	5.2	5.2	3.4	2.6	2.9	1.7	0.8	0.0	4.1
	Maori	3	39	23	5	4	2	0	0	0	76
		2.8	3.8	3.1	1.6	1.8	1.4	0.0	0.0	0.0	2.8
	Pacific Peoples	0	10	10	5	4	0	0	2	0	31
		0.0	8.3	5.1	5.5	7.3	0.0	0.0	7.7	-	5.7
	Other	0	4	8	9	1	0	1	3	0	26
		0.0	2.7	3.6	3.3	0.7	0.0	1.1	2.2	0.0	2.4
Unknown	0	4	8	4	1	2	0	0	0	19	
	0.0	5.3	7.5	8.2	3.4	9.1	0.0	0.0	0.0	5.6	
Total		5	192	154	60	29	18	7	9	0	474
		2.2	4.8	4.7	3.3	2.5	2.4	1.2	1.2	0.0	3.8

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 4

<u>Total Clinic Visits¹</u>			<u>2007 Total</u>		<u>2008 Total</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
598	574	Whangarei	0	0.0%	0	0.0%
117	133	Dargaville	0	0.0%	0	0.0%
95	75	Kaikohe	0	0.0%	0	0.0%
5161	5372	Auckland	1	0.0%	2	0.0%
5971	6154	North	1	0.0%	2	0.0%
1967	2361	Hamilton	1	0.1%	2	0.1%
1786	2222	Tauranga	2	0.1%	3	0.1%
313	273	Rotorua	0	0.0%	0	0.0%
234	500	Whakatane	0	0.0%	0	0.0%
236	249	Taupo	0	0.0%	0	0.0%
572	587	New Plymouth	0	0.0%	0	0.0%
576	0	Gisborne	0	0.0%	0	0.0%
5684	6192	Midland	3	0.1%	5	0.1%
322	275	Napier	0	0.0%	0	0.0%
195	146	Hastings	0	0.0%	0	0.0%
265	218	Wanganui	0	0.0%	1	0.5%
860	1016	Palmerston North/Levin/Dannevirke	0	0.0%	4	0.4%
2413	1580	Wellington	6	0.2%	4	0.3%
192	203	Lower Hutt	0	0.0%	1	0.5%
174	80	Porirua	0	0.0%	0	0.0%
485	537	Nelson	1	0.2%	0	0.0%
0	214	Wairau (Blenheim)	0	0.0%	2	0.9%
4906	4269	Central	7	0.1%	12	0.3%
118	77	Greymouth	0	0.0%	0	0.0%
100	120	Westport/Buller	0	0.0%	0	0.0%
2147	3292	Christchurch	0	0.0%	4	0.1%
24	15	Ashburton	0	0.0%	0	0.0%
172	149	Timaru	0	0.0%	0	0.0%
821	674	Dunedin	1	0.1%	4	0.6%
495	634	Invercargill/Gore/Wyndham	0	0.0%	0	0.0%
3877	4961	South	1	0.0%	8	0.2%
20438	21576	Total	12	0.1%	27	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 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	1	2	2	1	2	0	9
		0.0	0.0	0.1	0.1	0.3	0.3	0.2	0.2	0.0	0.1
	Maori	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	-	0.5
	Pacific Peoples	0	0	0	0	0	2	0	0	0	2
		0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	-	1.9
	Other	0	0	0	2	2	1	1	1	0	7
	0.0	0.0	0.0	0.8	1.2	0.7	1.0	0.7	0.0	0.7	
Unknown	0	0	0	0	0	2	0	1	0	3	
	0.0	0.0	0.0	0.0	0.0	6.7	0.0	2.5	-	1.3	
Total		0	0	3	3	4	7	2	4	0	23
		0.0	0.0	0.2	0.2	0.4	0.8	0.3	0.3	0.0	0.3
Females	European/Pakeha	0	0	0	0	0	1	0	1	0	2
		0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.6	0.0	0.1
	Pacific Peoples	0	0	0	0	0	2	0	0	0	2
	0.0	0.0	0.0	0.0	0.0	22.2	0.0	0.0	-	1.2	
Total		0	0	0	0	0	3	0	1	0	4
		0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.6	0.0	0.2

