

Sexually Transmitted Infections (STIs) in Ireland, 2016 Provisional Data



These figures were extracted from the Computerised Infectious Disease Reporting (CIDR) System on 9th February, 2017 and were correct at the time of publication.

Notes

- These slides present **provisional** data on STIs notified to HPSC during 2016 via CIDR.
- Following data validation a more detailed report on the epidemiology of STIs for 2016 will be produced. Detailed reports and trend data for previous years are available on the HPSC website at <http://www.hpsc.ie/A-Z/HIVSTIs/SexuallyTransmittedInfections/Publications/STIReports/STIAnnualReports/>
- STIs notified via CIDR since January 2013 are; chancroid, *Chlamydia trachomatis*, gonorrhoea, granuloma inguinale, herpes simplex virus (genital), lymphogranuloma venereum (LGV), syphilis and trichomoniasis.
- Aggregate data on ano-genital warts (AGW) and non-specific urethritis (NSU) are reported to HPSC on a bi-annual basis from Departments of Public Health and are reported separately (see <http://www.hpsc.ie/A-Z/HIVSTIs/SexuallyTransmittedInfections/Publications/STIReports/EpisodicSTIReports/Other/>).
- HIV, hepatitis B and sexually transmitted enteric infections (STEI), such as shigellosis, are notified via CIDR and are reported separately (see www.hpsc.ie)
- The Irish **case definition for syphilis was further refined on 1st July, 2016**, and from this date, syphilis notifications which meet the updated laboratory criteria are assumed to be early infectious syphilis.
 - Syphilis re-infections and cases which are deemed clinically to be early infectious syphilis continue to be notifiable.
 - Data reported here are provisional which may change following clinical review.
 - The rationale behind the updated case definition is summarised in an Epi Insight article available at:
<http://ndsc.newsweaver.ie/epiinsight/x6pcgkfavoy10gkzp9yx5?a=1&p=50495690&t=17517774>

Table 1: Percentage change in STI notifications by disease, 2015-2016

STI	2016 N	2015 N	% change 2015 -2016
Chancroid	0	0	-
<i>Chlamydia trachomatis</i> infection	6,896	6,787	+1.6
Gonorrhoea	1,958	1,294	+51.3
Granuloma inguinale	0	0	-
Herpes simplex (genital)	1,369	1,274	+7.5
Lymphogranuloma venereum (LGV)	48	20	+140.0
Syphilis (early infectious)	322	269	+19.7
Trichomoniasis	80	56	+42.9
Total	10,673	9,700	+10.0

Table 2: STI notifications by gender and disease, 2016

STI	Male	Female	Unknown	Total
Chlamydia	3,389	3,484	23	6,896
Gonorrhoea	1,710	244	4	1,958
Herpes simplex (genital)	368	996	5	1,369
Lymphogranuloma venereum (LGV)	48	0	0	48
Early infectious syphilis	311	11	0	322
Trichomoniasis	1	79	0	80
Total	5,827	4,814	32	10,673

Table 3: STI notifications by age group and disease, 2016

Age group (years)	Chlamydia	Gonorrhoea	Herpes simplex (genital)	LGV	Early Infectious Syphilis	Trichomoniasis
0-14	15	5	0	0	1	0
15-19	608	209	173	0	5	3
20-24	2754	524	410	3	31	11
25-29	1803	431	280	12	82	20
30-34	877	319	197	9	64	11
35-39	421	219	112	8	43	16
40-44	196	113	77	8	27	6
45-49	107	58	45	2	25	6
50+	112	79	74	6	44	7
Unknown	3	1	1	0	0	0
Total	6,896	1,958	1,369	48	322	80

