

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

April to June 2008

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>

Contents

INTRODUCTION.....	1
METHODS.....	1
OVERVIEW	2
ALL CLINIC DATA.....	3
<i>Table 1.1: Summary – Cases and Clinic Visit Rates by Disease and Clinic Type</i>	<i>3</i>
<i>Table 1.2: Summary - Chlamydia Site of Infection.....</i>	<i>4</i>
<i>Table 1.3: Summary - Gonorrhoea Site of Infection</i>	<i>4</i>
SEXUAL HEALTH CLINIC (SHC) DATA.....	5
CHLAMYDIA	5
<i>Table 2.1: Chlamydia - Cases and Clinic Visit Rates by SHC</i>	<i>5</i>
<i>Table 2.2: Chlamydia - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs</i>	<i>6</i>
GONORRHOEA	7
<i>Table 2.3: Gonorrhoea – Cases and Clinic Visit Rates by SHC</i>	<i>7</i>
<i>Table 2.4: Gonorrhoea - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs</i>	<i>8</i>
GENITAL HERPES (FIRST PRESENTATION).....	9
<i>Table 2.5: Genital Herpes – Cases and Clinic Visit Rates by SHC</i>	<i>9</i>
<i>Table 2.6: Genital Herpes - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs</i>	<i>10</i>
GENITAL WARTS (FIRST PRESENTATION)	11
<i>Table 2.7: Genital Warts – Cases and Clinic Visit Rates by SHC</i>	<i>11</i>
<i>Table 2.8: Genital Warts - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs</i>	<i>12</i>
SYPHILIS.....	13
<i>Table 2.9: Syphilis – Cases and Clinic Visit Rates by SHC</i>	<i>13</i>
<i>Table 2.10: Syphilis - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SHCs</i>	<i>14</i>
NSU (MALES ONLY).....	15
<i>Table 2.11: NSU (Males Only) – Cases and Clinic Visit Rates by SHC</i>	<i>15</i>
<i>Table 2.12: NSU (Males only) - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs</i>	<i>16</i>
FAMILY PLANNING CLINIC (FPC) DATA.....	17
CHLAMYDIA	17
<i>Table 3.1: Chlamydia - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs</i>	<i>17</i>
GONORRHOEA	18
<i>Table 3.2: Gonorrhoea - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs</i>	<i>18</i>
GENITAL HERPES (FIRST PRESENTATION).....	19
<i>Table 3.3: Genital Herpes - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs</i>	<i>19</i>
GENITAL WARTS (FIRST PRESENTATION)	20
<i>Table 3.4: Genital Warts - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at FPCs</i>	<i>20</i>
STUDENT & YOUTH HEALTH CLINIC (SYHC) DATA	21
CHLAMYDIA	21
<i>Table 4.1: Chlamydia - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs</i>	<i>21</i>
GONORRHOEA	22
<i>Table 4.2: Gonorrhoea - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs</i>	<i>22</i>
GENITAL HERPES (FIRST PRESENTATION).....	23
<i>Table 4.3: Genital Herpes - Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs</i>	<i>23</i>
GENITAL WARTS (FIRST PRESENTATION).....	24
<i>Table 4.4: Genital Warts – Cases and Clinic Visit Rates by Age, Sex and Ethnicity at SYHCs</i>	<i>24</i>
APPENDIX: STI SURVEILLANCE CASE DEFINITIONS	25

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 18 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 8th September 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, 25 clinics provided STI data by the date requested for all three months in the second quarter (April to June) 2008.

FPCs

Thirty-six FPCs participate in STI surveillance. All 36 clinics provided STI data by the date required for all three months in the second quarter (April to June) 2008. FPCs include some outreach clinics based in schools or tertiary institutions, which may have been closed during school holidays.

SYHCs

Eighteen SYHCs participate in STI surveillance. Of these, 16 clinics provided STI data by the date required for all three months in the second quarter (April to June) 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 19 247 visits. A total of 1 099 cases of chlamydia, 199 cases of gonorrhoea, 183 cases of genital herpes, 922 cases of genital warts, 15 cases of syphilis and 126 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 47 684 visits. A total of 924 cases of chlamydia, 57 cases of gonorrhoea, 33 cases of genital herpes, 139 cases of genital warts and 2 cases of NSU in males were reported. There were no cases of syphilis reported in this quarter. STI rates and comparisons with the equivalent quarter in 2007 are shown in Table 1.

Student & Youth Health Clinics (SYHCs)

During the current quarter, SYHCs reported 58 036 visits. A total of 279 cases of chlamydia, 10 cases of gonorrhoea, 21 cases of genital herpes, 79 cases of genital warts and 3 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 April to June 2008, compared to the equivalent quarter of 2007.