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 4

<u>Total Clinic Visits¹</u>			<u>2007 Total</u>		<u>2008 Total</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
161	164	Whangarei	0	0.0%	0	0.0%
2	10	Dargaville	0	0.0%	0	0.0%
13	7	Kaikohe	0	0.0%	0	0.0%
2459	2657	Auckland	70	2.8%	82	3.1%
2635	2838	North	70	2.7%	82	2.9%
718	984	Hamilton	0	0.0%	0	0.0%
386	497	Tauranga	10	2.6%	12	2.4%
132	104	Rotorua	0	0.0%	0	0.0%
61	69	Whakatane	1	1.6%	2	2.9%
63	68	Taupo	0	0.0%	0	0.0%
245	243	New Plymouth	8	3.3%	9	3.7%
105	0	Gisborne	0	0.0%	0	0.0%
1710	1965	Midland	19	1.1%	23	1.2%
74	58	Napier	0	0.0%	0	0.0%
40	33	Hastings	0	0.0%	0	0.0%
82	80	Wanganui	0	0.0%	3	3.8%
407	448	Palmerston North/Levin/Dannevirke	9	2.2%	14	3.1%
1339	817	Wellington	7	0.5%	9	1.1%
93	107	Lower Hutt	1	1.1%	0	0.0%
99	33	Porirua	1	1.0%	0	0.0%
228	262	Nelson	10	4.4%	6	2.3%
0	100	Wairau (Blenheim)	0	0.0%	0	0.0%
2362	1938	Central	28	1.2%	32	1.7%
45	30	Greymouth	0	0.0%	0	0.0%
19	20	Westport/Buller	2	10.5%	0	0.0%
1148	1607	Christchurch	19	1.7%	12	0.7%
9	6	Ashburton	0	0.0%	0	0.0%
71	72	Timaru	0	0.0%	0	0.0%
276	224	Dunedin	0	0.0%	2	0.9%
230	313	Invercargill/Gore/Wyndham	1	0.4%	4	1.3%
1798	2272	South	22	1.2%	18	0.8%
8505	9013	Total	139	1.6%	155	1.7%

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 4 2008

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	0	9	22	21	15	13	12	16	0	108
		0.0	1.5	1.5	1.9	2.0	2.0	2.6	1.6	0.0	1.8
	Maori	0	6	5	3	1	1	1	0	0	17
		0.0	2.5	1.4	1.5	0.7	1.1	1.4	0.0	0.0	1.4
	Pacific Peoples	0	1	2	1	0	0	0	1	0	5
		0.0	1.9	1.9	1.2	0.0	0.0	0.0	3.6	-	1.3
	Other	0	1	2	5	3	3	5	3	0	22
	0.0	2.6	1.0	2.1	1.8	2.1	4.9	2.0	0.0	2.1	
Unknown	0	0	1	1	0	1	0	0	0	3	
	0.0	0.0	5.6	5.6	0.0	7.1	0.0	0.0	-	2.8	
Total		0	17	32	31	19	18	18	20	0	155
		0.0	1.8	1.5	1.9	1.7	2.0	2.7	1.6	0.0	1.8

