

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

April to June 2006

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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 15 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 September 2006. Any data submitted after this date is not included in this report due to time constraints. All results should be regarded as provisional.

Methods

Clinics record anonymous data on the age, sex and ethnicity of all cases meeting one or more of the STI surveillance case definitions (see Appendix). Each month clinics send the demographic data of cases and the total number of clinic visits either directly to ESR or via a regional co-ordinator.

STI Rates

Quarterly clinic-specific disease rates were calculated by dividing the total number of confirmed and probable reported STI cases by the total number of clinic visits made for any reason. This denominator includes all new and follow-up visits made by clinic attendees, whether for sexual or other health reasons. For specialised youth centres (one-stop shops), the denominator does not include non-clinical visits such as career advice and counselling.

The reader should note the following:

- Clinic data cannot be used to calculate population rates.
- STI rates at the different clinical settings are not directly comparable, due to a wide variation in the range of services they provide.
- In contrast to reports published prior to 2004 STI rates are not annualised.

Data completeness

SHCs

Twenty-seven SHCs participate in STI surveillance. All twenty-seven clinics provided STI data for the second quarter (April to June) 2006. 1/27 (3.7%) 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 thirty-six clinics provided STI data for the second quarter (April to June) 2006 by the date required. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

SYHCs

Fifteen SYHCs participate in STI surveillance. All of these clinics provided STI data for the second quarter (April to June) 2006. 1/15 (6.7%) of SYHCs were not able to provide data by the date required for all three months of the quarter. It should be noted that some SYHCs based in schools or tertiary institutions may have been closed during holiday periods.

Overview

Sexual Health Clinics (SHCs)

During the current quarter, SHCs reported 22,426 visits. A total of 1,142 confirmed cases of chlamydia, 228 confirmed cases of gonorrhoea, 195 cases of genital herpes, 913 cases of genital warts, 21 cases of syphilis and 187 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2005 are shown in Table 1.

Family Planning Clinics (FPCs)

During the current quarter, FPCs reported 44,488 visits. A total of 763 confirmed cases of chlamydia, 46 confirmed cases of gonorrhoea, 33 cases of genital herpes, 148 cases of genital warts, 1 case of syphilis, and 5 cases of NSU in males were reported. STI rates and comparisons with the equivalent quarter in 2005 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 50,900 visits. A total of 177 confirmed cases of chlamydia, 13 confirmed cases of gonorrhoea, 12 cases of genital herpes, 42 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 2005 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.

Table 1. Number and rate of STIs reported by SHCs, FPCs and SYHCs in April to June 2006, compared to the equivalent quarter of 2005.

Clinical setting	STI	April to June 2005		April to June 2006		Rate ² change ³ between quarters
		Total ¹ number of cases	Rate ² (%)	Total ¹ number of cases	Rate ² (%)	
SHCs	Chlamydia	1,195	5.7	1,375	6.1	▲
	Gonorrhoea	183	0.9	254	1.1	▲
	Genital herpes	189	0.9	195	0.9	—
	Genital warts	917	4.4	913	4.1	▼
	Syphilis	18	0.1	21	0.1	—
	NSU (Males Only)	180	2.1	187	2.1	—
FPCs	Chlamydia	596	1.4	915	2.1	▲
	Gonorrhoea	25	0.1	52	0.1	—
	Genital herpes	50	0.1	33	0.1	—
	Genital warts	111	0.3	148	0.3	—
	Syphilis	0	0.0	1	0.0	—
	NSU (Males Only)	2	0.1	5	0.2	▲
SYHCs	Chlamydia	151	0.3	185	0.4	▲
	Gonorrhoea	6	0.0	15	0.0	—
	Genital herpes	7	0.0	12	0.0	—
	Genital warts	28	0.1	42	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	0	0.0	1	0.0	—

¹Chlamydia and gonorrhoea totals includes confirmed and probable cases.

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

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

All Clinic Data

Table 1.1: Summary - Disease Rate by Clinic Type

Quarter 2 2006

<u>Clinic Type, by area</u>		<u>Total Clinic Visits¹</u>	<u>Chlamydia²</u>	<u>Gonorrhoea²</u>	<u>Genital Herpes[^]</u>	<u>Genital Warts[^]</u>	<u>Syphilis*</u>
North							
Sexual Health Clinics	No.	6,823	252	62	48	262	6
	Rate ³		3.7%	0.9%	0.7%	3.8%	0.1%
Family Planning Clinics	No.	19,043	448	17	14	65	1
	Rate ³		2.4%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No.	8,698	12	0	1	4	0
	Rate ³		0.1%	0.0%	0.0%	0.0%	0.0%
Subtotal North		34,564	712	79	63	331	7
Midland							
Sexual Health Clinics	No.	6,251	532	75	64	243	3
	Rate ³		8.5%	1.2%	1.0%	3.9%	0.0%
Family Planning Clinics	No.	4,937	127	12	2	10	0
	Rate ³		2.6%	0.2%	0.0%	0.2%	0.0%
Student & Youth Health	No.	12,600	38	3	1	1	0
	Rate ³		0.3%	0.0%	0.0%	0.0%	0.0%
Subtotal Midland		23,788	697	90	67	254	3
Central							
Sexual Health Clinics	No.	5,149	314	67	43	221	11
	Rate ³		6.1%	1.3%	0.8%	4.3%	0.2%
Family Planning Clinics	No.	9,183	182	12	9	26	0
	Rate ³		2.0%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No.	17,063	87	8	8	32	0
	Rate ³		0.5%	0.0%	0.0%	0.2%	0.0%
Subtotal Central		31,395	583	87	60	279	11
South							
Sexual Health Clinics	No.	4,203	277	50	40	187	1
	Rate ³		6.6%	1.2%	1.0%	4.4%	0.0%
Family Planning Clinics	No.	11,325	158	11	8	47	0
	Rate ³		1.4%	0.1%	0.1%	0.4%	0.0%
Student & Youth Health	No.	12,539	48	4	2	5	0
	Rate ³		0.4%	0.0%	0.0%	0.0%	0.0%
Subtotal South		28,067	483	65	50	239	1
All							
Sexual Health Clinics	No.	22,426	1,375	254	195	913	21
	Rate.		6.1%	1.1%	0.9%	4.1%	0.1%
Family Planning Clinics	No.	44,488	915	52	33	148	1
	Rate.		2.1%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No.	50,900	185	15	12	42	0
	Rate.		0.4%	0.0%	0.0%	0.1%	0.0%
Total	No.	117,814	2,475	321	240	1,103	22
	Rate.		2.1%	0.3%	0.2%	0.9%	0.0%