Clinical setting	STI	April to June 2007		April to June 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	1 070	4.7	1 099	5.7	▲
	Gonorrhoea	228	1.0	199	1.0	—
	Genital herpes	184	0.8	183	1.0	▲
	Genital warts	1 003	4.4	922	4.8	▲
	Syphilis	20	0.1	15	0.1	—
	NSU (Males Only)	210	2.2	126	1.6	▼
FPCs	Chlamydia	875	1.9	924	1.9	—
	Gonorrhoea	43	0.1	57	0.1	—
	Genital herpes	45	0.1	33	0.1	—
	Genital warts	148	0.3	139	0.3	—
	Syphilis	2	0.0	0	0.0	—
	NSU (Males Only)	7	0.3	2	0.1	▼
SYHCs	Chlamydia	265	0.4	279	0.5	▲
	Gonorrhoea	17	0.0	10	0.0	—
	Genital herpes	25	0.0	21	0.0	—
	Genital warts	56	0.1	79	0.1	—
	Syphilis	0	0.0	0	0.0	—
	NSU (Males Only)	5	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 2 2008

<u>Clinic Type, by area</u>	<u>Total Clinic</u> <u>Visits¹</u>	<u>Chlamydia</u>	<u>Gonorrhoea</u>	<u>Genital</u> <u>Herpes²</u>	<u>Genital</u> <u>Warts²</u>	<u>Syphilis*</u>
North						
Sexual Health Clinics	No. 5,584	223	50	41	234	7
	Rate ³	4.0%	0.9%	0.7%	4.2%	0.1%
Family Planning Clinics	No. 19,277	307	13	10	40	0
	Rate ³	1.6%	0.1%	0.1%	0.2%	0.0%
Student & Youth Health	No. 9,054	28	3	2	5	0
	Rate ³	0.3%	0.0%	0.0%	0.1%	0.0%
Subtotal North	33,915	558	66	53	279	7
Midland						
Sexual Health Clinics	No. 5,506	468	62	46	260	1
	Rate ³	8.5%	1.1%	0.8%	4.7%	0.0%
Family Planning Clinics	No. 7,014	203	10	5	12	0
	Rate ³	2.9%	0.1%	0.1%	0.2%	0.0%
Student & Youth Health	No. 12,927	30	0	2	12	0
	Rate ³	0.2%	0.0%	0.0%	0.1%	0.0%
Subtotal Midland	25,447	701	72	53	284	1
Central						
Sexual Health Clinics	No. 3,838	173	33	38	213	4
	Rate ³	4.5%	0.9%	1.0%	5.5%	0.1%
Family Planning Clinics	No. 9,685	241	17	13	44	0
	Rate ³	2.5%	0.2%	0.1%	0.5%	0.0%
Student & Youth Health	No. 11,841	118	4	11	15	0
	Rate ³	1.0%	0.0%	0.1%	0.1%	0.0%
Subtotal Central	25,364	532	54	62	272	4
South						
Sexual Health Clinics	No. 4,319	235	54	58	215	3
	Rate ³	5.4%	1.3%	1.3%	5.0%	0.1%
Family Planning Clinics	No. 11,708	173	17	5	43	0
	Rate ³	1.5%	0.1%	0.0%	0.4%	0.0%
Student & Youth Health	No. 24,214	103	3	6	47	0
	Rate ³	0.4%	0.0%	0.0%	0.2%	0.0%
Subtotal South	40,241	511	74	69	305	3
All						
Sexual Health Clinics	No. 19,247	1,099	199	183	922	15
	Rate.	5.7%	1.0%	1.0%	4.8%	0.1%
Family Planning Clinics	No. 47,684	924	57	33	139	0
	Rate.	1.9%	0.1%	0.1%	0.3%	0.0%
Student & Youth Health	No. 58,036	279	10	21	79	0
	Rate.	0.5%	0.0%	0.0%	0.1%	0.0%
Total	No. 124,967	2,302	266	237	1,140	15
	Rate.	1.8%	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 2 2008

	Confirmed						Total ³
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹
Sexual Health Clinics	1068	97.2%	16	1.5%	15	1.4%	1099
Family Planning Clinics	911	98.6%	13	1.4%	0	0.0%	924
Student & Youth Health Clinics	274	98.2%	4	1.4%	1	0.4%	279
Total	2253	97.9%	33	1.4%	16	0.7%	2302

Table 1.3: Summary - Gonorrhoea Site of Infection

Quarter 2 2008

	Confirmed										Total ³ No. ¹
	Uncomplicated infection				PID/ epididymitis		Extra-genital				
	Urogenital		Anorectal				Pharynx		Other site		
	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	No. ¹	% ²	
Sexual Health Clinics	188	94.90%	4	2.00%	4	2.00%	2	1.00%	0	0.00%	198
Family Planning Clinics	56	98.20%	0	0.00%	1	1.80%	0	0.00%	0	0.00%	57
Student & Youth Health Clinic	10	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	10
Total	254	95.80%	4	1.50%	5	1.90%	2	0.80%	0	0.00%	265

¹ No. = no. of diagnoses by site² % = no. of diagnoses by site/total no. of diagnoses by clinic type, x100³ 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.