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

Family Planning Clinic (FPC) Data

Chlamydia

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

Quarter 4 2008

		Age group (years)									
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44	Unk	Total
Males	European/Pakeha	0	13	29	9	3	1	0	0	0	55
		0.0	3.0	5.8	4.3	3.1	1.0	0.0	0.0	0.0	3.6
	Maori	0	19	19	2	1	0	1	1	0	43
		0.0	12.1	17.1	4.9	6.3	0.0	11.1	25.0	-	12.2
	Pacific Peoples	0	2	6	5	1	2	0	0	0	16
		0.0	6.9	11.1	26.3	10.0	14.3	0.0	0.0	-	11.4
	Other	0	0	2	1	0	0	0	0	0	3
		0.0	0.0	7.1	4.3	0.0	0.0	0.0	0.0	-	3.3
	Unknown	0	1	2	0	0	0	0	0	0	3
		0.0	3.4	10.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
Total		0	35	58	17	5	3	1	1	0	120
		0.0	5.3	8.2	5.6	3.7	2.0	0.8	0.9	0.0	5.4
Females	European/Pakeha	0	177	157	44	11	7	1	1	0	398
		0.0	2.2	1.6	1.0	0.5	0.4	0.1	0.1	0.0	1.3
	Maori	1	122	73	21	7	3	1	0	0	228
		1.8	4.9	4.0	2.8	1.5	1.0	0.6	0.0	0.0	3.7
	Pacific Peoples	0	32	36	10	6	1	0	0	0	85
		0.0	5.6	4.7	3.0	3.3	0.7	0.0	0.0	-	3.9
	Other	0	12	13	9	6	2	1	1	0	44
		0.0	2.2	1.4	1.2	1.2	0.5	0.4	0.4	0.0	1.2
	Unknown	0	9	11	2	1	0	0	0	0	23
		0.0	2.0	2.0	0.6	0.4	0.0	0.0	0.0	0.0	1.1
Total		1	352	290	86	31	13	3	2	0	778
		0.5	2.9	2.1	1.3	0.8	0.4	0.2	0.1	0.0	1.8

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

Gonorrhoea

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

Quarter 4 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	2	1	0	0	0	0	4
		0.0	0.0	0.2	1.0	1.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	1	3	0	0	0	0	0	0	4
		0.0	0.6	2.7	0.0	0.0	0.0	0.0	0.0	-	1.1
	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	-	2.0	
Total		0	1	5	2	1	0	0	0	0	9
		0.0	0.2	0.8	0.8	0.9	0.0	0.0	0.0	0.0	0.5
Females	European/Pakeha	0	6	5	1	1	0	0	0	0	13
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	0	4	6	1	0	0	0	0	0	11
		0.0	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2
	Pacific Peoples	0	1	3	0	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	0	1	0	0	0	0	0	1
	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	-	0.1	
Unknown	0	1	0	0	0	0	0	0	0	1	
	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Total		0	12	14	3	1	0	0	0	0	30
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1

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

Genital Herpes (First presentation)

Table 3.6: Genital Herpes - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at FPCs

Quarter 4 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	1	0	0	0	0	0	6
		0.0	0.7	0.9	0.7	0.0	0.0	0.0	0.0	-	0.6
	Maori	0	1	0	0	0	0	0	0	0	1
		0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.8
	Total	0	3	3	1	0	0	0	0	0	7
		0.0	0.8	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.6
Females	European/Pakeha	0	7	10	3	3	8	2	2	0	35
		0.0	0.1	0.1	0.1	0.1	0.4	0.2	0.1	0.0	0.1
	Maori	0	1	1	0	0	0	0	0	0	2
		0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Other	0	1	0	1	1	0	0	0	0	3
		0.0	0.3	0.0	0.2	0.3	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	0.8	0.0	0.0	0.0	0.0	-	0.1	
	Total	0	9	11	5	4	8	2	2	0	41
		0.0	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.0	0.1

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

Genital Warts (First presentation)

Table 3.8: Genital Warts - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at FPCs

Quarter 4 2008

		Age group (years)							Unk	Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44			>44
Males	European/Pakeha	0	4	12	4	4	2	0	1	0	27
		0.0	0.9	2.4	1.9	4.2	2.0	0.0	1.1	0.0	1.8
	Maori	0	5	1	1	0	0	0	0	0	7
		0.0	3.2	0.9	2.4	0.0	0.0	0.0	0.0	-	2.0
	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	-	2.0
	Unknown	0	0	0	1	1	0	0	0	0	2
	0.0	0.0	0.0	5.3	12.5	0.0	0.0	0.0	0.0	2.3	
Total		0	9	14	6	5	2	0	1	0	37
		0.0	1.5	2.2	2.2	4.1	1.7	0.0	0.9	0.0	1.8
Females	European/Pakeha	0	31	28	12	1	0	2	1	0	75
		0.0	0.4	0.3	0.3	0.0	0.0	0.2	0.1	0.0	0.3
	Maori	0	11	5	1	0	0	0	0	0	17
		0.0	0.4	0.3	0.1	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	0.4	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	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1	
Unknown	0	0	5	2	1	0	0	1	0	9	
	0.0	0.0	0.9	0.6	0.4	0.0	0.0	0.4	0.0	0.4	
Total		0	43	39	15	2	0	2	2	0	103
		0.0	0.4	0.3	0.3	0.1	0.0	0.1	0.1	0.0	0.3