¹ Total no. clinic visits = total number of clinics visits for report period for any reason

² No. (for gonorrhoea and chlamydia only) = no. confirmed cases + no. probable cases

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

[^] First presentation at that clinic.

* Infectious syphilis (primary, secondary and early latent)

Table 1.2: Summary - Chlamydia Site of Infection

	Confirmed						Probable		Total³ No.¹
	Uncomplicated, lower anogenital		PID/epididymitis		Other site				
	No.¹	%²	No.¹	%²	No.¹	%²	No.¹	%²	
Sexual Health Clinics	1108	80.5%	27	2.0%	8	0.6%	233	16.9%	1376
Family Planning Clinics	735	80.3%	28	3.1%	0	0.0%	152	16.6%	915
Student & Youth Health Clinics	159	85.9%	17	9.2%	1	0.5%	8	4.3%	185
Total	2002	80.9%	72	2.9%	9	0.4%	393	15.9%	2476

Table 1.3: Summary - Gonorrhoea Site of Infection

	Confirmed										Probable	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	% ²	No. ¹
Sexual Health Clinics	206	79.2%	8	3.1%	10	3.8%	5	1.9%	5	1.9%	26	10.0%	260
Family Planning Clinics	42	79.2%	1	1.9%	4	7.5%	0	0.0%	0	0.0%	6	11.3%	53
Student & Youth Health Clinics	10	66.7%	0	0.0%	3	20.0%	0	0.0%	0	0.0%	2	13.3%	15
Total	258	78.7%	9	2.7%	17	5.2%	5	1.5%	5	1.5%	34	10.4%	328

¹ No. = no. cases with diagnosis² % = no. cases with diagnosis/total no. confirmed or probable cases by disease³ Total = total no. confirmed or probable cases by disease; note that the cases may have been confirmed by disease at more than one site.

Sexual Health Clinic (SHC) Data

Chlamydia

Table 2.1: Chlamydia - Disease rates by SHC

Quarter 2

<u>Total Clinic Visits¹</u>			<u>2005</u>			<u>2006</u>		
<u>2005</u>	<u>2006</u>	<u>Clinic</u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.²</u>	<u>Rate³</u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.²</u>	<u>Rate³</u>
332	455	Whangarei	17	17	5.1%	23	23	5.1%
197	184	Dargaville	2	2	1.0%	3	3	1.6%
89	62	Kaikohe	3	3	3.4%	7	7	11.3%
6002	6122	Auckland	215	251	4.2%	195	219	3.6%
6620	6823	North	237	273	4.1%	228	252	3.7%
2111	2110	Hamilton	158	170	8.1%	180	195	9.2%
1668	1900	Tauranga	99	99	5.9%	124	129	6.8%
53	300	Rotorua	23	27	50.9%	7	11	3.7%
206	295	Whakatane	15	15	7.3%	33	37	12.5%
189	224	Taupo	11	26	13.8%	13	31	13.8%
578	630	New Plymouth	71	83	14.4%	61	81	12.9%
746	792	Gisborne	41	41	5.5%	48	48	6.1%
5551	6251	Midland	418	461	8.3%	466	532	8.5%
286	259	Napier	27	27	9.4%	29	29	11.2%
91	185	Hastings	14	14	15.4%	27	27	14.6%
328	230	Wanganui	20	20	6.1%	9	11	4.8%
1010	989	Palmerston North/Levin/Dannevirke	66	98	9.7%	70	109	11.0%
2228	2457	Wellington	50	62	2.8%	70	98	4.0%
201	251	Lower Hutt	1	3	1.5%	4	6	2.4%
160	162	Porirua	7	12	7.5%	4	10	6.2%
285	436	Nelson	14	14	4.9%	11	13	3.0%
127	180	Wairau (Blenheim)	2	2	1.6%	11	11	6.1%
4716	5149	Central	201	252	5.3%	235	314	6.1%
136	118	Greymouth	3	4	2.9%	4	9	7.6%
40	144	Westport/Buller	0	3	7.5%	14	20	13.9%
2293	2240	Christchurch	52	76	3.3%	71	98	4.4%
21	7	Ashburton	1	1	4.8%	0	0	0.0%
197	152	Timaru	10	10	5.1%	20	20	13.2%
865	946	Dunedin	40	46	5.3%	40	41	4.3%
587	596	Invercargill/Gore	53	69	11.8%	64	89	14.9%
4139	4203	South	159	209	5.0%	213	277	6.6%
21026	22426	Total	1015	1195	5.7%	1142	1375	6.1%