Sexual Health Clinic (SHC) Data

Chlamydia

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

Quarter 2

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>Rate²</u>	<u>Total</u>	<u>Rate²</u>
			<u>No.</u>		<u>No.</u>	
504	693	Whangarei	26	5.2%	47	6.8%
177	138	Dargaville	4	2.3%	2	1.4%
115	79	Kaikohe	5	4.3%	7	8.9%
7130	4674	Auckland	203	2.8%	167	3.6%
7926	5584	North	238	3.0%	223	4.0%
2798	2199	Hamilton	168	6.0%	143	6.5%
1574	1831	Tauranga	132	8.4%	145	7.9%
308	265	Rotorua	24	7.8%	13	4.9%
175	329	Whakatane	22	12.6%	41	12.5%
178	273	Taupo	6	3.4%	47	17.2%
548	609	New Plymouth	78	14.2%	79	13.0%
746	0	Gisborne	46	6.2%	0	0.0%
6327	5506	Midland	476	7.5%	468	8.5%
453	306	Napier	32	7.1%	47	15.4%
225	141	Hastings	19	8.4%	36	25.5%
274	274	Wanganui	15	5.5%	9	3.3%
922	0	Palmerston North/Levin/Dannevirke	54	5.9%	0	0.0%
1899	2040	Wellington	34	1.8%	52	2.5%
259	212	Lower Hutt	12	4.6%	5	2.4%
110	85	Porirua	6	5.5%	4	4.7%
437	618	Nelson	11	2.5%	14	2.3%
160	162	Wairau (Blenheim)	12	7.5%	6	3.7%
4739	3838	Central	195	4.1%	173	4.5%
113	125	Greymouth	1	0.9%	8	6.4%
135	123	Westport/Buller	7	5.2%	12	9.8%
2159	2357	Christchurch	54	2.5%	90	3.8%
30	32	Ashburton	0	0.0%	2	6.3%
194	197	Timaru	26	13.4%	19	9.6%
831	881	Dunedin	36	4.3%	42	4.8%
487	604	Invercargill/Gore/Wyndham	37	7.6%	62	10.3%
3949	4319	South	161	4.1%	235	5.4%
22941	19247	Total	1070	4.7%	1099	5.7%

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

Quarter 2 2008

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	60	109	46	21	9	4	12	0	262
		33.3	9.9	7.4	4.9	2.8	1.5	1.1	1.6	0.0	4.7
	Maori	2	50	50	20	14	7	3	3	0	149
		28.6	20.7	14.4	12.3	9.5	5.8	5.5	4.8	0.0	13.0
	Pacific Peoples	0	10	13	7	5	4	1	1	0	41
		0.0	35.7	13.3	9.0	8.9	10.8	5.6	5.3	-	12.2
	Other	0	0	6	5	5	4	0	0	0	20
		0.0	0.0	3.9	2.4	3.3	3.8	0.0	0.0	-	2.4
	Unknown	0	1	2	0	0	2	0	0	0	5
		0.0	4.3	4.7	0.0	0.0	6.7	0.0	0.0	-	2.1
Total		3	121	180	78	45	26	8	16	0	477
		25.0	13.0	8.5	5.5	3.9	2.9	1.5	1.6	0.0	5.9
Females	European/Pakeha	9	153	81	32	11	14	1	2	0	303
		10.2	6.4	4.1	3.8	1.6	3.2	0.3	0.5	0.0	4.3
	Maori	11	140	69	30	12	4	1	3	0	270
		13.9	13.5	10.7	8.7	6.8	3.3	1.7	4.3	0.0	10.6
	Pacific Peoples	0	6	14	0	2	0	1	0	0	23
		0.0	7.4	9.3	0.0	4.2	0.0	16.7	0.0	-	5.6
	Other	0	2	2	12	0	0	1	1	0	18
		0.0	1.8	1.1	4.1	0.0	0.0	1.8	1.5	-	2.0
	Unknown	0	5	0	2	1	0	0	0	0	8
		0.0	6.4	0.0	5.9	7.1	0.0	0.0	0.0	-	3.6
Total		20	306	166	76	26	18	4	6	0	622
		11.4	8.3	5.5	4.8	2.6	2.7	1.0	1.0	0.0	5.6

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 2

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
			<u>Total</u>		<u>Total</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
504	693	Whangarei	1	0.2%	7	1.0%
177	138	Dargaville	0	0.0%	0	0.0%
115	79	Kaikohe	0	0.0%	0	0.0%
7130	4674	Auckland	86	1.2%	43	0.9%
7926	5584	North	87	1.1%	50	0.9%
2798	2199	Hamilton	26	0.9%	32	1.5%
1574	1831	Tauranga	15	1.0%	13	0.7%
308	265	Rotorua	3	1.0%	4	1.5%
175	329	Whakatane	2	1.1%	4	1.2%
178	273	Taupo	0	0.0%	4	1.5%
548	609	New Plymouth	9	1.6%	5	0.8%
746	0	Gisborne	7	0.9%	0	0.0%
6327	5506	Midland	62	1.0%	62	1.1%
453	306	Napier	4	0.9%	8	2.6%
225	141	Hastings	3	1.3%	6	4.3%
274	274	Wanganui	5	1.8%	2	0.7%
922	0	Palmerston North/Levin/Dannevirke	14	1.5%	0	0.0%
1899	2040	Wellington	17	0.9%	12	0.6%
259	212	Lower Hutt	1	0.4%	4	1.9%
110	85	Porirua	2	1.8%	1	1.2%
437	618	Nelson	3	0.7%	0	0.0%
160	162	Wairau (Blenheim)	0	0.0%	0	0.0%
4739	3838	Central	49	1.0%	33	0.9%
113	125	Greymouth	1	0.9%	0	0.0%
135	123	Westport/Buller	1	0.7%	0	0.0%
2159	2357	Christchurch	11	0.5%	27	1.1%
30	32	Ashburton	2	6.7%	0	0.0%
194	197	Timaru	1	0.5%	8	4.1%
831	881	Dunedin	4	0.5%	3	0.3%
487	604	Invercargill/Gore/Wyndham	10	2.1%	16	2.6%
3949	4319	South	30	0.8%	54	1.3%
22941	19247	Total	228	1.0%	199	1.0%

