

# **STI SURVEILLANCE**

**October – December 2003**

## **Quarterly Report**

Prepared as part of the Ministry of Health  
contract for scientific services

by

STI Surveillance Team

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# Introduction

This STI Surveillance Quarterly Report presents data collected by 24 sexual health clinics, 38 family planning clinics, and 13 student and youth health centres on chlamydia, gonorrhoea, genital herpes (1<sup>st</sup> diagnosis), genital warts (1<sup>st</sup> diagnosis), syphilis and non-specific urethritis in males (NSU) between October and December 2003<sup>1</sup>. It also summarises the laboratory surveillance of chlamydia and gonorrhoea in the Auckland, Waikato and Bay of Plenty regions for the given quarter.

## Summary

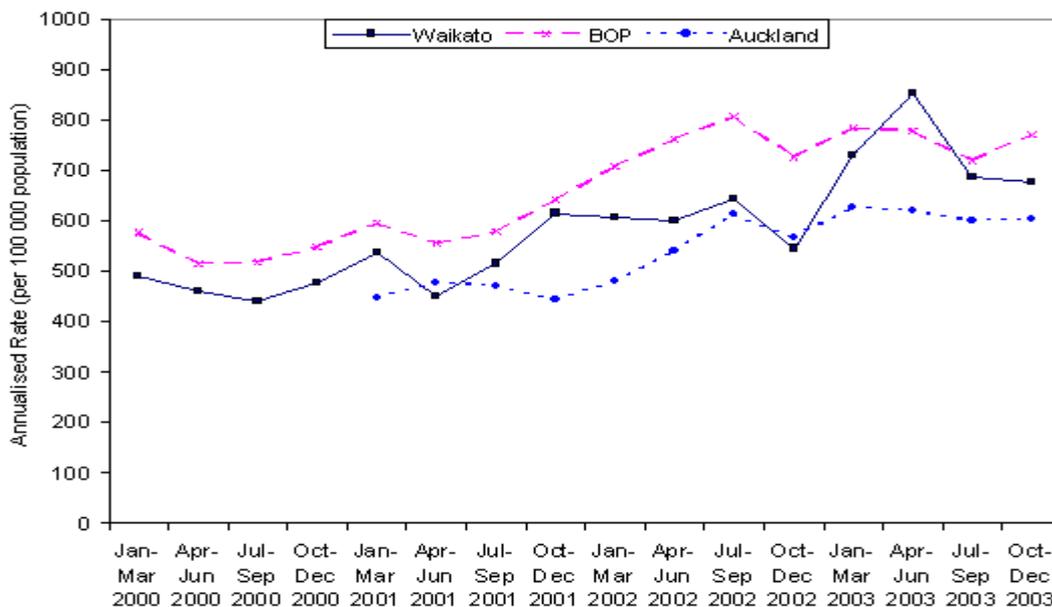
### 1. Laboratory Surveillance

Laboratory surveillance of STIs currently encompasses the surveillance of chlamydia and gonorrhoea in the Auckland, Waikato and Bay of Plenty regions.

#### (a) Chlamydia

In the current quarter, laboratories in Waikato tested 5137 specimens for chlamydia, of which 522 (10.2%) cases were positive. During this same period, laboratories in the Bay of Plenty tested 4563 specimens, of which 529 (11.6%) cases tested positive. In Auckland, laboratories tested 27,275 specimens, of which 1,768 (6.5%) cases tested positive. The following graph shows *annualised* rates of laboratory-reported cases of chlamydia each quarter since January 2000. Laboratories in the Waikato and Bay of Plenty regions reported significantly higher rates than Auckland laboratories in the current quarter.

**Figure 1. Annualised rates of chlamydia reported by region: January 2000 to December 2003**

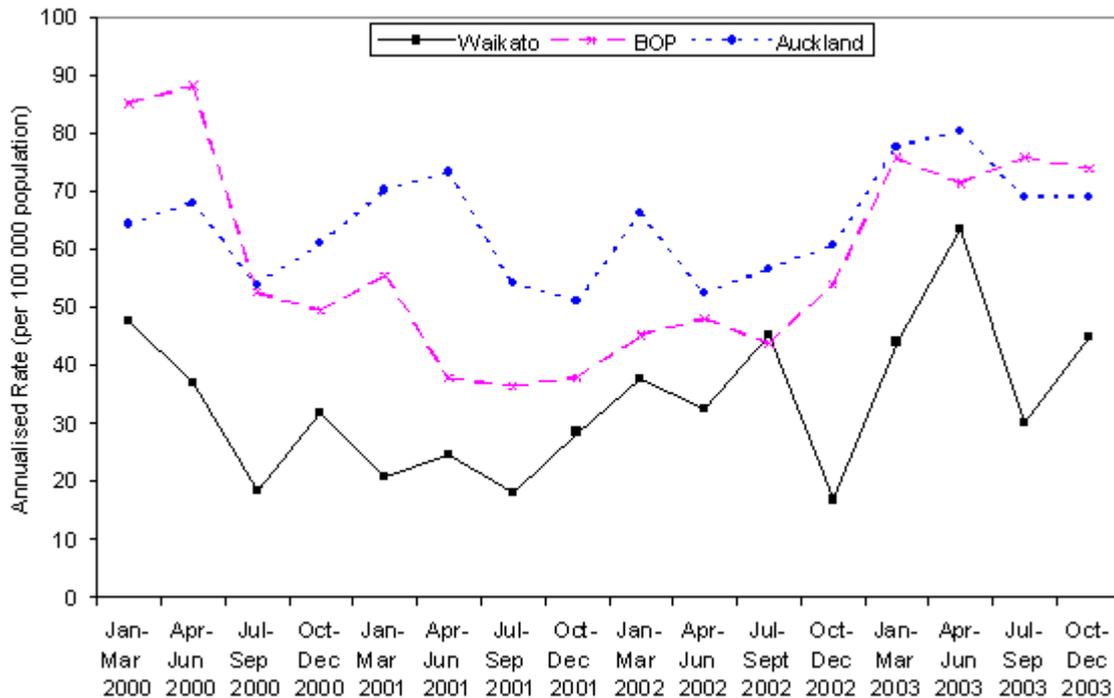


<sup>1</sup> No cases of chancroid, granuloma inguinale (GI) or lymphogranuloma venereum (LGV) were reported during the current quarter.

## (b) Gonorrhoea

For the current period laboratories in the Waikato region reported 35 patients with positive gonorrhoea test results during the current period. In the Bay of Plenty, laboratories reported 51 positive patients and the laboratories in Auckland laboratories reported 201 positive patients. The following graph shows *annualised* rates of laboratory-reported cases of gonorrhoea each quarter since January 2000. In the current quarter, laboratories in the Auckland and Bay of Plenty regions reported significantly higher rates than Waikato laboratories.

Figure 1. Annualised rates of gonorrhoea reported by region: January 2000 to December 2003



## 2. Clinic Surveillance

In 2003, clinic surveillance of STIs currently encompasses 25 sexual health clinics, 42 family planning clinics and 15 student and youth clinics. Data reported for this quarter is only available for 24 sexual health clinics, 38 family planning clinics, and 13 student and youth health centres. It should be noted that rates of STIs among visitors to different clinics are not directly comparable, due to a wide variation in the range of services they provide. Moreover, as STI clinic data may be updated over time, quarterly and annual totals presented in this report should be regarded as provisional only.

### (a) Sexual Health Clinic Data

Between October and December 2003, sexual health clinics<sup>1</sup> reported a total of 1032 cases (confirmed or probable) of chlamydia, 162 cases (confirmed or probable) of gonorrhoea, 184 cases of genital herpes, 888 cases of genital warts, 6 cases of syphilis, and 288 cases of NSU in males. The following table compares the rates of selected STIs in the current quarter with those during the same quarter the previous year.

