

Quarterly Report on Sexually Transmitted Infections

Quarter 2 2000



Report by

The National Disease Surveillance Centre

NDSC would like to thank all those who provided data for this report, particularly the STI Clinics, Departments of Public Health and the Department of Health and Children

Introduction

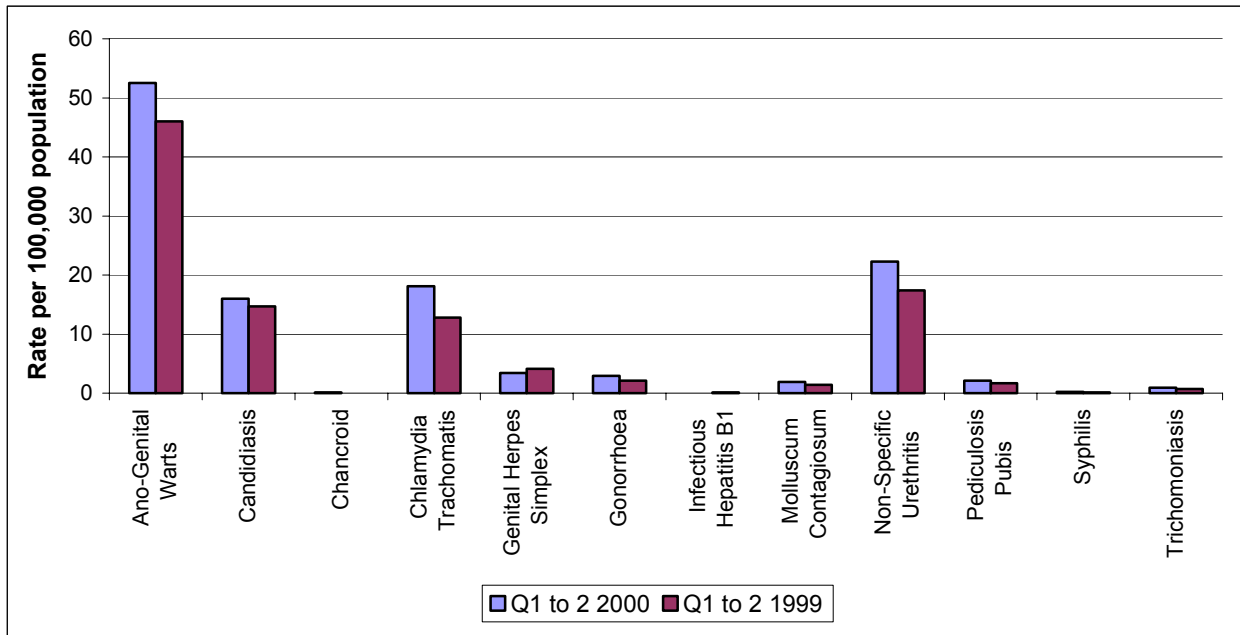
Fourteen sexually transmitted infections (STIs) are currently notifiable in Ireland: ano-genital warts, candidiasis, chancroid, chlamydia trachomatis, genital herpes simplex, gonorrhoea, granuloma inguinale, infectious hepatitis B, lymphogranuloma venereum, molluscum contagiosum, non-specific urethritis, pediculosis pubis, syphilis and trichomoniasis. Aggregate data is collected quarterly from STI clinics including age group, sex and diagnosis. The number of STIs notified by quarter, health board, age group and sex for quarter 2 (Q2) 2000 are presented in this report. Rates per 100,000 population are based on the 1996 population census (appendix A).

Notified STIs for Quarter 2 2000

In Q2 2000, 2145 cases of STIs were notified in Ireland, compared to 2030 during the same quarter in 1999 (table 1), representing a 5.7% increase in STI notifications. Notified cases of ano-genital warts, candidiasis, chancroid, chlamydia trachomatis, gonorrhoea, molluscum contagiosum, non-specific urethritis, pediculosis pubis, syphilis and trichomoniasis all increased during Q1 and Q2 2000 compared to the first 6 months of 1999. Notified cases of genital herpes simplex and infectious hepatitis B decreased, whilst no cases of granuloma inguinale, infectious hepatitis B or lymphogranuloma venereum were notified during Q2 2000. The cumulative rate per 100,000 population for all notifiable STIs increased in Q1 and Q2 2000 to 120.5 per 100,000; compared to a rate of 100.9 per 100,000 in Q1 and Q2 1999 (figure 1).