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

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

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

Table 2.4: Gonorrhoea - Cases and Clinic Visit Rates¹ by Age, Sex and Ethnicity at SHCs

Quarter 2 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	20	4	5	3	3	4	0	48
		0.0	1.5	1.4	0.4	0.7	0.5	0.8	0.5	0.0	0.9
	Maori	2	17	17	3	7	4	0	0	0	50
		28.6	7.1	4.9	1.9	4.8	3.3	0.0	0.0	0.0	4.4
	Pacific Peoples	0	2	4	1	0	1	1	0	0	9
		0.0	7.1	4.1	1.3	0.0	2.7	5.6	0.0	-	2.7
	Other	0	0	2	4	1	0	1	0	0	8
		0.0	0.0	1.3	1.9	0.7	0.0	1.3	0.0	-	1.0
	Unknown	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	-	1.2
Total		2	28	45	12	13	8	5	4	0	117
		18.2	3.0	2.1	0.8	1.1	0.9	0.9	0.4	0.0	1.5
Females	European/Pakeha	1	19	5	1	0	3	0	0	0	29
		1.1	0.8	0.3	0.1	0.0	0.7	0.0	0.0	0.0	0.4
	Maori	0	22	9	7	2	1	2	1	0	44
		0.0	2.1	1.4	2.0	1.1	0.8	3.4	1.4	0.0	1.7
	Pacific Peoples	0	2	2	0	1	0	0	0	0	5
		0.0	2.5	1.3	0.0	2.1	0.0	0.0	0.0	-	1.2
	Unknown	0	1	1	2	0	0	0	0	0	4
		0.0	1.9	2.2	9.1	0.0	0.0	0.0	0.0	-	2.6
Total		1	44	17	10	3	4	2	1	0	82
		0.6	1.2	0.6	0.8	0.3	0.7	0.6	0.2	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 2

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>		<u>Total</u>	
			<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
504	693	Whangarei	5	1.0%	5	0.7%
177	138	Dargaville	0	0.0%	0	0.0%
115	79	Kaikohe	0	0.0%	0	0.0%
7130	4674	Auckland	45	0.6%	36	0.8%
7926	5584	North	50	0.6%	41	0.7%
2798	2199	Hamilton	22	0.8%	24	1.1%
1574	1831	Tauranga	13	0.8%	10	0.5%
308	265	Rotorua	4	1.3%	3	1.1%
175	329	Whakatane	0	0.0%	0	0.0%
178	273	Taupo	1	0.6%	0	0.0%
548	609	New Plymouth	5	0.9%	9	1.5%
746	0	Gisborne	2	0.3%	0	0.0%
6327	5506	Midland	47	0.7%	46	0.8%
453	306	Napier	3	0.7%	6	2.0%
225	141	Hastings	6	2.7%	4	2.8%
274	274	Wanganui	3	1.1%	3	1.1%
922	0	Palmerston North/Levin/Dannevirke	18	2.0%	0	0.0%
1899	2040	Wellington	9	0.5%	15	0.7%
259	212	Lower Hutt	4	1.5%	0	0.0%
110	85	Porirua	0	0.0%	1	1.2%
437	618	Nelson	6	1.4%	9	1.5%
160	162	Wairau (Blenheim)	2	1.3%	0	0.0%
4739	3838	Central	51	1.1%	38	1.0%
113	125	Greymouth	1	0.9%	1	0.8%
135	123	Westport/Buller	0	0.0%	1	0.8%
2159	2357	Christchurch	11	0.5%	37	1.6%
30	32	Ashburton	0	0.0%	0	0.0%
194	197	Timaru	6	3.1%	3	1.5%
831	881	Dunedin	7	0.8%	8	0.9%
487	604	Invercargill/Gore/Wyndham	11	2.3%	8	1.3%
3949	4319	South	36	0.9%	58	1.3%
22941	19247	Total	184	0.8%	183	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 2 2008