<sup>1</sup> Not all clinics provided complete data for the current quarter. Readers are therefore cautioned against comparing rates between districts.

STI	Sexual Health Clinic STI rate <sup>1</sup>	
	Oct-Dec 2003	Oct-Dec 2002
Chlamydia <sup>2</sup>	5.8%	5.1%
Gonorrhoea <sup>2</sup>	0.9%	0.8%
Genital herpes	1.0%	0.9%
Genital warts	5.0%	4.5%
Syphilis	0.1%	0.0%
NSU (Males Only)	4.0%	3.3%

<sup>1</sup> Rate = (total number of cases / total number of clinic visits) x 100

<sup>2</sup> Includes both confirmed and probable cases.

### (b) Family Planning Clinic Data

During the current quarter, family planning clinics<sup>1</sup> reported a total of 516 cases of chlamydia, 43 cases of gonorrhoea, 42 cases of genital herpes and 117 cases of genital warts. No cases of syphilis and NSU in males were reported.

In comparison, during same quarter previous year a total of 458 cases of chlamydia, 59 cases of gonorrhoea, 40 cases of genital herpes, 142 cases of genital warts, 1 case of syphilis and 2 cases of NSU in males.

### (c) Student & Youth Clinic Data

During the current quarter, student and youth clinics<sup>1</sup> reported a total of 64 cases of chlamydia 6 cases of gonorrhoea, 3 cases of genital herpes, 22 cases of genital warts, and 7 cases of NSU in males. No cases of syphilis were reported.

In comparison, during same quarter previous year a total of 83 cases of chlamydia, 2 cases of gonorrhoea, 5 cases of genital herpes and 25 cases of genital warts. No cases of syphilis and NSU in males were reported.

<sup>1</sup> Not all clinics provided complete data for the current quarter. Readers are therefore cautioned against comparing rates between districts.

# All Clinic Data

**Table 1.1: Summary – Disease Rate by Clinic Type**

Providers, by Area		Total Clinic Visits <sup>1</sup>	Chlamydia <sup>2</sup>	Gonorrhoea <sup>2</sup>	Herpes	Warts	Syphilis
<b>North</b>							
STD Clinics	No.	5,773	253	81	39	278	3
	Rate		4.4%	1.4%	0.7%	4.8%	0.1%
Family Planning Clinics	No.	21,423	239	25	14	53	0
	Rate		1.1%	0.1%	0.1%	0.2%	0.0%
Student Health Clinics	No.	9,072	9	0	2	5	0
	Rate		0.1%	0.0%	0.0%	0.1%	0.0%
<b>Subtotal</b>	<b>North</b>	<b>No.</b>	<b>36,268</b>	<b>501</b>	<b>106</b>	<b>55</b>	<b>336</b>
		<b>Rate</b>	<b>1.4%</b>	<b>0.3%</b>	<b>0.2%</b>	<b>0.9%</b>	<b>0.0%</b>
<b>Midland</b>							
STD Clinics	No.	5,819	439	36	60	222	2
	Rate		7.5%	0.6%	1.0%	3.8%	0.0%
Family Planning Clinics	No.	4,912	39	6	0	9	0
	Rate		0.8%	0.1%	0.0%	0.2%	0.0%
Student Health Clinics	No.	6,692	5	3	0	0	0
	Rate		0.1%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal</b>	<b>Midland</b>	<b>No.</b>	<b>17,423</b>	<b>483</b>	<b>45</b>	<b>60</b>	<b>231</b>
		<b>Rate</b>	<b>2.8%</b>	<b>0.3%</b>	<b>0.3%</b>	<b>1.3%</b>	<b>0.0%</b>
<b>Central</b>							
STD Clinics	No.	2,437	202	28	40	211	1
	Rate		8.3%	1.1%	1.6%	8.7%	0.0%
Family Planning Clinics	No.	9,477	160	4	17	30	0
	Rate		1.7%	0.0%	0.2%	0.3%	0.0%
Student Health Clinics	No.	5,347	28	3	1	14	0
	Rate		0.5%	0.1%	0.0%	0.3%	0.0%
<b>Subtotal</b>	<b>Central</b>	<b>No.</b>	<b>17,261</b>	<b>390</b>	<b>35</b>	<b>58</b>	<b>255</b>
		<b>Rate</b>	<b>2.3%</b>	<b>0.2%</b>	<b>0.3%</b>	<b>1.5%</b>	<b>0.0%</b>
<b>South</b>							
STD Clinics	No.	3,866	138	17	45	177	0
	Rate		3.6%	0.4%	1.2%	4.6%	0.0%
Family Planning Clinics	No.	11,582	78	8	11	25	0
	Rate		0.7%	0.1%	0.1%	0.2%	0.0%
Student Health Clinics	No.	9,205	22	0	0	3	0
	Rate		0.2%	0.0%	0.0%	0.0%	0.0%
<b>Subtotal</b>	<b>South</b>	<b>No.</b>	<b>24,653</b>	<b>238</b>	<b>25</b>	<b>56</b>	<b>205</b>
		<b>Rate</b>	<b>1.0%</b>	<b>0.1%</b>	<b>0.2%</b>	<b>0.8%</b>	<b>0.0%</b>
<b>All NZ</b>							
STD Clinics	No.	17,895	1,032	162	184	888	6
	Rate		5.8%	0.9%	1.0%	5.0%	0.0%
Family Planning Clinics	No.	47,394	516	43	42	117	0
	Rate		1.1%	0.1%	0.1%	0.2%	0.0%
Student Health Clinics	No.	30,316	64	6	3	22	0
	Rate		0.2%	0.0%	0.0%	0.1%	0.0%
<b>Total</b>	<b>No.</b>	<b>95,605</b>	<b>1,612</b>	<b>211</b>	<b>229</b>	<b>1,027</b>	<b>6</b>
	<b>Rate</b>		<b>1.7%</b>	<b>0.2%</b>	<b>0.2%</b>	<b>1.1%</b>	<b>0.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> No. (for Gonorrhoea and Chlamydia only) = no. confirmed cases + no. probable cases

Note: “No.” = no. cases with diagnosis as per the STD Surveillance Case Definitions (Appendix A)  
“Rate” = (no. cases with that diagnosis/total no. clinic visits) × 100, expressed as a percentage

**Table 1.2: Summary - Chlamydia Site of Diagnosis**

	Confirmed						Probable		Total <sup>3</sup>
	Uncomplicated, lower anogenital		PID/epididymitis		Other site		No.¹	%²	
	No.¹	%²	No.¹	%²	No.¹	%²	No.¹	%²	
STD Clinics	876	84.9%	25	2.4%	3	0.3%	130	12.6%	1,032
Family Planning Clinics	390	75.6%	11	2.1%	0	0.0%	115	22.3%	516
Student Health Clinics	62	96.9%	0	0.0%	0	0.0%	2	3.1%	64
<b>Total</b>	<b>1,328</b>	<b>82.4%</b>	<b>36</b>	<b>2.2%</b>	<b>3</b>	<b>0.2%</b>	<b>247</b>	<b>15.3%</b>	<b>1,612</b>