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

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

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

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

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

Quarter 2 2006

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	88	143	78	42	22	14	14	0	402
		20.0	16.1	8.7	6.7	4.8	2.9	2.7	1.7	0.0	6.3
	Maori	1	46	76	41	11	4	5	2	0	186
		16.7	18.4	20.0	16.4	6.6	3.4	10.9	2.9	-	14.5
	Pacific Peoples	0	4	8	12	2	2	1	0	0	29
		0.0	14.8	10.4	11.1	4.7	4.7	9.1	0.0	-	8.5
	Other	0	1	17	14	3	5	4	3	0	47
		0.0	2.3	7.7	6.4	2.1	3.3	5.2	3.1	0.0	4.9
	Unknown	0	2	4	2	1	0	2	0	0	11
		0.0	13.3	12.1	9.5	10.0	0.0	10.0	0.0	-	8.4
Total		2	141	248	147	59	33	26	19	0	675
		18.2	16.0	10.5	8.3	4.7	3.0	3.9	1.8	0.0	7.4
Females	European/Pakeha	9	177	110	30	16	10	0	2	0	354
		6.7	6.7	5.0	2.3	2.0	2.1	0.0	0.4	0.0	4.2
	Maori	9	149	70	36	10	2	1	2	3	282
		7.9	11.9	9.7	7.6	3.7	1.3	1.2	2.3	23.1	8.9
	Pacific Peoples	2	4	10	1	2	0	0	0	1	20
		28.6	3.3	7.6	1.0	4.4	0.0	0.0	0.0	-	4.3
	Other	1	10	15	5	6	1	1	0	0	39
		11.1	5.0	4.8	2.2	3.7	1.0	1.1	0.0	-	3.3
	Unknown	0	1	1	1	2	0	0	0	0	5
		0.0	7.1	16.7	9.1	22.2	0.0	0.0	0.0	0.0	8.1
Total		21	341	206	73	36	13	2	4	4	700
		7.9	8.1	6.1	3.4	2.8	1.7	0.4	0.6	20.0	5.3

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Gonorrhoea

Table 2.3: Gonorrhoea - Disease rates by SHC

Quarter 2

<u>Total Clinic Visits¹</u>			<u>2005</u>			<u>2006</u>		
<u>2005</u>	<u>2006</u>	<u>Clinic</u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.²</u>	<u>Rate³</u>	<u>No.</u> <u>Confirmed</u>	<u>Total</u> <u>No.²</u>	<u>Rate³</u>
332	455	Whangarei	1	1	0.3%	3	3	0.7%
197	184	Dargaville	0	0	0.0%	0	0	0.0%
89	62	Kaikohe	0	0	0.0%	2	2	3.2%
6002	6122	Auckland	77	83	1.4%	53	57	0.9%
6620	6823	North	78	84	1.3%	58	62	0.9%
2111	2110	Hamilton	19	20	0.9%	35	37	1.8%
1668	1900	Tauranga	6	6	0.4%	10	13	0.7%
53	300	Rotorua	3	4	7.5%	3	3	1.0%
206	295	Whakatane	2	2	1.0%	5	5	1.7%
189	224	Taupo	0	0	0.0%	1	1	0.4%
578	630	New Plymouth	4	4	0.7%	4	4	0.6%
746	792	Gisborne	8	8	1.1%	12	12	1.5%
5551	6251	Midland	42	44	0.8%	70	75	1.2%
286	259	Napier	2	2	0.7%	9	9	3.5%
91	185	Hastings	5	5	5.5%	10	10	5.4%
328	230	Wanganui	0	0	0.0%	1	1	0.4%
1010	989	Palmerston North/Levin/Dannevirke	6	11	1.1%	10	15	1.5%
2228	2457	Wellington	9	9	0.4%	20	20	0.8%
201	251	Lower Hutt	2	2	1.0%	3	3	1.2%
160	162	Porirua	3	3	1.9%	4	4	2.5%
285	436	Nelson	6	9	3.2%	0	2	0.5%
127	180	Wairau (Blenheim)	0	0	0.0%	2	3	1.7%
4716	5149	Central	33	41	0.9%	59	67	1.3%
136	118	Greymouth	0	0	0.0%	1	1	0.8%
40	144	Westport/Buller	0	0	0.0%	1	1	0.7%
2293	2240	Christchurch	10	11	0.5%	17	22	1.0%
21	7	Ashburton	0	0	0.0%	1	2	28.6%
197	152	Timaru	0	0	0.0%	2	2	1.3%
865	946	Dunedin	1	1	0.1%	5	6	0.6%
587	596	Invercargill/Gore	2	2	0.3%	14	16	2.7%
4139	4203	South	13	14	0.3%	41	50	1.2%
21026	22426	Total	166	183	0.9%	228	254	1.1%