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	5	27	13	9	7	4	7	0	72
		0.0	0.8	1.8	1.4	1.2	1.2	1.1	0.9	0.0	1.3
	Maori	0	2	5	1	3	0	2	0	0	13
		0.0	0.8	1.4	0.6	2.0	0.0	3.6	0.0	0.0	1.1
	Pacific Peoples	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.8
	Other	0	0	1	0	0	0	0	1	0	2
		0.0	0.0	2.4	0.0	0.0	0.0	0.0	3.0	-	0.8
	Unknown	0	0	1	0	1	0	0	0	0	2
		0.0	0.0	10.0	0.0	10.0	0.0	0.0	0.0	-	2.1
	Total	0	7	34	15	13	7	6	8	0	90
		0.0	0.8	1.8	1.2	1.3	0.9	1.3	0.9	0.0	1.3
Females	European/Pakeha	0	16	19	15	3	5	3	6	0	67
		0.0	0.7	1.0	1.8	0.4	1.2	1.0	1.4	0.0	0.9
	Maori	0	2	3	4	1	2	0	1	0	13
		0.0	0.2	0.5	1.2	0.6	1.6	0.0	1.4	0.0	0.5
	Pacific Peoples	0	0	2	0	0	0	0	0	0	2
		0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	-	0.7
	Other	0	1	1	3	1	1	0	1	0	8
		0.0	1.2	0.9	1.6	1.6	2.5	0.0	2.4	-	1.4
	Unknown	0	1	0	1	0	1	0	0	0	3
		0.0	2.0	0.0	3.7	0.0	11.1	0.0	0.0	-	2.0
	Total	0	20	25	23	5	9	3	8	0	93
		0.0	0.6	0.9	1.6	0.5	1.5	0.8	1.4	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 2

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>	<u>No.</u>	<u>Rate²</u>	<u>Total</u>
504	693	Whangarei	39	7.7%	24	3.5%
177	138	Dargaville	1	0.6%	1	0.7%
115	79	Kaikohe	0	0.0%	0	0.0%
7130	4674	Auckland	316	4.4%	209	4.5%
7926	5584	North	356	4.5%	234	4.2%
2798	2199	Hamilton	102	3.6%	133	6.0%
1574	1831	Tauranga	66	4.2%	69	3.8%
308	265	Rotorua	20	6.5%	15	5.7%
175	329	Whakatane	11	6.3%	7	2.1%
178	273	Taupo	2	1.1%	3	1.1%
548	609	New Plymouth	27	4.9%	33	5.4%
746	0	Gisborne	0	0.0%	0	0.0%
6327	5506	Midland	228	3.6%	260	4.7%
453	306	Napier	10	2.2%	19	6.2%
225	141	Hastings	6	2.7%	18	12.8%
274	274	Wanganui	7	2.6%	14	5.1%
922	0	Palmerston North/Levin/Dannevirke	34	3.7%	0	0.0%
1899	2040	Wellington	65	3.4%	74	3.6%
259	212	Lower Hutt	14	5.4%	12	5.7%
110	85	Porirua	8	7.3%	4	4.7%
437	618	Nelson	20	4.6%	33	5.3%
160	162	Wairau (Blenheim)	34	21.3%	39	24.1%
4739	3838	Central	198	4.2%	213	5.5%
113	125	Greymouth	5	4.4%	6	4.8%
135	123	Westport/Buller	3	2.2%	2	1.6%
2159	2357	Christchurch	108	5.0%	106	4.5%
30	32	Ashburton	2	6.7%	3	9.4%
194	197	Timaru	8	4.1%	14	7.1%
831	881	Dunedin	49	5.9%	37	4.2%
487	604	Invercargill/Gore/Wyndham	46	9.4%	47	7.8%
3949	4319	South	221	5.6%	215	5.0%
22941	19247	Total	1003	4.4%	922	4.8%

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 2 2008

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	54	108	51	35	20	12	22	0	303
		33.3	8.9	7.3	5.4	4.6	3.3	3.2	2.9	0.0	5.5
	Maori	0	24	29	9	4	5	2	2	0	75
		0.0	10.0	8.4	5.6	2.7	4.1	3.6	3.2	0.0	6.6
	Pacific Peoples	0	4	11	1	1	3	1	0	0	21
		0.0	14.3	11.2	1.3	1.8	8.1	5.6	0.0	-	6.3
	Other	0	1	7	7	4	3	2	2	0	26
		0.0	2.8	4.5	3.4	2.6	2.9	2.6	2.0	-	3.1
	Unknown	0	1	2	2	1	0	0	1	0	7
		0.0	4.3	4.7	5.1	4.2	0.0	0.0	1.6	-	2.9
Total		1	84	157	70	45	31	17	27	0	432
		8.3	9.0	7.4	4.9	3.9	3.5	3.1	2.7	0.0	5.3
Females	European/Pakeha	5	165	96	25	9	9	7	10	0	326
		5.7	7.0	4.9	3.0	1.3	2.1	2.4	2.4	0.0	4.6
	Maori	0	56	37	6	7	2	2	1	0	111
		0.0	5.4	5.7	1.7	4.0	1.6	3.4	1.4	0.0	4.4
	Pacific Peoples	0	4	6	5	1	1	1	0	0	18
		0.0	4.9	4.0	8.1	2.1	7.1	16.7	0.0	-	4.4
	Other	0	4	8	9	2	1	1	2	0	27
		0.0	3.5	4.3	3.0	2.0	1.1	1.8	3.0	-	3.0
	Unknown	0	2	3	1	0	0	1	1	0	8
		0.0	2.6	4.8	2.9	0.0	0.0	11.1	10.0	-	3.6
Total		5	231	150	46	19	13	12	14	0	490
		2.8	6.3	5.0	2.9	1.9	1.9	2.9	2.3	0.0	4.4