**Table 1.3: Summary - Gonorrhoea Site of Diagnosis**

	Confirmed										Total <sup>3</sup>		
	Uncomplicated infection				PID/epididymitis		Extra-genital infection					Probable	
	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	%²	
STD Clinics	127	78.4%	9	5.6%	6	3.7%	10	6.2%	0	0.0%	18	11.1%	162
Family Planning Clinics	37	86.0%	0	0.0%	0	0.0%	0	0.0%	1	2.3%	5	11.6%	43
Student Health Clinics	5	83.3%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	6
<b>Total</b>	<b>169</b>	<b>80.0%</b>	<b>9</b>	<b>4.0%</b>	<b>7</b>	<b>3.0%</b>	<b>10</b>	<b>5.0%</b>	<b>1</b>	<b>0.0%</b>	<b>23</b>	<b>11.0%</b>	<b>211</b>

<sup>1</sup> No. = no. cases with diagnosis

<sup>2</sup> % = no. cases with diagnosis/total no. confirmed or probable cases by disease

<sup>3</sup> 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 Data

## Chlamydia

**Table 2.1: Chlamydia - Disease rates by STD Clinics**

Total Clinic Visits <sup>1</sup>			2002			2003		
2002	2003	Clinic	No. Confirmed	Total No. <sup>3</sup>	Rate <sup>2</sup>	No. Confirmed	Total No. <sup>3</sup>	Rate <sup>2</sup>
302	97	Whangarei	31	31	10.3%	8	8	8.2%
5,963	5,676	Auckland	198	226	3.8%	220	245	4.3%
<b>6,265</b>	<b>5,773</b>	<b>North</b>	<b>229</b>	<b>257</b>	<b>4.1%</b>	<b>228</b>	<b>253</b>	<b>4.4%</b>
2,206	2,129	Hamilton	125	135	6.1%	164	168	7.9%
1,574	2,079	Tauranga	90	94	6.0%	109	113	5.4%
352	95	Rotorua	28	42	11.9%	15	21	22.1%
247	215	Whakatane	24	24	9.7%	14	14	6.5%
190	59	Taupo	18	23	12.1%	4	4	6.8%
591	520	New Plymouth	53	67	11.3%	63	83	16.0%
836	722	Gisborne	36	36	4.3%	36	36	5.0%
<b>5,996</b>	<b>5,819</b>	<b>Midland</b>	<b>374</b>	<b>421</b>	<b>7.0%</b>	<b>405</b>	<b>439</b>	<b>7.5%</b>
341	218	Napier	33	40	11.7%	24	24	11.0%
154	80	Hastings	22	26	16.9%	7	7	8.8%
248	214	Wanganui	10	11	4.4%	19	19	8.9%
812	1,015	Palmerston North/Levin	34	47	5.8%	40	65	6.4%
281	285	Wairarapa	7	8	2.8%	8	12	4.2%
2,160	96	Wellington	59	83	3.8%	40	48	50.0%
243	67	Lower Hutt	6	9	3.7%	3	6	9.0%
175	143	Porirua	6	10	5.7%	10	14	9.8%
353	319	Nelson	20	20	5.7%	7	7	2.2%
123	0	Blenheim	4	5	4.1%	0	0	0.0%
<b>4,890</b>	<b>2,437</b>	<b>Central</b>	<b>201</b>	<b>259</b>	<b>5.3%</b>	<b>158</b>	<b>202</b>	<b>8.3%</b>
86	91	Greymouth	0	0	0.0%	3	3	3.3%
2,211	2,284	Christchurch	43	57	2.6%	36	50	2.2%
63	34	Ashburton	5	6	9.5%	1	1	2.9%
124	141	Timaru	8	8	6.5%	7	7	5.0%
780	888	Dunedin	15	19	2.4%	32	34	3.8%
461	428	Invercargill/Gore	29	37	8.0%	32	43	10.0%
<b>3,725</b>	<b>3,866</b>	<b>South</b>	<b>100</b>	<b>127</b>	<b>3.4%</b>	<b>111</b>	<b>138</b>	<b>3.6%</b>
<b>20,876</b>	<b>17,895</b>	<b>Total</b>	<b>904</b>	<b>1,064</b>	<b>5.1%</b>	<b>902</b>	<b>1,032</b>	<b>5.8%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

<sup>3</sup> Total No. = no. confirmed cases + no. probable cases

Note: People seek treatment for STDs 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 - Disease rates by Age & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>			<u>Female</u>			<u>Total</u>		
<u>Male</u>	<u>Female</u>	<u>AgeGroup</u>	<u>No. Confirmed</u>	<u>Total No. <sup>2</sup></u>	<u>Rate<sup>3</sup></u>	<u>No. Confirmed</u>	<u>Total No. <sup>2</sup></u>	<u>Rate<sup>3</sup></u>	<u>No. Confirmed</u>	<u>Total No. <sup>2</sup></u>	<u>Rate<sup>3</sup></u>
18	219	<15	0	0	0.0%	15	15	6.8%	15	15	6.3%
758	3,576	15-19	81	92	12.1%	230	245	6.9%	311	337	7.8%
2,007	2,957	20-24	165	202	10.1%	154	175	5.9%	319	377	7.6%
1,370	1,475	25-29	89	109	8.0%	50	56	3.8%	139	165	5.8%
1,034	964	30-34	42	49	4.7%	22	23	2.4%	64	72	3.6%
726	601	35-39	14	20	2.8%	13	13	2.2%	27	33	2.5%
496	459	40-44	8	10	2.0%	4	6	1.3%	12	16	1.7%
745	403	>44	11	13	1.7%	4	4	1.0%	15	17	1.5%
35	52	Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>410</b>	<b>495</b>	<b>6.9%</b>	<b>492</b>	<b>537</b>	<b>5.0%</b>	<b>902</b>	<b>1,032</b>	<b>5.8%</b>

**Table 2.3: Chlamydia - Disease rates by Ethnicity & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>			<u>Female</u>			<u>Total</u>		
<u>Male</u>	<u>Female</u>	<u>Ethnicity</u>	<u>No. Confirmed</u>	<u>Total No. <sup>2</sup></u>	<u>Rate<sup>3</sup></u>	<u>No. Confirmed</u>	<u>Total No. <sup>2</sup></u>	<u>Rate<sup>3</sup></u>	<u>No. Confirmed</u>	<u>Total No. <sup>2</sup></u>	<u>Rate<sup>3</sup></u>
5,273	7,234	European/Pakeha	242	290	5.5%	256	284	3.9%	498	574	4.6%
864	2,303	Maori	113	136	15.7%	185	194	8.4%	298	330	10.4%
231	323	Pacific Island	31	35	15.2%	26	30	9.3%	57	65	11.7%
640	697	Other	21	29	4.5%	25	29	4.2%	46	58	4.3%
181	149	Unknown	3	5	2.8%	0	0	0.0%	3	5	1.5%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>410</b>	<b>495</b>	<b>6.9%</b>	<b>492</b>	<b>537</b>	<b>5.0%</b>	<b>902</b>	<b>1,032</b>	<b>5.8%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Gonorrhoea