Table 1: Notified sexually transmitted infections for Q2 2000 and Q2 1999 and cumulative notified cases for Q1 & Q2 2000 and Q1 & Q2 1999

Sexually Transmitted Infection	Q2 2000	Q2 1999	Increase/Decrease	% Increase/Decrease	Q1 to Q2 2000	Q1 to Q2 1999	Increase/Decrease	% Increase/Decrease
Ano-Genital Warts	952	905	47	5.2	1905	1667	238	14.3
Candidiasis	262	263	-1	-0.4	579	532	47	8.8
Chancroid	3	0	3		3	0	3	
Chlamydia Trachomatis	346	295	51	17.3	655	464	191	41.2
Genital Herpes Simplex	50	53	-3	-5.7	125	147	-22	-15.0
Gonorrhoea	50	55	-5	-9.1	104	76	28	36.8
Granuloma Inguinale	0	0	0	0.0	0	0	0	0.0
Infectious Hepatitis B ¹	0	0	0	0.0	0	2	-2	-100.0
Lymphogranuloma Venereum	0	0	0	0.0	0	0	0	0.0
Molluscum Contagiosum	37	29	8	27.6	70	52	18	34.6
Non-Specific Urethritis	385	389	-4	-1.0	810	632	178	28.2
Pediculosis Pubis	38	25	13	52.0	75	60	15	25.0
Syphilis	7	1	6	600.0	9	3	6	200.0
Trichomoniasis	15	15	0	0.0	33	25	8	32.0
Total	2145	2030	115	5.7	4368	3660	708	19.3



¹Cases of infectious hepatitis B that are sexually transmitted may also be reported through the weekly infectious disease report by NDSC

Figure 1: Notified sexually transmitted infections per 100,000 population for Q1 and Q2 2000 and Q1 and Q2 1999.

Notified STIs by Health Board for Quarter 2 2000

Notified cases of STIs by health board are presented in table 2. It is important to note that STI surveillance is mainly clinic based. At the time these notifications were made there were no STI clinics in the MHB and NEHB. For Q2 2000, 53% of all STI notifications were in the ERHA, 0% in the MHB, 13.7% in the MWHB, 0.05% in the NEHB, 4.7% in the NWHB, 8.5% in the SEHB, 10.1% in the SHB and 9.9% in the WHB.

Notified STIs by Age for Quarter 2 2000

Notified cases of STIs by age group (years) are presented in table 3. Thirty percent (647) of all notifiable STIs were in the 20 to 29 year age group. The data represented in table 3 should be interpreted with caution, as the age group data for 53.4% of cases notified during Q2 2000 was unknown.

Table 2: Notified sexually transmitted infections by health board
Q2 2000

Sexually Transmitted Infection	Health Board								
	ERHA	MHB	MWHB	NEHB	NWHB	SEHB	SHB	WHB	Total
Ano-Genital Warts	476	0	117	0	62	74	131	92	952
Candidiasis	151	0	26	0	10	14	15	46	262
Chancroid	0	0	0	0	3	0	0	0	3
Chlamydia Trachomatis	204	0	36	0	4	43	15	44	346
Genital Herpes Simplex	28	0	6	0	1	3	6	6	50
Gonorrhoea	31	0	3	0	0	0	9	7	50
Granuloma Inguinale	0	0	0	0	0	0	0	0	0
Infectious Hepatitis B ¹	0	0	0	0	0	0	0	0	0
Lymphogranuloma Venereum	0	0	0	0	0	0	0	0	0
Molluscum Contagiosum	23	0	3	0	1	5	2	3	37
Non-Specific Urethritis	192	0	103	0	17	38	29	6	385
Pediculosis Pubis	17	0	0	1	2	4	8	6	38
Syphilis	3	0	0	0	0	2	0	2	7
Trichomoniasis	11	0	0	0	1	0	1	2	15
Total	1136	0	294	1	101	183	216	214	2145