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 2

<u>Total Clinic Visits¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</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>
504	693	Whangarei	0	0.0%	1	0.1%
177	138	Dargaville	0	0.0%	0	0.0%
115	79	Kaikohe	0	0.0%	0	0.0%
7130	4674	Auckland	15	0.2%	6	0.1%
7926	5584	North	15	0.2%	7	0.1%
2798	2199	Hamilton	2	0.1%	0	0.0%
1574	1831	Tauranga	0	0.0%	1	0.1%
308	265	Rotorua	0	0.0%	0	0.0%
175	329	Whakatane	0	0.0%	0	0.0%
178	273	Taupo	0	0.0%	0	0.0%
548	609	New Plymouth	0	0.0%	0	0.0%
746	0	Gisborne	0	0.0%	0	0.0%
6327	5506	Midland	2	0.0%	1	0.0%
453	306	Napier	0	0.0%	0	0.0%
225	141	Hastings	0	0.0%	0	0.0%
274	274	Wanganui	0	0.0%	0	0.0%
922	0	Palmerston North/Levin/Dannevirke	0	0.0%	0	0.0%
1899	2040	Wellington	3	0.2%	2	0.1%
259	212	Lower Hutt	0	0.0%	2	0.9%
110	85	Porirua	0	0.0%	0	0.0%
437	618	Nelson	0	0.0%	0	0.0%
160	162	Wairau (Blenheim)	0	0.0%	0	0.0%
4739	3838	Central	3	0.1%	4	0.1%
113	125	Greymouth	0	0.0%	0	0.0%
135	123	Westport/Buller	0	0.0%	0	0.0%
2159	2357	Christchurch	0	0.0%	1	0.0%
30	32	Ashburton	0	0.0%	0	0.0%
194	197	Timaru	0	0.0%	0	0.0%
831	881	Dunedin	0	0.0%	2	0.2%
487	604	Invercargill/Gore/Wyndham	0	0.0%	0	0.0%
3949	4319	South	0	0.0%	3	0.1%
22941	19247	Total	20	0.1%	15	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 2 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	0	0	0	1	0	4
		0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.2	0.0	0.1
	Maori	0	0	0	0	2	0	0	0	0	2
		0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.3
	Pacific Peoples	0	0	1	1	0	0	0	0	0	2
		0.0	0.0	2.8	3.7	0.0	0.0	0.0	0.0	-	1.6
	Other	0	0	1	2	0	0	0	0	0	3
Females		0.0	0.0	0.6	1.0	0.0	0.0	0.0	0.0	-	0.4
	Total	0	0	3	5	2	0	0	1	0	11
		0.0	0.0	0.2	0.5	0.2	0.0	0.0	0.1	0.0	0.2
	Maori	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	-	0.1
	Pacific Peoples	0	0	1	0	0	0	0	1	0	2
		0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.9	-	0.7
Females	Other	0	0	0	0	0	1	0	0	0	1
		0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	-	0.3
	Total	0	0	1	1	0	1	0	1	0	4
		0.0	0.0	0.2	0.4	0.0	1.1	0.0	1.3	0.0	0.3

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 2

<u>Total Clinic Visits for males¹</u>			<u>2007</u>		<u>2008</u>	
<u>2007</u>	<u>2008</u>	<u>Clinic</u>	<u>Total</u>		<u>Total</u>	
			<u>No.</u>	<u>Rate²</u>	<u>No.</u>	<u>Rate²</u>
126	156	Whangarei	0	0.0%	2	1.3%
14	2	Dargaville	0	0.0%	0	0.0%
18	3	Kaikohe	0	0.0%	2	66.7%
3397	2291	Auckland	121	3.6%	53	2.3%
3555	2452	North	121	3.4%	57	2.3%
1018	870	Hamilton	24	2.4%	0	0.0%
384	414	Tauranga	9	2.3%	14	3.4%
112	92	Rotorua	2	1.8%	1	1.1%
47	49	Whakatane	1	2.1%	0	0.0%
47	83	Taupo	1	2.1%	0	0.0%
238	255	New Plymouth	15	6.3%	16	6.3%
86	0	Gisborne	0	0.0%	0	0.0%
1932	1763	Midland	52	2.7%	31	1.8%
103	62	Napier	0	0.0%	0	0.0%
29	23	Hastings	0	0.0%	0	0.0%
100	98	Wanganui	1	1.0%	0	0.0%
395	0	Palmerston North/Levin/Dannevirke	12	3.0%	0	0.0%
1027	1106	Wellington	0	0.0%	11	1.0%
111	103	Lower Hutt	0	0.0%	1	1.0%
55	40	Porirua	0	0.0%	0	0.0%
198	264	Nelson	7	3.5%	2	0.8%
115	106	Wairau (Blenheim)	0	0.0%	0	0.0%
2133	1802	Central	20	0.9%	14	0.8%
34	47	Greymouth	0	0.0%	0	0.0%
28	50	Westport/Buller	0	0.0%	0	0.0%
1134	1281	Christchurch	12	1.1%	16	1.2%
12	20	Ashburton	0	0.0%	0	0.0%
93	105	Timaru	0	0.0%	0	0.0%
277	311	Dunedin	1	0.4%	1	0.3%
253	264	Invercargill/Gore/Wyndham	4	1.6%	7	2.7%
1831	2078	South	17	0.9%	24	1.2%
9451	8095	Total	210	2.2%	126	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 2 2008