**Table 2.4: Gonorrhoea - Disease rates by STD Clinics**

Total Clinic Visits <sup>1</sup>			2002			2003		
2002	2003	Clinic	No. Confirmed	Total No. <sup>3</sup>	Rate <sup>2</sup>	No. Confirmed	Total No. <sup>3</sup>	Rate <sup>2</sup>
302	97	Whangarei	1	1	0.3%	3	3	3.1%
5,963	5,676	Auckland	61	65	1.1%	74	78	1.4%
<b>6,265</b>	<b>5,773</b>	<b>North</b>	<b>62</b>	<b>66</b>	<b>1.1%</b>	<b>77</b>	<b>81</b>	<b>1.4%</b>
2,206	2,129	Hamilton	9	11	0.5%	10	12	0.6%
1,574	2,079	Tauranga	3	3	0.2%	12	13	0.6%
352	95	Rotorua	0	6	1.7%	0	0	0.0%
247	215	Whakatane	3	3	1.2%	2	3	1.4%
190	59	Taupo	1	5	2.6%	0	2	3.4%
591	520	New Plymouth	7	7	1.2%	2	2	0.4%
836	722	Gisborne	4	4	0.5%	4	4	0.6%
<b>5,996</b>	<b>5,819</b>	<b>Midland</b>	<b>27</b>	<b>39</b>	<b>0.7%</b>	<b>30</b>	<b>36</b>	<b>0.6%</b>
341	218	Napier	1	1	0.3%	3	3	1.4%
154	80	Hastings	3	3	1.9%	1	1	1.3%
248	214	Wanganui	0	0	0.0%	1	2	0.9%
812	1,015	Palmerston North/Levin	3	7	0.9%	5	7	0.7%
281	285	Wairarapa	0	0	0.0%	0	0	0.0%
2,160	96	Wellington	18	18	0.8%	10	10	10.4%
243	67	Lower Hutt	1	1	0.4%	0	0	0.0%
175	143	Porirua	4	4	2.3%	4	4	2.8%
353	319	Nelson	3	4	1.1%	0	1	0.3%
123	0	Blenheim	0	0	0.0%	0	0	0.0%
<b>4,890</b>	<b>2,437</b>	<b>Central</b>	<b>33</b>	<b>38</b>	<b>0.8%</b>	<b>24</b>	<b>28</b>	<b>1.1%</b>
86	91	Greymouth	0	0	0.0%	0	0	0.0%
2,211	2,284	Christchurch	6	7	0.3%	11	15	0.7%
63	34	Ashburton	0	0	0.0%	0	0	0.0%
124	141	Timaru	4	5	4.0%	0	0	0.0%
780	888	Dunedin	0	0	0.0%	0	0	0.0%
461	428	Invercargill/Gore	2	2	0.4%	2	2	0.5%
<b>3,725</b>	<b>3,866</b>	<b>South</b>	<b>12</b>	<b>14</b>	<b>0.4%</b>	<b>13</b>	<b>17</b>	<b>0.4%</b>
<b>20,876</b>	<b>17,895</b>	<b>Total</b>	<b>134</b>	<b>157</b>	<b>0.8%</b>	<b>144</b>	<b>162</b>	<b>0.9%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

<sup>3</sup> Total No. = no. confirmed cases + no. probable cases

Note: People seek treatment for STDs 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 2.5: Gonorrhoea - Disease rates by Age & Sex**

<b>Total Clinic Visits<sup>1</sup></b>			<b>Male</b>			<b>Female</b>			<b>Total</b>		
<b>Male</b>	<b>Female</b>	<b>AgeGroup</b>	<b>No. Confirmed</b>	<b>Total No. <sup>2</sup></b>	<b>Rate<sup>3</sup></b>	<b>No. Confirmed</b>	<b>Total No. <sup>2</sup></b>	<b>Rate<sup>3</sup></b>	<b>No. Confirmed</b>	<b>Total No. <sup>2</sup></b>	<b>Rate<sup>3</sup></b>
18	219	<15	0	0	0.0%	2	2	0.9%	2	2	0.8%
758	3,576	15-19	20	24	3.2%	20	21	0.6%	40	45	1.0%
2,007	2,957	20-24	24	27	1.3%	13	15	0.5%	37	42	0.8%
1,370	1,475	25-29	20	22	1.6%	6	6	0.4%	26	28	1.0%
1,034	964	30-34	8	10	1.0%	6	7	0.7%	14	17	0.9%
726	601	35-39	16	16	2.2%	1	1	0.2%	17	17	1.3%
496	459	40-44	3	3	0.6%	0	1	0.2%	3	4	0.4%
745	403	>44	4	6	0.8%	1	1	0.2%	5	7	0.6%
35	52	Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>95</b>	<b>108</b>	<b>1.5%</b>	<b>49</b>	<b>54</b>	<b>0.5%</b>	<b>144</b>	<b>162</b>	<b>0.9%</b>

**Table 2.6: Gonorrhoea - Disease rates by Ethnicity & Sex**

<b>Total Clinic Visits<sup>1</sup></b>			<b>Male</b>			<b>Female</b>			<b>Total</b>		
<b>Male</b>	<b>Female</b>	<b>Ethnicity</b>	<b>No. Confirmed</b>	<b>Total No. <sup>2</sup></b>	<b>Rate<sup>3</sup></b>	<b>No. Confirmed</b>	<b>Total No. <sup>2</sup></b>	<b>Rate<sup>3</sup></b>	<b>No. Confirmed</b>	<b>Total No. <sup>2</sup></b>	<b>Rate<sup>3</sup></b>
5,273	7,234	European/Pakeha	42	47	0.9%	14	17	0.2%	56	64	0.5%
864	2,303	Maori	26	29	3.4%	27	29	1.3%	53	58	1.8%
231	323	Pacific Island	15	17	7.4%	5	5	1.5%	20	22	4.0%
640	697	Other	9	12	1.9%	3	3	0.4%	12	15	1.1%
181	149	Unknown	3	3	1.7%	0	0	0.0%	3	3	0.9%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>95</b>	<b>108</b>	<b>1.5%</b>	<b>49</b>	<b>54</b>	<b>0.5%</b>	<b>144</b>	<b>162</b>	<b>0.9%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Herpes

**Table 2.7: Herpes - Disease rates by STD Clinics**

Total Clinic Visits <sup>1</sup>			2002		2003	
2002	2003		Total No.	Rate <sup>2</sup>	Total No.	Rate <sup>2</sup>
302	97	Whangarei	3	1.0%	1	1.0%
5,963	5,676	Auckland	48	0.8%	38	0.7%
<b>6,265</b>	<b>5,773</b>	<b>North</b>	<b>51</b>	<b>0.8%</b>	<b>39</b>	<b>0.7%</b>
2,206	2,129	Hamilton	25	1.1%	23	1.1%
1,574	2,079	Tauranga	9	0.6%	22	1.1%
352	95	Rotorua	4	1.1%	0	0.0%
247	215	Whakatane	2	0.8%	0	0.0%
190	59	Taupo	3	1.6%	0	0.0%
591	520	New Plymouth	11	1.9%	15	2.9%
836	722	Gisborne	0	0.0%	0	0.0%
<b>5,996</b>	<b>5,819</b>	<b>Midland</b>	<b>54</b>	<b>0.9%</b>	<b>60</b>	<b>1.0%</b>
341	218	Napier	5	1.5%	7	3.2%
154	80	Hastings	2	1.3%	1	1.3%
248	214	Wanganui	1	0.4%	1	0.5%
812	1,015	Palmerston North/Levin	17	2.1%	9	0.9%
281	285	Wairarapa	0	0.0%	2	0.7%
2,160	96	Wellington	21	1.0%	13	13.5%
243	67	Lower Hutt	1	0.4%	1	1.5%
175	143	Porirua	11	6.3%	0	0.0%
353	319	Nelson	1	0.3%	6	1.9%
123	0	Blenheim	0	0.0%	0	0.0%
<b>4,890</b>	<b>2,437</b>	<b>Central</b>	<b>59</b>	<b>1.2%</b>	<b>40</b>	<b>1.6%</b>
86	91	Greymouth	0	0.0%	2	2.2%
2,211	2,284	Christchurch	12	0.5%	31	1.4%
63	34	Ashburton	1	1.6%	1	2.9%
124	141	Timaru	0	0.0%	1	0.7%
780	888	Dunedin	4	0.5%	5	0.6%
461	428	Invercargill/Gore	10	2.2%	5	1.2%
<b>3,725</b>	<b>3,866</b>	<b>South</b>	<b>27</b>	<b>0.7%</b>	<b>45</b>	<b>1.2%</b>
<b>20,876</b>	<b>17,895</b>	<b>Total</b>	<b>191</b>	<b>0.9%</b>	<b>184</b>	<b>1.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