Table 3: Notified sexually transmitted infections by age
Q2 2000

Sexually Transmitted Infection	Age (Years)					
	0-19	20-29	30-39	40+	Unknown	Total
Ano-Genital Warts	70	327	57	20	478	952
Candidiasis	20	62	23	14	143	262
Chancroid	0	3	0	0	0	3
Chlamydia Trachomatis	24	98	19	1	204	346
Genital Herpes Simplex	1	16	2	3	28	50
Gonorrhoea	2	10	3	4	31	50
Granuloma Inguinale	0	0	0	0	0	0
Infectious Hepatitis B ¹	0	0	0	0	0	0
Lymphogranuloma Venereum	0	0	0	0	0	0
Molluscum Contagiosum	2	9	2	1	23	37
Non-Specific Urethritis	22	106	32	17	208	385
Pediculosis Pubis	4	12	5	0	17	38
Syphilis	0	2	1	1	3	7
Trichomoniasis	1	2	1	0	11	15
Total	146	647	145	61	1146	2145

Notified STIs by sex for Quarter 2 2000

During Q2 2000, 51.2% (1098) of all cases of notified STIs were amongst females and 48.8% (1047) were amongst males (table 4). Figure 2 represents the percentage of male and female cases for each of the notifiable STIs, during Q2 2000. For ano-genital warts, candidiasis, chancroid, genital herpes simplex and trichomoniasis the majority of cases were amongst females. For gonorrhoea, non-specific urethritis, pediculosis pubis, and syphilis the majority of cases were amongst males.

Table 4: Notified sexually transmitted infections by sex, Q2 2000

Sexually Transmitted Infection	Sex			
	Male	Female	Unknown	Total
Ano-Genital Warts	438	514	0	952
Candidiasis	39	223	0	262
Chancroid	0	3	0	3
Chlamydia Trachomatis	172	174	0	346
Genital Herpes Simplex	21	29	0	50
Gonorrhoea	37	13	0	50
Granuloma Inguinale	0	0	0	0
Infectious Hepatitis B ¹	0	0	0	0
Lymphogranuloma Venereum	0	0	0	0
Molluscum Contagiosum	18	19	0	37
Non-Specific Urethritis	289	96	0	385
Pediculosis Pubis	27	11	0	38
Syphilis	5	2	0	7
Trichomoniasis	1	14	0	15
Total	1047	1098	0	2145

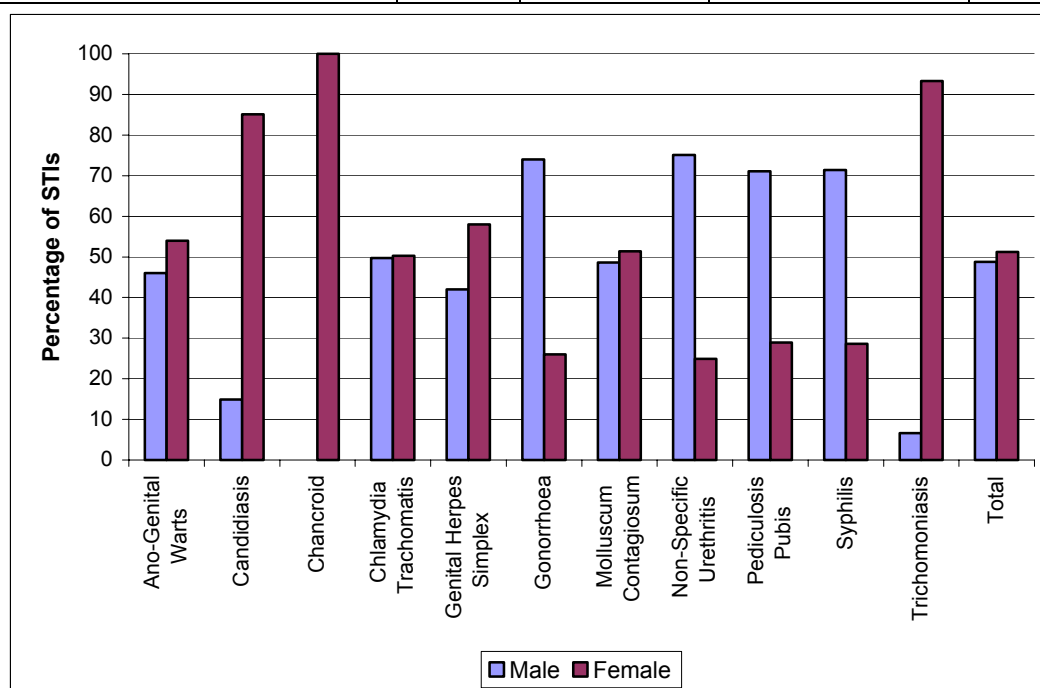


Figure 2: Percentage of notified STIs by sex, Q2 2000

Appendix A

Table 5: Notified sexually transmitted infections per 100,000 population for Q2 2000 and Q2 1999 and cumulative rates per 100,000 for Q1 & Q2 2000 and Q1 & Q2 1999