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	5	21	15	14	14	8	13	0	90
		0.0	0.8	1.4	1.6	1.8	2.3	2.1	1.7	0.0	1.6
	Maori	0	2	8	4	0	2	0	2	0	18
		0.0	0.8	2.3	2.5	0.0	1.7	0.0	3.2	0.0	1.6
	Pacific Peoples	0	0	0	0	1	1	0	0	0	2
		0.0	0.0	0.0	0.0	2.8	5.6	0.0	0.0	-	0.9
	Other	0	0	3	2	2	1	3	2	0	13
		0.0	0.0	1.9	1.0	1.3	1.0	3.9	2.0	-	1.6
	Unknown	0	1	1	0	0	1	0	0	0	3
		0.0	5.6	3.6	0.0	0.0	5.6	0.0	0.0	-	1.7
Total		0	8	33	21	17	19	11	17	0	126
		0.0	0.9	1.6	1.5	1.5	2.2	2.1	1.7	0.0	1.6

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 2 2008

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	27	21	9	2	0	0	0	0	59
		0.0	5.9	4.3	4.7	1.5	0.0	0.0	0.0	0.0	3.6
	Maori	1	9	8	0	0	1	0	0	0	19
		2.8	9.7	14.5	0.0	0.0	10.0	0.0	0.0	-	8.0
	Pacific Peoples	0	3	3	0	1	0	0	0	0	7
		0.0	7.1	12.5	0.0	12.5	0.0	0.0	0.0	-	7.1
	Other	0	8	6	6	2	0	0	0	0	22
		0.0	8.2	6.3	15.8	6.7	0.0	0.0	0.0	-	6.6
	Unknown	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
Total		1	47	41	15	5	1	0	0	0	110
		0.7	6.5	5.9	5.7	2.5	0.5	0.0	0.0	0.0	4.5
Females	European/Pakeha	7	235	130	23	8	1	3	1	0	408
		1.3	2.2	1.5	0.6	0.3	0.1	0.3	0.1	0.0	1.3
	Maori	7	106	43	13	4	0	0	0	0	173
		2.8	5.9	4.3	3.0	1.5	0.0	0.0	0.0	0.0	4.2
	Pacific Peoples	3	39	19	9	5	1	0	0	0	76
		6.3	5.2	3.8	3.6	4.3	0.9	0.0	0.0	-	4.1
	Other	0	71	40	14	6	3	2	0	0	136
		0.0	3.1	2.2	1.4	0.8	0.6	0.6	0.0	0.0	1.9
	Unknown	1	10	7	1	2	0	0	0	0	21
		1.7	1.8	2.5	0.5	1.1	0.0	0.0	0.0	0.0	1.3
Total		18	461	239	60	25	5	5	1	0	814
		1.7	2.9	1.9	1.1	0.7	0.2	0.3	0.0	0.0	1.8

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 2 2008

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	1	2	0	0	0	0	0	3
		0.0	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	3	0	1	0	0	0	0	4
		0.0	3.2	0.0	4.0	0.0	0.0	0.0	-	1.7
	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	-	4.0
Total		0	5	2	1	0	0	0	0	8
		0.0	1.3	0.5	0.7	0.0	0.0	0.0	0.0	0.6
Females	European/Pakeha	1	8	5	1	3	0	0	0	18
		0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.1
	Maori	0	11	3	1	0	0	0	0	15
		0.0	0.6	0.3	0.2	0.0	0.0	0.0	0.0	0.4
	Pacific Peoples	0	3	1	0	0	0	0	0	4
		0.0	0.6	0.3	0.0	0.0	0.0	0.0	-	0.3
	Other	0	7	1	0	0	0	0	0	8
		0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.2
Total	Unknown	0	2	2	0	0	0	0	0	4
		0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.0	0.4
		1	31	12	2	3	0	0	0	49
		0.1	0.2	0.1	0.0	0.1	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 2 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	0	1	0	0	0	0	2
		0.0	0.0	0.6	0.0	1.8	0.0	0.0	0.0	0.0	0.4
	Maori	0	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	-	1.3
	Other	0	1	0	0	0	0	0	0	0	1
		0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.8
Total		0	1	1	1	1	0	0	0	0	4
		0.0	0.5	0.5	1.2	1.4	0.0	0.0	0.0	0.0	0.5
Females	European/Pakeha	0	11	5	3	3	0	1	0	0	23
		0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1
	Maori	0	2	0	0	0	0	0	0	0	2
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Other	0	1	1	0	0	0	1	0	0	3
		0.0	0.1	0.1	0.0	0.0	0.0	0.4	0.0	-	0.1
Total		0	15	6	3	3	0	2	0	0	29
		0.0	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1

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

Genital Warts (First presentation)