Note: People seek treatment for STDs 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: Herpes - Disease rates by Age & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>AgeGroup</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
18	219	<15	0	0.0%	1	0.5%	1	0.4%
758	3,576	15-19	3	0.4%	23	0.6%	26	0.6%
2,007	2,957	20-24	15	0.7%	27	0.9%	42	0.8%
1,370	1,475	25-29	21	1.5%	17	1.2%	38	1.3%
1,034	964	30-34	11	1.1%	13	1.3%	24	1.2%
726	601	35-39	15	2.1%	6	1.0%	21	1.6%
496	459	40-44	8	1.6%	10	2.2%	18	1.9%
745	403	>44	4	0.5%	10	2.5%	14	1.2%
35	52	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>77</b>	<b>1.1%</b>	<b>107</b>	<b>1.0%</b>	<b>184</b>	<b>1.0%</b>

**Table 2.9: Herpes - Disease rates by Ethnicity & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>Ethnicity</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
5,273	7,234	European/Pakeha	59	1.1%	79	1.1%	138	1.1%
864	2,303	Maori	9	1.0%	19	0.8%	28	0.9%
231	323	Pacific Island	1	0.4%	1	0.3%	2	0.4%
640	697	Other	8	1.3%	6	0.9%	14	1.0%
181	149	Unknown	0	0.0%	2	1.3%	2	0.6%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>77</b>	<b>1.1%</b>	<b>107</b>	<b>1.0%</b>	<b>184</b>	<b>1.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Warts

**Table 2.10: Warts - Disease rates by STD Clinics**

Total Clinic Visits <sup>1</sup>			2002		2003	
2002	2003		Total No.	Rate <sup>2</sup>	Total No.	Rate <sup>2</sup>
302	97	Whangarei	23	7.6%	1	1.0%
5,963	5,676	Auckland	287	4.8%	277	4.9%
<b>6,265</b>	<b>5,773</b>	<b>North</b>	<b>310</b>	<b>4.9%</b>	<b>278</b>	<b>4.8%</b>
2,206	2,129	Hamilton	84	3.8%	105	4.9%
1,574	2,079	Tauranga	48	3.0%	72	3.5%
352	95	Rotorua	17	4.8%	5	5.3%
247	215	Whakatane	8	3.2%	6	2.8%
190	59	Taupo	4	2.1%	1	1.7%
591	520	New Plymouth	33	5.6%	28	5.4%
836	722	Gisborne	0	0.0%	5	0.7%
<b>5,996</b>	<b>5,819</b>	<b>Midland</b>	<b>194</b>	<b>3.2%</b>	<b>222</b>	<b>3.8%</b>
341	218	Napier	19	5.6%	22	10.1%
154	80	Hastings	10	6.5%	4	5.0%
248	214	Wanganui	18	7.3%	18	8.4%
812	1,015	Palmerston North/Levin	38	4.7%	32	3.2%
281	285	Wairarapa	5	1.8%	4	1.4%
2,160	96	Wellington	107	5.0%	78	81.3%
243	67	Lower Hutt	26	10.7%	21	31.3%
175	143	Porirua	3	1.7%	13	9.1%
353	319	Nelson	23	6.5%	19	6.0%
123	0	Blenheim	5	4.1%	0	0.0%
<b>4,890</b>	<b>2,437</b>	<b>Central</b>	<b>254</b>	<b>5.2%</b>	<b>211</b>	<b>8.7%</b>
86	91	Greymouth	3	3.5%	5	5.5%
2,211	2,284	Christchurch	87	3.9%	92	4.0%
63	34	Ashburton	6	9.5%	2	5.9%
124	141	Timaru	11	8.9%	18	12.8%
780	888	Dunedin	44	5.6%	30	3.4%
461	428	Invercargill/Gore	29	6.3%	30	7.0%
<b>3,725</b>	<b>3,866</b>	<b>South</b>	<b>180</b>	<b>4.8%</b>	<b>177</b>	<b>4.6%</b>
<b>20,876</b>	<b>17,895</b>	<b>Total</b>	<b>938</b>	<b>4.5%</b>	<b>888</b>	<b>5.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

Note: People seek treatment for STDs 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 2.11: Warts - Disease rates by Age & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>AgeGroup</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
18	219	<15	0	0.0%	3	1.4%	3	1.3%
758	3,576	15-19	60	7.9%	171	4.8%	231	5.3%
2,007	2,957	20-24	171	8.5%	169	5.7%	340	6.8%
1,370	1,475	25-29	83	6.1%	59	4.0%	142	5.0%
1,034	964	30-34	56	5.4%	22	2.3%	78	3.9%
726	601	35-39	28	3.9%	18	3.0%	46	3.5%
496	459	40-44	20	4.0%	7	1.5%	27	2.8%
745	403	>44	17	2.3%	4	1.0%	21	1.8%
35	52	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>435</b>	<b>6.1%</b>	<b>453</b>	<b>4.2%</b>	<b>888</b>	<b>5.0%</b>

**Table 2.12 Warts - Disease rates by Ethnicity & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>Ethnicity</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
5,273	7,234	European/Pakeha	331	6.3%	319	4.4%	650	5.2%
864	2,303	Maori	54	6.3%	88	3.8%	142	4.5%
231	323	Pacific Island	11	4.8%	11	3.4%	22	4.0%
640	697	Other	32	5.0%	31	4.4%	63	4.7%
181	149	Unknown	7	3.9%	4	2.7%	11	3.3%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>435</b>	<b>6.1%</b>	<b>453</b>	<b>4.2%</b>	<b>888</b>	<b>5.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

# Syphilis

**Table 2.13: Syphilis - Disease rates by STD Clinics**

Total Clinic Visits <sup>1</sup>			2002		2003	
2002	2003		Total No.	Rate <sup>2</sup>	Total No.	Rate <sup>2</sup>
302	97	Whangarei	0	0.0%	0	0.0%
5,963	5,676	Auckland	3	0.1%	3	0.1%
<b>6,265</b>	<b>5,773</b>	<b>North</b>	<b>3</b>	<b>0.0%</b>	<b>3</b>	<b>0.1%</b>
2,206	2,129	Hamilton	3	0.1%	2	0.1%
1,574	2,079	Tauranga	0	0.0%	0	0.0%
352	95	Rotorua	0	0.0%	0	0.0%
247	215	Whakatane	0	0.0%	0	0.0%
190	59	Taupo	0	0.0%	0	0.0%
591	520	New Plymouth	0	0.0%	0	0.0%
836	722	Gisborne	0	0.0%	0	0.0%
<b>5,996</b>	<b>5,819</b>	<b>Midland</b>	<b>3</b>	<b>0.1%</b>	<b>2</b>	<b>0.0%</b>
341	218	Napier	0	0.0%	0	0.0%
154	80	Hastings	0	0.0%	0	0.0%
248	214	Wanganui	1	0.4%	0	0.0%
812	1,015	Palmerston North/Levin	0	0.0%	0	0.0%
281	285	Wairarapa	0	0.0%	0	0.0%
2,160	96	Wellington	3	0.1%	1	1.0%
243	67	Lower Hutt	0	0.0%	0	0.0%
175	143	Porirua	0	0.0%	0	0.0%
353	319	Nelson	2	0.6%	0	0.0%
123	0	Blenheim	0	0.0%	0	0.0%
<b>4,890</b>	<b>2,437</b>	<b>Central</b>	<b>6</b>	<b>0.1%</b>	<b>1</b>	<b>0.0%</b>
86	91	Greymouth	0	0.0%	0	0.0%
2,211	2,284	Christchurch	0	0.0%	0	0.0%
63	34	Ashburton	0	0.0%	0	0.0%
124	141	Timaru	0	0.0%	0	0.0%
780	888	Dunedin	0	0.0%	0	0.0%
461	428	Invercargill/Gore	0	0.0%	0	0.0%
<b>3,725</b>	<b>3,866</b>	<b>South</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>
<b>20,876</b>	<b>17,895</b>	<b>Total</b>	<b>12</b>	<b>0.1%</b>	<b>6</b>	<b>0.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