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

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

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

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

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

Quarter 2 2006

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	14	19	9	4	7	8	2	0	63
		0.0	2.6	1.2	0.8	0.5	0.9	1.5	0.2	0.0	1.0
	Maori	0	16	16	13	4	2	0	2	0	53
		0.0	6.4	4.2	5.2	2.4	1.7	0.0	2.9	-	4.1
	Pacific Peoples	0	2	3	1	1	2	0	0	0	9
		0.0	7.4	3.9	0.9	2.3	4.7	0.0	0.0	-	2.6
	Other	0	0	2	9	2	2	0	0	0	15
		0.0	0.0	0.9	4.1	1.4	1.3	0.0	0.0	0.0	1.6
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	-	4.2
Total		0	32	41	32	11	13	8	4	0	141
		0.0	3.7	1.8	1.8	0.9	1.2	1.2	0.4	0.0	1.6
Females	European/Pakeha	1	17	17	1	4	1	0	0	0	41
		0.7	0.6	0.8	0.1	0.5	0.2	0.0	0.0	0.0	0.5
	Maori	0	34	15	5	2	1	0	0	0	57
		0.0	2.7	2.1	1.1	0.7	0.6	0.0	0.0	0.0	1.8
	Pacific Peoples	1	1	2	0	0	1	0	0	0	5
		14.3	0.8	1.5	0.0	0.0	6.7	0.0	0.0	-	1.1
	Other	0	3	2	1	1	0	0	0	0	7
		0.0	1.5	0.6	0.4	0.6	0.0	0.0	0.0	-	0.6
	Unknown	0	1	0	0	2	0	0	0	0	3
		0.0	7.1	0.0	0.0	28.6	0.0	0.0	0.0	0.0	3.9
Total		2	56	36	7	9	3	0	0	0	113
		0.8	1.3	1.1	0.3	0.7	0.4	0.0	0.0	0.0	0.8

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Genital Herpes (First presentation)

Table 2.5: Genital Herpes - Disease rates by SHC

Quarter 2

Total Clinic Visits¹			2005		2006	
			Total		Total	
2005	2006	Clinic	No.	Rate²	No.	Rate²
332	455	Whangarei	0	0.0%	5	1.1%
197	184	Dargaville	1	0.5%	1	0.5%
89	62	Kaikohe	0	0.0%	0	0.0%
6002	6122	Auckland	45	0.7%	42	0.7%
6620	6823	North	46	0.7%	48	0.7%
2111	2110	Hamilton	29	1.4%	30	1.4%
1668	1900	Tauranga	14	0.8%	19	1.0%
53	300	Rotorua	2	3.8%	2	0.7%
206	295	Whakatane	1	0.5%	4	1.4%
189	224	Taupo	1	0.5%	0	0.0%
578	630	New Plymouth	9	1.6%	8	1.3%
746	792	Gisborne	1	0.1%	1	0.1%
5551	6251	Midland	57	1.0%	64	1.0%
286	259	Napier	4	1.4%	3	1.2%
91	185	Hastings	0	0.0%	2	1.1%
328	230	Wanganui	2	0.6%	10	4.3%
1010	989	Palmerston North/Levin/Dannevirke	7	0.7%	8	0.8%
2228	2457	Wellington	7	0.3%	9	0.4%
201	251	Lower Hutt	1	0.5%	2	0.8%
160	162	Porirua	0	0.0%	0	0.0%
285	436	Nelson	3	1.1%	8	1.8%
127	180	Wairau (Blenheim)	0	0.0%	1	0.6%
4716	5149	Central	24	0.5%	43	0.8%
136	118	Greymouth	2	1.5%	0	0.0%
40	144	Westport/Buller	2	5.0%	1	0.7%
2293	2240	Christchurch	35	1.5%	21	0.9%
21	7	Ashburton	0	0.0%	0	0.0%
197	152	Timaru	14	7.1%	6	3.9%
865	946	Dunedin	5	0.6%	3	0.3%
587	596	Invercargill/Gore	4	0.7%	9	1.5%
4139	4203	South	62	1.5%	40	1.0%
21026	22426	Total	189	0.9%	195	0.9%

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

² Rate = (total no. cases / total no. clinic visits) x 100, expressed as a percentage.

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

Table 2.6: Genital Herpes - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 2 2006

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	9	20	16	6	10	4	8	0	73
		0.0	1.6	1.2	1.4	0.7	1.3	0.8	1.0	0.0	1.1
	Maori	0	2	2	1	1	1	1	0	0	8
		0.0	0.8	0.5	0.4	0.6	0.9	2.2	0.0	-	0.6
	Pacific Peoples	0	1	0	0	1	1	0	0	0	3
		0.0	6.3	0.0	0.0	2.9	3.6	0.0	0.0	-	1.2
	Other	0	0	0	5	0	0	2	0	0	7
		0.0	0.0	0.0	3.5	0.0	0.0	4.8	0.0	0.0	1.2
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	-	1.6
Total		0	12	23	22	8	12	7	8	0	92
		0.0	1.4	1.0	1.3	0.7	1.2	1.1	0.8	0.0	1.1
Females	European/Pakeha	0	16	25	12	7	4	5	6	0	75
		0.0	0.6	1.1	0.9	0.9	0.8	1.5	1.2	0.0	0.9
	Maori	0	10	4	2	2	0	0	0	0	18
		0.0	0.8	0.6	0.4	0.7	0.0	0.0	0.0	0.0	0.6
	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	-	0.7
	Other	0	1	1	3	1	2	1	0	0	9
		0.0	0.5	0.3	1.3	0.6	2.1	1.1	0.0	-	0.8
Total		0	28	30	17	10	6	6	6	0	103
		0.0	0.7	0.9	0.8	0.8	0.8	1.2	0.9	0.0	0.8

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Genital Warts (First presentation)