Sexually Transmitted Infection	Q2 2000	Q2 1999	Increase/Decrease	Q1 to Q2 2000	Q1 to Q2 1999	Increase/Decrease
Ano-Genital Warts	26.3	25.0	1.3	52.5	46.0	6.5
Candidiasis	7.2	7.3	-0.1	16.0	14.7	1.3
Chancroid	0.1	0.0	0.1	0.1	0.0	0.1
Chlamydia Trachomatis	9.5	8.1	1.4	18.1	12.8	5.3
Genital Herpes Simplex	1.4	1.5	-0.1	3.4	4.1	-0.7
Gonorrhoea	1.4	1.5	-0.1	2.9	2.1	0.8
Granuloma Inguinale	0.0	0.0	0.0	0.0	0.0	0.0
Infectious Hepatitis B ¹	0.0	0.0	0.0	0.0	0.1	-0.1
Lymphogranuloma Venereum	0.0	0.0	0.0	0.0	0.0	0.0
Molluscum Contagiosum	1.0	0.8	0.2	1.9	1.4	0.5
Non-Specific Urethritis	10.6	10.7	-0.1	22.3	17.4	4.9
Pediculosis Pubis	1.0	0.7	0.3	2.1	1.7	0.4
Syphilis	0.2	0.0	0.2	0.2	0.1	0.1
Trichomoniasis	0.4	0.4	0.0	0.9	0.7	0.2
Total	59.2	56.0	3.2	120.5	100.9	19.6

Table 6: Notified sexually transmitted infections per 100,000 population by age group, Q2 2000

Sexually Transmitted Infection	Age (Years)					
	0-19	20-29	30-39	40+	Unknown	Total
Ano-Genital Warts	5.8	59.2	11.0	1.5	13.2	26.3
Candidiasis	1.7	11.2	4.5	1.0	3.9	7.2
Chancroid	0.0	0.5	0.0	0.0	0.0	0.1
Chlamydia Trachomatis	2.0	17.7	3.7	0.1	5.6	9.5
Genital Herpes Simplex	0.1	2.9	0.4	0.2	0.8	1.4
Gonorrhoea	0.2	1.8	0.6	0.3	0.9	1.4
Granuloma Inguinale	0.0	0.0	0.0	0.0	0.0	0.0
Infectious Hepatitis B ¹	0.0	0.0	0.0	0.0	0.0	0.0
Lymphogranuloma Venereum	0.0	0.0	0.0	0.0	0.0	0.0
Molluscum Contagiosum	0.2	1.6	0.4	0.1	0.6	1.0
Non-Specific Urethritis	1.8	19.2	6.2	1.3	5.7	10.6
Pediculosis Pubis	0.3	2.2	1.0	0.0	0.5	1.0
Syphilis	0.0	0.4	0.2	0.1	0.1	0.2
Trichomoniasis	0.1	0.4	0.2	0.0	0.3	0.4
Total	12.2	117.1	28.1	4.5	31.6	59.2

Table 7: Notified sexually transmitted infections per 100,000 population by sex
Q2 2000

Sexually Transmitted Infection	Sex			
	Male	Female	Unknown	Total
Ano-Genital Warts	24.3	28.2	0.0	26.3
Candidiasis	2.2	12.2	0.0	7.2
Chancroid	0.0	0.2	0.0	0.1
Chlamydia Trachomatis	9.6	9.5	0.0	9.5
Genital Herpes Simplex	1.2	1.6	0.0	1.4
Gonorrhoea	2.1	0.7	0.0	1.4
Granuloma Inguinale	0.0	0.0	0.0	0.0
Infectious Hepatitis B ¹	0.0	0.0	0.0	0.0
Lymphogranuloma Venereum	0.0	0.0	0.0	0.0
Molluscum Contagiosum	1.0	1.0	0.0	1.0
Non-Specific Urethritis	16.1	5.3	0.0	10.6
Pediculosis Pubis	1.5	0.6	0.0	1.0
Syphilis	0.3	0.1	0.0	0.2
Trichomoniasis	0.1	0.8	0.0	0.4
Total	58.2	60.1	0.0	59.2

¹Cases of infectious hepatitis B that are sexually transmitted may also be reported through the weekly infectious disease report by NDSC