Note: People seek treatment for STDs 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 2.14: Syphilis - Disease rates by Age & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>AgeGroup</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
18	219	<15	0	0.0%	0	0.0%	0	0.0%
758	3,576	15-19	0	0.0%	0	0.0%	0	0.0%
2,007	2,957	20-24	1	0.0%	0	0.0%	1	0.0%
1,370	1,475	25-29	2	0.1%	1	0.1%	3	0.1%
1,034	964	30-34	0	0.0%	0	0.0%	0	0.0%
726	601	35-39	1	0.1%	0	0.0%	1	0.1%
496	459	40-44	0	0.0%	0	0.0%	0	0.0%
745	403	>44	1	0.1%	0	0.0%	1	0.1%
35	52	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>5</b>	<b>0.1%</b>	<b>1</b>	<b>0.0%</b>	<b>6</b>	<b>0.0%</b>

**Table 2.15: Syphilis - Disease rates by Ethnicity & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>Ethnicity</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
5,273	7,234	European/Pakeha	1	0.0%	0	0.0%	1	0.0%
864	2,303	Maori	0	0.0%	0	0.0%	0	0.0%
231	323	Pacific Island	0	0.0%	1	0.3%	1	0.2%
640	697	Other	4	0.6%	0	0.0%	4	0.3%
181	149	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>7,189</b>	<b>10,706</b>	<b>Total</b>	<b>5</b>	<b>0.1%</b>	<b>1</b>	<b>0.0%</b>	<b>6</b>	<b>0.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## NSU (Males Only)

**Table 2.16: NSU (Males Only) - Disease rates by STD Clinics**

Total Clinic Visits <sup>1</sup>			2002		2003	
2002	2003		Total No.	Rate <sup>2</sup>	Total No.	Rate <sup>2</sup>
95	28	Whangarei	0	0.0%	0	0.0%
2,886	2,869	Auckland	121	4.2%	130	4.5%
<b>2,981</b>	<b>2,897</b>	<b>North</b>	<b>121</b>	<b>4.1%</b>	<b>130</b>	<b>4.5%</b>
805	867	Hamilton	6	0.7%	12	1.4%
319	403	Tauranga	12	3.8%	14	3.5%
129	25	Rotorua	1	0.8%	0	0.0%
51	61	Whakatane	3	5.9%	1	1.6%
52	15	Taupo	0	0.0%	0	0.0%
242	228	New Plymouth	18	7.4%	21	9.2%
54	63	Gisborne	0	0.0%	0	0.0%
<b>1,652</b>	<b>1,662</b>	<b>Midland</b>	<b>40</b>	<b>2.4%</b>	<b>48</b>	<b>2.9%</b>
115	74	Napier	3	2.6%	0	0.0%
52	21	Hastings	1	1.9%	0	0.0%
98	92	Wanganui	4	4.1%	3	3.3%
302	462	Palmerston North/Levin	46	15.2%	66	14.3%
18	25	Wairarapa	0	0.0%	2	8.0%
1,095	0	Wellington	22	2.0%	15	0.0%
101	0	Lower Hutt	1	1.0%	1	0.0%
48	0	Porirua	0	0.0%	0	0.0%
146	153	Nelson	4	2.7%	4	2.6%
59	0	Blenheim	0	0.0%	0	0.0%
<b>2,034</b>	<b>827</b>	<b>Central</b>	<b>81</b>	<b>4.0%</b>	<b>91</b>	<b>11.0%</b>
20	22	Greymouth	1	5.0%	0	0.0%
1,265	1,226	Christchurch	21	1.7%	15	1.2%
28	14	Ashburton	0	0.0%	0	0.0%
70	70	Timaru	3	4.3%	0	0.0%
241	276	Dunedin	0	0.0%	1	0.4%
233	195	Invercargill/Gore	11	4.7%	3	1.5%
<b>1,857</b>	<b>1,803</b>	<b>South</b>	<b>36</b>	<b>1.9%</b>	<b>19</b>	<b>1.1%</b>
<b>8,524</b>	<b>7,189</b>	<b>Total</b>	<b>278</b>	<b>3.3%</b>	<b>288</b>	<b>4.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

Note: People seek treatment for STDs 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.

# Family Planning Clinic Data

## Chlamydia

**Table 3.1: Chlamydia - Disease rates by Age & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	AgeGroup	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
63	871	<15	0	0	0.0%	3	3	0.3%	3	3	0.3%
601	15,400	15-19	24	40	6.7%	173	207	1.3%	197	247	1.5%
536	13,384	20-24	33	61	11.4%	106	123	0.9%	139	184	1.3%
179	5,823	25-29	7	16	8.9%	27	32	0.5%	34	48	0.8%
138	4,047	30-34	4	4	2.9%	10	12	0.3%	14	16	0.4%
170	2,513	35-39	2	2	1.2%	10	11	0.4%	12	13	0.5%
150	1,647	40-44	1	2	1.3%	1	3	0.2%	2	5	0.3%
91	1,701	>44	0	0	0.0%	0	0	0.0%	0	0	0.0%
7	73	Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>71</b>	<b>125</b>	<b>6.5%</b>	<b>330</b>	<b>391</b>	<b>0.9%</b>	<b>401</b>	<b>516</b>	<b>1.1%</b>

**Table 3.2: Chlamydia - Disease rates by Ethnicity & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	Ethnicity	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
1,389	30,438	European/Pakeha	41	65	4.7%	166	189	0.6%	207	254	0.8%
129	3,264	Maori	9	18	14.0%	61	77	2.4%	70	95	2.8%
55	1,286	Pacific Island	2	8	14.5%	21	23	1.8%	23	31	2.3%
152	5,363	Other	10	17	11.2%	49	65	1.2%	59	82	1.5%
210	5,108	Unknown	9	17	8.1%	33	37	0.7%	42	54	1.0%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>71</b>	<b>125</b>	<b>6.5%</b>	<b>330</b>	<b>391</b>	<b>0.9%</b>	<b>401</b>	<b>516</b>	<b>1.1%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Gonorrhoea

**Table 3.3: Gonorrhoea - Disease rates by Age & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	AgeGroup	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
63	871	<15	0	0	0.0%	0	0	0.0%	0	0	0.0%
601	15,400	15-19	1	2	0.3%	18	20	0.1%	19	22	0.1%
536	13,384	20-24	3	5	0.9%	11	11	0.1%	14	16	0.1%
179	5,823	25-29	0	0	0.0%	4	4	0.1%	4	4	0.1%
138	4,047	30-34	0	0	0.0%	1	1	0.0%	1	1	0.0%
170	2,513	35-39	0	0	0.0%	0	0	0.0%	0	0	0.0%
150	1,647	40-44	0	0	0.0%	0	0	0.0%	0	0	0.0%
91	1,701	>44	0	0	0.0%	0	0	0.0%	0	0	0.0%
7	73	Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>4</b>	<b>7</b>	<b>0.4%</b>	<b>34</b>	<b>36</b>	<b>0.1%</b>	<b>38</b>	<b>43</b>	<b>0.1%</b>