Table 2.7: Genital Warts - Disease rates by SHC

Quarter 2

<u>Total Clinic Visits¹</u>			<u>2005</u>		<u>2006</u>	
<u>2005</u>	<u>2006</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate²</u>	<u>Total</u>
332	455	Whangarei	12	3.6%	12	2.6%
197	184	Dargaville	0	0.0%	0	0.0%
89	62	Kaikohe	0	0.0%	0	0.0%
6002	6122	Auckland	274	4.6%	250	4.1%
6620	6823	North	286	4.3%	262	3.8%
2111	2110	Hamilton	126	6.0%	92	4.4%
1668	1900	Tauranga	52	3.1%	70	3.7%
53	300	Rotorua	26	49.1%	18	6.0%
206	295	Whakatane	5	2.4%	20	6.8%
189	224	Taupo	4	2.1%	1	0.4%
578	630	New Plymouth	27	4.7%	42	6.7%
746	792	Gisborne	0	0.0%	0	0.0%
5551	6251	Midland	240	4.3%	243	3.9%
286	259	Napier	15	5.2%	15	5.8%
91	185	Hastings	4	4.4%	15	8.1%
328	230	Wanganui	15	4.6%	13	5.7%
1010	989	Palmerston North/Levin/Dannevirke	47	4.7%	38	3.8%
2228	2457	Wellington	69	3.1%	73	3.0%
201	251	Lower Hutt	11	5.5%	8	3.2%
160	162	Porirua	8	5.0%	7	4.3%
285	436	Nelson	22	7.7%	22	5.0%
127	180	Wairau (Blenheim)	14	11.0%	30	16.7%
4716	5149	Central	205	4.3%	221	4.3%
136	118	Greymouth	5	3.7%	3	2.5%
40	144	Westport/Buller	0	0.0%	1	0.7%
2293	2240	Christchurch	94	4.1%	88	3.9%
21	7	Ashburton	2	9.5%	0	0.0%
197	152	Timaru	3	1.5%	10	6.6%
865	946	Dunedin	42	4.9%	40	4.2%
587	596	Invercargill/Gore	40	6.8%	45	7.6%
4139	4203	South	186	4.5%	187	4.4%
21026	22426	Total	917	4.4%	913	4.1%

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

² Rate = (total no. cases / total no. clinic visits) x 100, expressed as a percentage.

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

Table 2.8: Genital Warts - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 2 2006

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	49	120	51	36	21	16	21	0	314
		0.0	8.9	7.3	4.4	4.1	2.7	3.1	2.5	0.0	4.9
	Maori	0	15	17	10	6	5	1	2	0	56
		0.0	6.0	4.5	4.0	3.6	4.3	2.2	2.9	-	4.4
	Pacific Peoples	0	1	5	3	0	1	1	0	0	11
		0.0	3.7	6.5	2.8	0.0	2.3	9.1	0.0	-	3.2
	Other	0	2	4	8	3	0	1	1	0	19
		0.0	4.5	1.8	3.6	2.1	0.0	1.3	1.0	0.0	2.0
	Unknown	0	1	2	0	0	0	0	0	0	3
		0.0	7.1	8.0	0.0	0.0	0.0	0.0	0.0	-	2.8
Total		0	68	148	72	45	27	19	24	0	403
		0.0	7.7	6.3	4.1	3.6	2.5	2.8	2.3	0.0	4.5
Females	European/Pakeha	3	163	108	35	22	16	5	7	0	359
		2.2	6.2	4.9	2.7	2.7	3.3	1.5	1.4	0.0	4.3
	Maori	4	50	19	8	7	0	3	1	1	93
		3.5	4.0	2.6	1.7	2.6	0.0	3.7	1.1	7.7	2.9
	Pacific Peoples	0	4	9	3	1	0	0	0	0	17
		0.0	3.3	6.9	2.9	2.2	0.0	0.0	0.0	-	3.6
	Other	0	9	12	10	5	0	1	0	0	37
		0.0	4.5	3.8	4.4	3.1	0.0	1.1	0.0	-	3.1
	Unknown	0	2	0	2	0	0	0	0	0	4
		0.0	11.8	0.0	11.1	0.0	0.0	0.0	0.0	0.0	4.0
Total		7	228	148	58	35	16	9	8	1	510
		2.6	5.4	4.4	2.7	2.7	2.1	1.7	1.1	5.0	3.8