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

Quarter 2 2008

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	7	21	2	0	1	0	0	31
		0.0	1.5	4.3	1.1	0.0	0.7	0.0	0.0	1.9
	Maori	0	0	2	1	0	1	0	0	4
		0.0	0.0	5.1	5.3	0.0	12.5	0.0	0.0	2.5
	Pacific Peoples	0	0	1	0	0	0	0	0	1
		0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	2.7
	Other	0	1	2	0	1	0	0	0	4
		0.0	1.0	2.1	0.0	3.3	0.0	0.0	0.0	1.2
Total		0	8	26	3	1	2	0	0	40
		0.0	1.3	4.1	1.2	0.6	1.1	0.0	0.0	1.9
Females	European/Pakeha	3	41	23	3	3	0	0	0	73
		0.5	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.2
	Maori	0	8	2	0	0	0	0	0	10
		0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.2
	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	0.1
	Other	0	6	2	4	0	0	0	0	12
		0.0	0.3	0.1	0.4	0.0	0.0	0.0	0.0	0.2
	Unknown	0	2	0	0	1	0	0	0	3
		0.0	0.5	0.0	0.0	0.9	0.0	0.0	0.0	0.3
Total		3	58	27	7	4	0	0	0	99
		0.3	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.2

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 2 2008

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	1	13	14	2	0	0	0	0	0	30
		2.9	0.8	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.5
	Maori	0	10	6	1	0	0	0	0	0	17
		0.0	9.7	2.0	1.7	0.0	0.0	0.0	0.0	-	2.5
	Pacific Peoples	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	-	1.5
	Other	0	4	7	3	0	0	0	0	0	14
		0.0	2.4	0.9	0.7	0.0	0.0	0.0	0.0	-	0.8
	Unknown	0	4	10	1	0	0	0	0	0	15
		0.0	2.4	1.9	0.5	0.0	0.0	0.0	0.0	0.0	0.2
Total		1	31	38	7	0	0	0	0	0	77
		2.3	1.5	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.4
Females	European/Pakeha	2	59	42	6	1	0	0	0	0	110
		4.3	1.2	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.6
	Maori	4	30	9	1	0	0	0	0	0	44
		57.1	6.4	0.9	0.5	0.0	0.0	0.0	0.0	-	2.0
	Pacific Peoples	0	7	9	1	0	0	0	0	0	17
		0.0	6.5	4.0	1.1	0.0	0.0	0.0	0.0	-	3.3
	Other	0	6	6	0	0	0	0	0	0	12
		0.0	1.4	0.4	0.0	0.0	0.0	0.0	0.0	-	0.4
	Unknown	0	5	12	1	0	1	0	0	0	19
		0.0	1.5	1.7	0.6	0.0	3.2	0.0	0.0	0.0	0.2
Total		6	107	78	9	1	1	0	0	0	202
		9.4	1.7	0.6	0.4	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 2 2008

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	1	1	0	0	0	0	0	2
		0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	Maori	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.4
	Other	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.2
	Unknown	0	0	1	0	0	0	0	0	1
Females		0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	Total	0	1	4	0	0	0	0	0	5
		0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1
	European/Pakeha	0	1	1	0	0	0	0	0	2
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Maori	0	0	1	1	0	0	0	0	2
		0.0	0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.2
Females	Pacific Peoples	0	0	1	0	0	0	0	0	1
		0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.5
	Total	0	1	3	1	0	0	0	0	5
		0.0	0.0	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 Herpes (First presentation)

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

Quarter 2 2008

		Age group (years)							Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44		
Males	European/Pakeha	0	1	0	0	0	0	0	0	1
		0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Unknown	0	0	1	0	0	0	0	0	1
		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Total		<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2</u>
		<u>0.0</u>	<u>0.2</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>
Females	European/Pakeha	0	7	8	1	0	0	0	0	16
		0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1
	Maori	0	2	0	1	0	0	0	0	3
		0.0	0.6	0.0	0.7	0.0	0.0	0.0	0.0	0.2
Total		<u>0</u>	<u>9</u>	<u>8</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>19</u>
		<u>0.0</u>	<u>0.2</u>	<u>0.1</u>	<u>0.1</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.1</u>

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 2 2008

		Age group (years)								Unk	Total
		<15	15-19	20-24	25-29	30-34	35-39	40-44	>44		
Males	European/Pakeha	0	5	11	1	0	0	0	0	0	17
		0.0	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.3
	Maori	0	1	0	0	0	0	0	0	0	1
		0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	-	0.4
	Unknown	0	2	5	1	0	1	0	0	0	9
Females	European/Pakeha	0	16	9	2	0	0	0	0	0	27
		0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
	Maori	0	2	3	1	0	1	1	0	0	8
		0.0	0.4	0.3	0.5	0.0	1.0	1.3	0.0	-	0.4
	Pacific Peoples	0	0	2	0	0	0	0	0	0	2
Total		0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	-	0.6
	Other	0	0	3	0	0	0	0	0	0	3
		0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	-	0.3
	Unknown	0	7	4	1	0	0	0	0	0	12
		0.0	1.6	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.1
Total		0	25	21	4	0	1	1	0	0	52
		0.0	0.4	0.2	0.2	0.0	0.2	0.2	0.0	0.0	0.1

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

Appendix: STI Surveillance Case Definitions

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