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

Student & Youth Health Clinic (SYHC) Data

Chlamydia

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

Quarter 4 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	17	1	0	0	0	0	0	27
		0.0	0.7	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.5
	Maori	0	7	10	0	0	0	0	0	0	17
		0.0	6.2	2.9	0.0	0.0	0.0	0.0	0.0	-	2.3
	Pacific Peoples	0	2	3	0	0	0	0	0	0	5
		0.0	5.9	4.1	0.0	0.0	0.0	0.0	0.0	-	2.2
	Other	0	1	3	0	0	0	0	0	0	4
	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	-	0.2	
Total		0	19	33	1	0	0	0	0	0	53
		0.0	1.2	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.6
Females	European/Pakeha	2	50	52	8	1	0	0	0	0	113
		1.9	1.4	0.6	0.5	0.2	0.0	0.0	0.0	0.0	0.7
	Maori	0	38	10	1	0	0	0	0	1	50
		0.0	8.0	1.1	0.4	0.0	0.0	0.0	0.0	-	2.4
	Pacific Peoples	0	4	7	1	0	0	0	0	0	12
		0.0	3.4	3.2	2.1	0.0	0.0	0.0	0.0	-	2.3
	Other	0	3	4	1	0	0	0	1	0	9
	0.0	0.8	0.2	0.1	0.0	0.0	0.0	1.0	-	0.3	
Unknown	0	1	4	0	0	0	0	0	0	5	
	0.0	2.1	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Total		2	96	77	11	1	0	0	1	1	189
		1.2	2.0	0.6	0.4	0.1	0.0	0.0	0.1	0.0	0.6

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

Gonorrhoea

Table 4.4: Gonorrhoea - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SYHCs

Quarter 4 2008

		Age group (years)								Total	
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		Unk
Males	European/Pakeha	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	2	3	0	0	0	0	0	0	5
		0.0	2.2	1.1	0.0	0.0	0.0	0.0	0.0	-	0.9
	Pacific Peoples	0	1	0	0	0	0	0	0	0	1
		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.4
	Other	0	0	1	0	0	0	0	0	0	1
	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	-	0.2	
Total		0	3	7	0	0	0	0	0	0	10
		0.0	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Females	European/Pakeha	0	4	3	2	0	0	0	0	0	9
		0.0	0.1	0.0	0.2	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	0.2	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	0.7	0.0	0.0	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	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total		0	5	5	2	0	0	0	0	0	12
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1

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

Genital Herpes (First presentation)

Table 4.6: Genital Herpes - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SYHCs

Quarter 4 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	4	0	1	0	0	0	0	6
		0.0	0.1	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.1
	Maori	0	1	1	0	0	0	0	0	0	2
		0.0	1.1	0.4	0.0	0.0	0.0	0.0	0.0	-	0.3
Total		0	2	5	0	1	0	0	0	0	8
		0.0	0.2	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.1
Females	European/Pakeha	0	4	10	2	0	0	0	0	0	16
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	2	0	0	0	0	0	0	0	2
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
Total		0	6	10	2	0	0	0	0	0	18
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1

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

Genital Warts (first presentation)

Table 4.8: Genital Warts – Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SYHCs

Quarter 4 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	7	0	1	0	0	0	0	9
		0.0	0.1	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.2
	Maori	0	1	1	0	0	0	0	0	0	2
		0.0	1.1	0.4	0.0	0.0	0.0	0.0	0.0	-	0.3
	Pacific Peoples	0	1	2	0	0	0	0	0	0	3
		0.0	5.0	5.0	0.0	0.0	0.0	0.0	0.0	-	2.4
	Unknown	0	0	1	0	0	0	0	0	0	1
	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total		0	3	11	0	1	0	0	0	0	15
		0.0	0.3	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.2
Females	European/Pakeha	0	8	17	0	0	0	0	0	0	25
		0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	0	0	0	0	0	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.1
	Other	0	1	1	0	0	0	0	0	0	2
		0.0	0.3	0.1	0.0	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	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Total		0	9	19	0	0	0	0	0	1	29
		0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1

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>