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Syphilis

Table 2.9: Syphilis - Disease rates by SHC

Quarter 2

<u>Total Clinic Visits¹</u>			<u>2005</u>		<u>2006</u>	
<u>2005</u>	<u>2006</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate²</u>	<u>Total</u>
				<u>No.</u>	<u>Rate²</u>	<u>No.</u>
332	455	Whangarei	0	0.0%	1	0.2%
197	184	Dargaville	0	0.0%	0	0.0%
89	62	Kaikohe	0	0.0%	0	0.0%
6002	6122	Auckland	10	0.2%	5	0.1%
6620	6823	North	10	0.2%	6	0.1%
2111	2110	Hamilton	3	0.1%	0	0.0%
1668	1900	Tauranga	0	0.0%	3	0.2%
53	300	Rotorua	0	0.0%	0	0.0%
206	295	Whakatane	0	0.0%	0	0.0%
189	224	Taupo	0	0.0%	0	0.0%
578	630	New Plymouth	0	0.0%	0	0.0%
746	792	Gisborne	0	0.0%	0	0.0%
5551	6251	Midland	3	0.1%	3	0.0%
286	259	Napier	0	0.0%	0	0.0%
91	185	Hastings	0	0.0%	0	0.0%
328	230	Wanganui	0	0.0%	0	0.0%
1010	989	Palmerston North/Levin/Dannevirke	2	0.2%	1	0.1%
2228	2457	Wellington	1	0.0%	8	0.3%
201	251	Lower Hutt	0	0.0%	0	0.0%
160	162	Porirua	0	0.0%	2	1.2%
285	436	Nelson	0	0.0%	0	0.0%
127	180	Wairau (Blenheim)	0	0.0%	0	0.0%
4716	5149	Central	3	0.1%	11	0.2%
136	118	Greymouth	0	0.0%	0	0.0%
40	144	Westport/Buller	0	0.0%	0	0.0%
2293	2240	Christchurch	0	0.0%	0	0.0%
21	7	Ashburton	0	0.0%	0	0.0%
197	152	Timaru	0	0.0%	0	0.0%
865	946	Dunedin	1	0.1%	1	0.1%
587	596	Invercargill/Gore	1	0.2%	0	0.0%
4139	4203	South	2	0.0%	1	0.0%
21026	22426	Total	18	0.1%	21	0.1%

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

² Rate = (total no. cases / total no. clinic visits) x 100, expressed as a percentage.

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

Table 2.10: Syphilis - Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 2 2006

		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	1	2	1	0	6
		0.0	0.0	0.1	0.1	0.0	0.2	0.5	0.2	0.0	0.1
	Maori	0	0	0	0	1	1	0	0	0	2
		0.0	0.0	0.0	0.0	1.4	2.5	0.0	0.0	-	0.4
	Other	0	1	0	1	0	1	1	1	0	5
		0.0	2.9	0.0	0.6	0.0	0.9	1.6	1.5	0.0	0.7
Total		0	1	1	2	1	3	3	2	0	13
		0.0	0.2	0.1	0.2	0.1	0.4	0.6	0.3	0.0	0.2
Females	Maori	0	0	0	1	0	0	0	1	0	2
		0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.4	0.0	0.1
	Pacific Peoples	0	1	1	1	1	0	0	0	0	4
		0.0	1.4	1.1	1.5	4.2	0.0	0.0	0.0	-	1.4
	Other	0	0	0	0	0	0	2	0	0	2
		0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	-	0.4
Total		0	1	1	2	1	0	2	1	0	8
		0.0	0.1	0.2	0.4	0.4	0.0	1.8	0.9	0.0	0.3

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

NSU (Males Only)

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

Quarter 2

<u>Total Clinic Visits for males¹</u>			<u>2005</u>		<u>2006</u>	
<u>2005</u>	<u>2006</u>	<u>Clinic</u>	<u>Total</u>		<u>Total</u>	
			<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
104	107	Whangarei	0	0.0%	0	0.0%
14	10	Dargaville	0	0.0%	0	0.0%
1	4	Kaikohe	0	0.0%	0	0.0%
3096	3054	Auckland	85	2.7%	77	2.5%
3215	3175	North	85	2.6%	77	2.4%
691	718	Hamilton	5	0.7%	9	1.3%
315	371	Tauranga	10	3.2%	16	4.3%
21	121	Rotorua	0	0.0%	1	0.8%
28	51	Whakatane	0	0.0%	4	7.8%
47	58	Taupo	0	0.0%	1	1.7%
243	265	New Plymouth	12	4.9%	13	4.9%
66	85	Gisborne	0	0.0%	0	0.0%
1411	1669	Midland	27	1.9%	44	2.6%
59	54	Napier	0	0.0%	0	0.0%
25	32	Hastings	0	0.0%	0	0.0%
127	73	Wanganui	3	2.4%	3	4.1%
414	387	Palmerston North/Levin/Dannevirke	30	7.2%	26	6.7%
1069	1223	Wellington	4	0.4%	4	0.3%
75	106	Lower Hutt	3	4.0%	0	0.0%
57	57	Porirua	1	1.8%	0	0.0%
145	236	Nelson	0	0.0%	3	1.3%
67	97	Wairau (Blenheim)	0	0.0%	0	0.0%
2038	2265	Central	41	2.0%	36	1.6%
42	41	Greymouth	0	0.0%	0	0.0%
17	62	Westport/Buller	2	11.8%	0	0.0%
1223	1189	Christchurch	18	1.5%	22	1.9%
9	4	Ashburton	0	0.0%	0	0.0%
87	73	Timaru	0	0.0%	0	0.0%
273	346	Dunedin	1	0.4%	3	0.9%
265	254	Invercargill/Gore	6	2.3%	5	2.0%
1916	1969	South	27	1.4%	30	1.5%
8580	9078	Total	180	2.1%	187	2.1%

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

² Rate = (total no. cases / total no. clinic visits for males) x 100, expressed as a percentage.