**Table 3.4: Gonorrhoea - Disease rates by Ethnicity & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	Ethnicity	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
1,389	30,438	European/Pakeha	2	3	0.2%	13	13	0.0%	15	16	0.1%
129	3,264	Maori	0	1	0.8%	8	8	0.2%	8	9	0.3%
55	1,286	Pacific Island	0	0	0.0%	1	1	0.1%	1	1	0.1%
152	5,363	Other	1	1	0.7%	7	8	0.1%	8	9	0.2%
210	5,108	Unknown	1	2	1.0%	5	6	0.1%	6	8	0.2%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>4</b>	<b>7</b>	<b>0.4%</b>	<b>34</b>	<b>36</b>	<b>0.1%</b>	<b>38</b>	<b>43</b>	<b>0.1%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Herpes

**Table 3.5: Herpes - Disease rates by Age & Sex**

<b>Total Clinic Visits<sup>1</sup></b>			<b>Male</b>		<b>Female</b>		<b>Total</b>	
<b>Male</b>	<b>Female</b>	<b>AgeGroup</b>	<b>Total No.</b>	<b>Rate<sup>3</sup></b>	<b>Total No.</b>	<b>Rate<sup>3</sup></b>	<b>Total No.</b>	<b>Rate<sup>3</sup></b>
63	871	<15	0	0.0%	0	0.0%	0	0.0%
601	15,400	15-19	2	0.3%	14	0.1%	16	0.1%
536	13,384	20-24	3	0.6%	10	0.1%	13	0.1%
179	5,823	25-29	4	2.2%	1	0.0%	5	0.1%
138	4,047	30-34	0	0.0%	3	0.1%	3	0.1%
170	2,513	35-39	0	0.0%	2	0.1%	2	0.1%
150	1,647	40-44	0	0.0%	1	0.1%	1	0.1%
91	1,701	>44	0	0.0%	2	0.1%	2	0.1%
7	73	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>9</b>	<b>0.5%</b>	<b>33</b>	<b>0.1%</b>	<b>42</b>	<b>0.1%</b>

**Table 3.6: Herpes - Disease rates by Ethnicity & Sex**

<b>Total Clinic Visits<sup>1</sup></b>			<b>Male</b>		<b>Female</b>		<b>Total</b>	
<b>Male</b>	<b>Female</b>	<b>Ethnicity</b>	<b>Total No.</b>	<b>Rate<sup>3</sup></b>	<b>Total No.</b>	<b>Rate<sup>3</sup></b>	<b>Total No.</b>	<b>Rate<sup>3</sup></b>
1,389	30,438	European/Pakeha	7	0.5%	25	0.1%	32	0.1%
129	3,264	Maori	0	0.0%	0	0.0%	0	0.0%
55	1,286	Pacific Island	0	0.0%	1	0.1%	1	0.1%
152	5,363	Other	2	1.3%	4	0.1%	6	0.1%
210	5,108	Unknown	0	0.0%	3	0.1%	3	0.1%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>9</b>	<b>0.5%</b>	<b>33</b>	<b>0.1%</b>	<b>42</b>	<b>0.1%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Warts

**Table 3.7: Warts - Disease rates by Age & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>AgeGroup</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
63	871	<15	0	0.0%	2	0.2%	2	0.2%
601	15,400	15-19	14	2.3%	40	0.3%	54	0.3%
536	13,384	20-24	11	2.1%	33	0.2%	44	0.3%
179	5,823	25-29	2	1.1%	8	0.1%	10	0.2%
138	4,047	30-34	1	0.7%	2	0.0%	3	0.1%
170	2,513	35-39	0	0.0%	2	0.1%	2	0.1%
150	1,647	40-44	0	0.0%	2	0.1%	2	0.1%
91	1,701	>44	0	0.0%	0	0.0%	0	0.0%
7	73	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>28</b>	<b>1.4%</b>	<b>89</b>	<b>0.2%</b>	<b>117</b>	<b>0.2%</b>

**Table 3.8 Warts - Disease rates by Ethnicity & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>Ethnicity</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
1,389	30,438	European/Pakeha	21	1.5%	60	0.2%	81	0.3%
129	3,264	Maori	2	1.6%	13	0.4%	15	0.4%
55	1,286	Pacific Island	2	3.6%	1	0.1%	3	0.2%
152	5,363	Other	1	0.7%	9	0.2%	10	0.2%
210	5,108	Unknown	2	1.0%	6	0.1%	8	0.2%
<b>1,935</b>	<b>45,459</b>	<b>Total</b>	<b>28</b>	<b>1.4%</b>	<b>89</b>	<b>0.2%</b>	<b>117</b>	<b>0.2%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

# Student & Youth Clinic Data

## Chlamydia

**Table 4.1: Chlamydia - Disease rates by Age & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	AgeGroup	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
18	73	<15	0	0	0.0%	1	1	1.4%	1	1	1.1%
289	1,469	15-19	3	4	1.4%	19	20	1.4%	22	24	1.4%
1,795	5,722	20-24	8	8	0.4%	27	27	0.5%	35	35	0.5%
566	1,208	25-29	0	0	0.0%	3	3	0.2%	3	3	0.2%
246	624	30-34	1	1	0.4%	0	0	0.0%	1	1	0.1%
160	414	35-39	0	0	0.0%	0	0	0.0%	0	0	0.0%
158	311	40-44	0	0	0.0%	0	0	0.0%	0	0	0.0%
186	441	>44	0	0	0.0%	0	0	0.0%	0	0	0.0%
5,117	11,519	Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>12</b>	<b>13</b>	<b>0.2%</b>	<b>50</b>	<b>51</b>	<b>0.2%</b>	<b>62</b>	<b>64</b>	<b>0.2%</b>

**Table 4.2: Chlamydia - Disease rates by Ethnicity & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	Ethnicity	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
1,575	5,550	European/Pakeha	6	7	0.4%	33	33	0.6%	39	40	0.6%
467	1,707	Maori	4	4	0.9%	12	12	0.7%	16	16	0.7%
133	243	Pacific Island	0	0	0.0%	1	1	0.4%	1	1	0.3%
874	1,958	Other	1	1	0.1%	2	3	0.2%	3	4	0.1%
5,486	12,323	Unknown	1	1	0.0%	2	2	0.0%	3	3	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>12</b>	<b>13</b>	<b>0.2%</b>	<b>50</b>	<b>51</b>	<b>0.2%</b>	<b>62</b>	<b>64</b>	<b>0.2%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Gonorrhoea

**Table 4.3: Gonorrhoea - Disease rates by Age & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	AgeGroup	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
18	73	<15	0	0	0.0%	0	0	0.0%	0	0	0.0%
289	1,469	15-19	0	0	0.0%	1	1	0.1%	1	1	0.1%
1,795	5,722	20-24	1	1	0.1%	3	3	0.1%	4	4	0.1%
566	1,208	25-29	0	0	0.0%	0	0	0.0%	0	0	0.0%
246	624	30-34	0	0	0.0%	1	1	0.2%	1	1	0.1%
160	414	35-39	0	0	0.0%	0	0	0.0%	0	0	0.0%
158	311	40-44	0	0	0.0%	0	0	0.0%	0	0	0.0%
186	441	>44	0	0	0.0%	0	0	0.0%	0	0	0.0%
5,117	11,519	Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>1</b>	<b>1</b>	<b>0.0%</b>	<b>5</b>	<b>5</b>	<b>0.0%</b>	<b>6</b>	<b>6</b>	<b>0.0%</b>