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

Table 2.12: NSU (Males only)- Cases¹ and Rates² by Age, Sex and Ethnicity at SHCs

Quarter 2 2006

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	11	45	25	17	19	13	18	0	148
		0.0	2.0	2.7	2.1	1.9	2.5	2.5	2.2	0.0	2.3
	Maori	1	3	2	6	4	1	0	3	0	20
		16.7	1.2	0.5	2.4	2.4	0.9	0.0	4.3	-	1.6
	Pacific Peoples	0	1	1	2	2	2	0	0	0	8
		0.0	3.7	1.3	1.9	4.7	4.7	0.0	0.0	-	2.3
	Other	0	1	3	2	0	2	1	1	0	10
		0.0	2.3	1.4	0.9	0.0	1.3	1.3	1.0	0.0	1.0
	Unknown	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	-	1.6
	Total	1	16	52	35	23	24	14	22	0	187
		9.1	1.8	2.2	2.0	1.9	2.2	2.1	2.1	0.0	2.1

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Family Planning Clinic (FPC) Data

Chlamydia

Table 3.1: Chlamydia - Cases¹ and Rates² by Age, Sex and Ethnicity at FPCs

Quarter 2 2006

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	32	54	10	1	1	0	0	98
		0.0	7.5	11.6	6.9	1.0	0.8	0.0	0.0	6.5
	Maori	0	8	9	4	0	1	0	0	22
		0.0	18.2	21.4	23.5	0.0	10.0	0.0	0.0	15.9
	Pacific Peoples	0	4	7	3	2	1	1	0	19
		0.0	15.4	31.8	33.3	20.0	16.7	50.0	100.0	21.6
	Other	0	7	8	5	0	1	0	0	21
		0.0	10.3	12.7	17.9	0.0	5.9	0.0	0.0	9.3
	Unknown	0	6	5	1	0	0	0	0	12
		0.0	20.0	13.2	7.7	0.0	0.0	0.0	0.0	12.0
Total		0	57	83	23	3	4	1	1	172
		0.0	9.5	13.2	10.8	2.2	2.3	0.8	0.8	8.4
Females	European/Pakeha	3	210	177	26	9	8	4	0	437
		0.5	2.0	2.0	0.8	0.4	0.5	0.4	0.0	1.5
	Maori	1	76	31	10	3	2	0	1	124
		0.5	4.8	3.4	3.2	1.4	1.2	0.0	2.4	3.5
	Pacific Peoples	1	32	14	5	2	0	1	1	56
		3.1	5.5	2.9	2.3	1.8	0.0	3.4	4.2	3.6
	Other	4	48	33	9	1	0	1	0	96
		3.0	2.5	1.8	1.2	0.2	0.0	0.4	0.0	1.6
	Unknown	0	14	13	1	0	0	0	2	30
		0.0	2.7	3.0	0.5	0.0	0.0	0.0	3.0	1.6
Total		9	380	268	51	15	10	6	2	743
		0.9	2.5	2.1	1.1	0.5	0.4	0.4	0.1	1.8

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Gonorrhoea

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

Quarter 2 2006

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	5	1	0	0	0	0	0	6
		0.0	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.6
	Maori	0	0	4	1	0	0	0	0	5
		0.0	0.0	9.5	5.9	0.0	0.0	0.0	0.0	3.6
	Pacific Peoples	0	1	0	0	0	0	0	0	1
		0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	2.9
	Other	0	1	0	0	0	0	0	0	1
		0.0	4.3	0.0	0.0	0.0	0.0	0.0	-	1.4
	Unknown	0	0	2	0	0	0	0	0	2
		0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	5.9
Total		0	7	7	1	0	0	0	0	15
		0.0	1.9	1.7	0.8	0.0	0.0	0.0	0.0	1.2
Females	European/Pakeha	1	9	4	1	0	0	0	1	16
		0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	Maori	0	2	3	1	0	0	0	0	6
		0.0	0.2	0.5	0.5	0.0	0.0	0.0	0.0	0.3
	Pacific Peoples	0	6	3	0	0	0	0	0	9
		0.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6
	Other	1	4	0	0	0	0	0	0	5
		1.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Unknown	0	0	0	0	0	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.2
Total		2	21	10	2	0	0	0	1	37
		0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.1	0.1

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Genital Herpes (First presentation)

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

Quarter 2 2006

		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	1	0	0	0	3
		0.0	0.0	0.6	0.0	1.3	0.0	0.0	0.0	0.3
	Total	0	0	2	0	1	0	0	0	3
		0.0	0.0	0.6	0.0	1.3	0.0	0.0	0.0	0.3
Females	European/Pakeha	0	10	7	3	2	1	1	0	25
		0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
	Maori	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1
	Pacific Peoples	0	1	0	0	0	0	0	0	1
		0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2
	Other	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
	Unknown	0	1	0	0	0	0	0	1	2
		0.0	0.3	0.0	0.0	0.0	0.0	0.0	2.3	0.2
	Total	0	12	9	3	2	1	1	1	30
		0.0	0.1	0.1	0.1	0.1	0.1	0.1	1.1	0.1

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Genital Warts (First presentation)

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

Quarter 2 2006

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	6	6	6	1	3	1	0	23
		0.0	1.4	1.3	4.1	1.0	2.3	1.0	0.0	1.5
	Maori	0	1	2	1	0	0	0	0	4
		0.0	3.0	7.7	8.3	0.0	0.0	0.0	0.0	4.1
	Pacific Peoples	0	1	0	0	0	0	0	0	1
		0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3
	Other	0	0	1	1	0	0	0	0	2
		0.0	0.0	4.3	7.7	0.0	0.0	0.0	-	2.2
Females	Unknown	0	1	0	0	0	0	0	0	1
		0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
	Total	0	9	9	8	1	3	1	0	31
		0.0	1.7	1.7	4.5	0.9	2.0	0.9	0.0	1.8
	European/Pakeha	0	36	38	7	4	2	0	0	87
		0.0	0.3	0.4	0.2	0.2	0.1	0.0	0.0	0.3
	Maori	0	9	3	0	1	0	0	0	13
		0.0	0.6	0.3	0.0	0.5	0.0	0.0	0.0	0.4
Females	Pacific Peoples	0	3	1	0	0	0	0	0	4
		0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.3
	Other	0	4	3	1	2	0	0	0	10
		0.0	0.2	0.2	0.1	0.4	0.0	0.0	0.0	0.2
	Unknown	0	2	1	0	0	0	0	0	3
		0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.2
	Total	0	54	46	8	7	2	0	0	117
		0.0	0.4	0.4	0.2	0.2	0.1	0.0	0.0	0.3

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Student & Youth Health Clinic (SYHC) Data

Chlamydia

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

Quarter 2 2006

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	10	9	2	0	0	0	0	0	21
		0.0	0.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.4
	Maori	1	3	4	2	0	0	0	0	0	10
		5.0	2.9	1.8	2.4	0.0	0.0	0.0	0.0	0.0	1.5
	Pacific Peoples	0	1	2	0	0	0	0	0	0	3
		0.0	5.9	2.4	0.0	0.0	0.0	0.0	0.0	-	1.1
	Other	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	1	3	1	0	0	0	0	0	5
		0.0	14.3	8.8	20.0	0.0	0.0	0.0	0.0	0.0	0.1
Total		1	15	19	5	0	0	0	0	0	40
		1.8	1.2	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.3
Females	European/Pakeha	0	46	50	8	0	0	0	0	0	104
		0.0	1.1	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.7
	Maori	1	12	12	2	0	0	0	0	0	27
		5.9	2.2	1.5	0.5	0.0	0.0	0.0	0.0	0.0	1.2
	Pacific Peoples	0	1	4	0	0	0	0	0	0	5
		0.0	1.4	2.3	0.0	0.0	0.0	0.0	0.0	-	1.3
	Other	0	2	2	0	0	0	0	0	0	4
		0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	1	3	1	0	0	0	0	0	5
		0.0	10.0	13.6	50.0	0.0	0.0	0.0	0.0	0.0	0.1
Total		1	62	71	11	0	0	0	0	0	145
		0.9	1.2	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.5

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Gonorrhoea

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

Quarter 2 2006

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	0	5	2	0	0	0	0	0	7
		0.0	0.0	0.2	0.3	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	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
	Pacific Peoples	0	0	1	0	0	0	0	0	0	1
		0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	-	0.9
Total		<u>0</u>	<u>2</u>	<u>6</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>10</u>
		<u>0.0</u>	<u>0.2</u>	<u>0.3</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>
Females	European/Pakeha	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	0.0	0.0
	Maori	0	1	0	0	0	0	0	0	0	1
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Total	<u>0</u>	<u>2</u>	<u>3</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>5</u>
		<u>0.0</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Genital Herpes (First presentation)

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

Quarter 2 2006

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	2	1	0	0	0	0	0	3
		0.0	0.3	0.1	0.0	0.0	0.0	0.0	-	0.1
	Other	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	-	0.1
	Total	0	2	2	0	0	0	0	0	4
		0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Females	European/Pakeha	0	2	1	2	0	0	0	0	5
		0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
	Maori	0	1	0	0	0	0	0	0	1
		0.0	0.5	0.0	0.0	0.0	0.0	0.0	-	0.1
	Other	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.2	0.0	0.0	0.0	0.0	-	0.1
	Unknown	0	0	0	0	0	0	0	1	1
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0
	Total	0	3	2	2	0	0	0	1	8
		0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2	0.0

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Genital Warts (first presentation)

Table 4.4: Genital Warts – Cases¹ and Rates² by Age, Sex and Ethnicity at SYHCs

Quarter 2 2006

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	2	4	0	0	0	0	0	6
		0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	2	3	0	0	0	0	0	5
		0.0	1.9	1.4	0.0	0.0	0.0	0.0	0.0	0.8
	Other	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
	Unknown	0	0	1	0	0	0	0	0	1
Females		0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	4	9	0	0	0	0	0	13
		0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2
	European/Pakeha	1	9	15	0	0	0	0	0	25
		1.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	2	1	0	0	0	0	0	3
		0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Other	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Total	1	11	17	0	0	0	0	0	29
		1.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.2

¹ For Chlamydia and Gonorrhoea, cases = no. confirmed cases + no. probable cases

² Rate = (total number of cases / total number of visits) x 100, expressed as a percentage

Appendix: STI Surveillance Case Definitions

Chlamydia	<p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> in a clinical specimen. Cases should be classified as:</p> <ol style="list-style-type: none"> 1. uncomplicated infection of the lower anogenital* tract * Includes urogenital and anorectal infection. 2. PID (pelvic inflammatory disease) or epididymitis 3. infection of another site (eg, eye or pharynx) <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> • symptomatic, and • a contact of a confirmed case, and • non-laboratory confirmed (test negative or test not done).
Gonorrhoea	<p><i>Confirmed</i> Laboratory isolation of <i>Neisseria gonorrhoeae</i> from a clinical specimen. Cases should be classified as:</p> <ol style="list-style-type: none"> 1. uncomplicated infection of one or both of the following: <ol style="list-style-type: none"> a) urogenital tract b) anorectal area (proctitis) 2. PID (pelvic inflammatory disease) or epididymitis 3. extra-genital infection of one or both of the following: <ol style="list-style-type: none"> a) pharynx b) other site not listed <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> • symptomatic, and • a contact of a confirmed case, and • non-laboratory confirmed (test negative or test not done).
Anogenital Herpes	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>