**Table 4.4: Gonorrhoea - Disease rates by Ethnicity & Sex**

Total Clinic Visits <sup>1</sup>			Male			Female			Total		
Male	Female	Ethnicity	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>	No. Confirmed	Total No. <sup>2</sup>	Rate <sup>3</sup>
1,575	5,550	European/Pakeha	0	0	0.0%	3	3	0.1%	3	3	0.0%
467	1,707	Maori	1	1	0.2%	1	1	0.1%	2	2	0.1%
133	243	Pacific Island	0	0	0.0%	0	0	0.0%	0	0	0.0%
874	1,958	Other	0	0	0.0%	1	1	0.1%	1	1	0.0%
5,486	12,323	Unknown	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>1</b>	<b>1</b>	<b>0.0%</b>	<b>5</b>	<b>5</b>	<b>0.0%</b>	<b>6</b>	<b>6</b>	<b>0.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>2</sup> Total No. = no. confirmed cases + no. probable cases

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Herpes

**Table 4.5: Herpes - Disease rates by Age & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>AgeGroup</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
18	73	<15	0	0.0%	0	0.0%	0	0.0%
289	1,469	15-19	1	0.3%	0	0.0%	1	0.1%
1,795	5,722	20-24	0	0.0%	1	0.0%	1	0.0%
566	1,208	25-29	0	0.0%	1	0.1%	1	0.1%
246	624	30-34	0	0.0%	0	0.0%	0	0.0%
160	414	35-39	0	0.0%	0	0.0%	0	0.0%
158	311	40-44	0	0.0%	0	0.0%	0	0.0%
186	441	>44	0	0.0%	0	0.0%	0	0.0%
5,117	11,519	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>1</b>	<b>0.0%</b>	<b>2</b>	<b>0.0%</b>	<b>3</b>	<b>0.0%</b>

**Table 4.6: Herpes - Disease rates by Ethnicity & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>Ethnicity</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
1,575	5,550	European/Pakeha	1	0.1%	2	0.0%	3	0.0%
467	1,707	Maori	0	0.0%	0	0.0%	0	0.0%
133	243	Pacific Island	0	0.0%	0	0.0%	0	0.0%
874	1,958	Other	0	0.0%	0	0.0%	0	0.0%
5,486	12,323	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>1</b>	<b>0.0%</b>	<b>2</b>	<b>0.0%</b>	<b>3</b>	<b>0.0%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Warts

**Table 4.7: Warts - Disease rates by Age & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>AgeGroup</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
18	73	<15	0	0.0%	0	0.0%	0	0.0%
289	1,469	15-19	0	0.0%	6	0.4%	6	0.3%
1,795	5,722	20-24	1	0.1%	15	0.3%	16	0.2%
566	1,208	25-29	0	0.0%	0	0.0%	0	0.0%
246	624	30-34	0	0.0%	0	0.0%	0	0.0%
160	414	35-39	0	0.0%	0	0.0%	0	0.0%
158	311	40-44	0	0.0%	0	0.0%	0	0.0%
186	441	>44	0	0.0%	0	0.0%	0	0.0%
5,117	11,519	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>1</b>	<b>0.0%</b>	<b>21</b>	<b>0.1%</b>	<b>22</b>	<b>0.1%</b>

**Table 4.8 Warts - Disease rates by Ethnicity & Sex**

<u>Total Clinic Visits<sup>1</sup></u>			<u>Male</u>		<u>Female</u>		<u>Total</u>	
<u>Male</u>	<u>Female</u>	<u>Ethnicity</u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>	<u>Total No.</u>	<u>Rate<sup>3</sup></u>
1,575	5,550	European/Pakeha	1	0.1%	18	0.3%	19	0.3%
467	1,707	Maori	0	0.0%	1	0.1%	1	0.0%
133	243	Pacific Island	0	0.0%	1	0.4%	1	0.3%
874	1,958	Other	0	0.0%	1	0.1%	1	0.0%
5,486	12,323	Unknown	0	0.0%	0	0.0%	0	0.0%
<b>8,535</b>	<b>21,781</b>	<b>Total</b>	<b>1</b>	<b>0.0%</b>	<b>21</b>	<b>0.1%</b>	<b>22</b>	<b>0.1%</b>

<sup>1</sup> Total No. Clinic Visits = total no. clinic visits per month for any reason

<sup>3</sup> Rate = (total no. cases/ total no. clinic visits) × 100, expressed as a percentage

## Appendix: STI Surveillance Case Definitions

<b>Chlamydia</b>	<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"> <li>1. uncomplicated infection of the lower anogenital* tract * Includes urogenital and anorectal infection.</li> <li>2. PID (pelvic inflammatory disease) or epididymitis</li> <li>3. infection of another site (eg, eye or pharynx)</li> </ol> <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> <li>• symptomatic, <b>and</b></li> <li>• a contact of a confirmed case, <b>and</b></li> <li>• non-laboratory confirmed (test negative or test not done).</li> </ul>
<b>Gonorrhoea</b>	<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"> <li>1. uncomplicated infection of one or both of the following:             <ol style="list-style-type: none"> <li>a) urogenital tract</li> <li>b) anorectal area (proctitis)</li> </ol> </li> <li>2. PID (pelvic inflammatory disease) or epididymitis</li> <li>3. extra-genital infection of one or both of the following:             <ol style="list-style-type: none"> <li>a) pharynx</li> <li>b) other site not listed</li> </ol> </li> </ol> <p><i>Probable</i> Cases must be <u>all</u> of the following:</p> <ul style="list-style-type: none"> <li>• symptomatic, <b>and</b></li> <li>• a contact of a confirmed case, <b>and</b></li> <li>• non-laboratory confirmed (test negative or test not done).</li> </ul>
<b>Anogenital Herpes</b>	<p>First diagnosis for the person at your clinic, with either</p> <ol style="list-style-type: none"> <li>1. laboratory detection of herpes simplex virus (HSV) from a clinical specimen,</li> </ol> <p style="text-align: center;"><b>or</b></p> <ol style="list-style-type: none"> <li>2. a clinically compatible illness in the lower anogenital and buttock area (syphilis should be considered as a cause of genital ulceration)</li> </ol>
<b>Anogenital Warts</b>	<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. * Do not include persons for whom there is <u>only</u> demonstration of human papillomavirus (HPV) on cervical cytology or other laboratory method.</p>
<b>Syphilis</b>	<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>
<b>Non-Specific Urethritis (NSU) (males only)</b>	<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>
<b>Chancroid</b>	<p><i>Confirmed</i> Isolation of <i>Haemophilus ducreyi</i> from a clinical specimen. <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, <b>or</b> A clinically compatible illness in a patient who is a contact of a confirmed case.</p>
<b>Granuloma inguinale (GI)</b>	<p><i>Confirmed</i> Demonstration of intracytoplasmic Donovan bodies on Wright or Giemsa stained smears or biopsies of clinical specimens. <i>Probable</i> A clinically compatible illness in a patient who is a contact of a confirmed case.</p>
<b>Lymphogranulom a venereum (LGV)</b>	<p><i>Confirmed</i> Laboratory detection of <i>Chlamydia trachomatis</i> serotype L<sub>1</sub>, L<sub>2</sub> or L<sub>3</sub> from a clinical specimen. <i>Probable</i> A clinically compatible illness with complement fixation titre of &gt; 64 and other causes of ulcerations excluded, <b>or</b> A clinically compatible illness in a person who is a contact of a confirmed case.</p>