Figure 1: STI notifications by month and disease, 2016

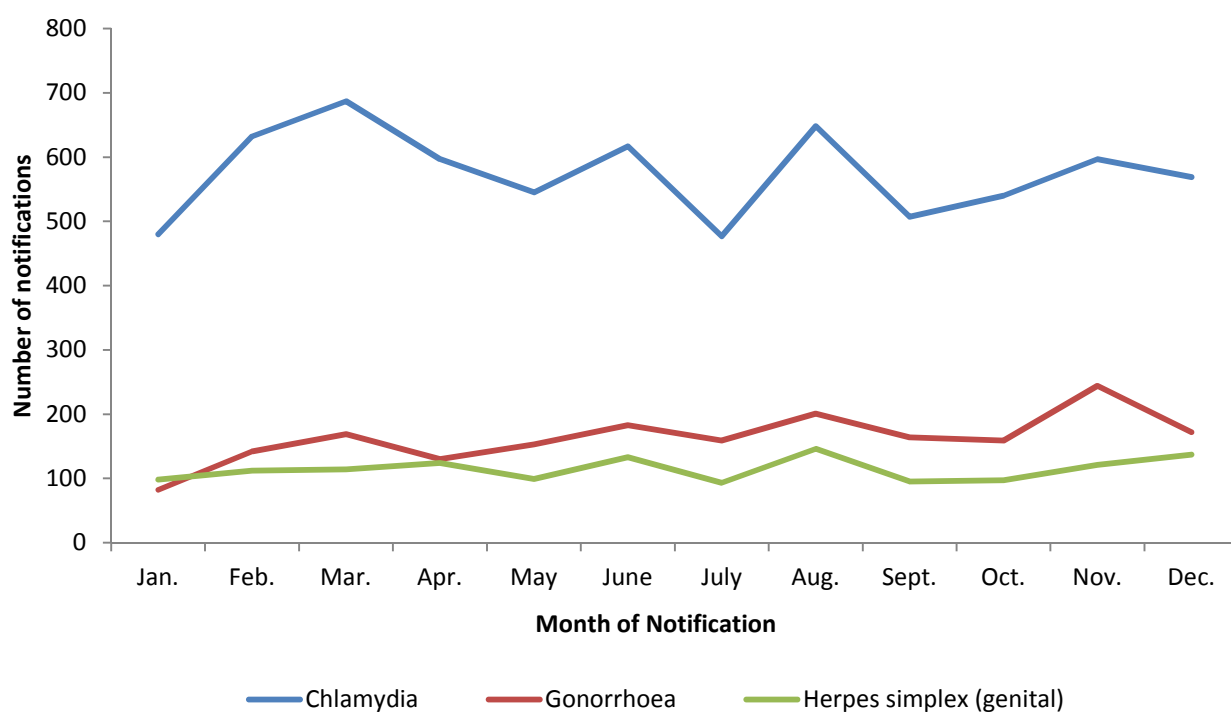


Figure 2: Gonorrhoea notifications by month and gender, 2016

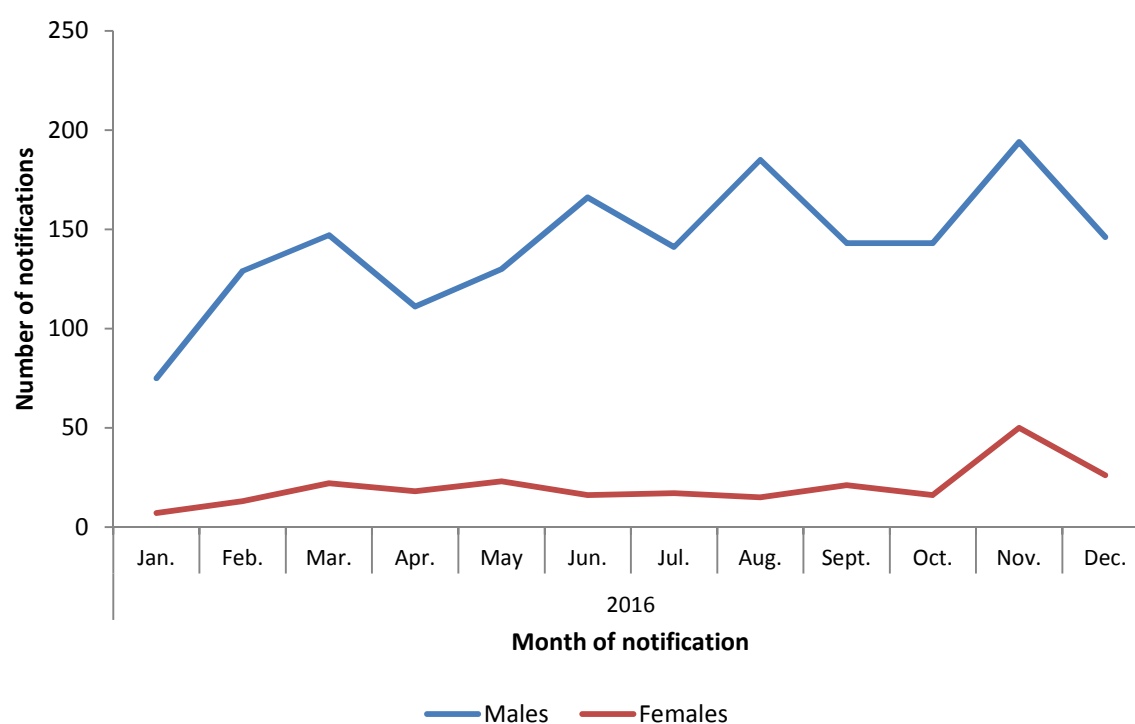


Table 4: STI notifications by mode of transmission and disease, 2016

STI	Men who have sex with men (MSM)	Heterosexual	Other	Unknown	Total
Syphilis	230	29	0	63	322
LGV	45	0	0	3	48
Gonorrhoea	822	401	6	729	1,958

Table 5: Early infectious syphilis notifications by age group and gender, 2016

Age group (years)	Male	Female	Unknown	Total
0-14	1	0	0	1
15-19	3	2	0	5
20-24	29	2	0	31
25-29	80	2	0	82
30-34	62	2	0	64
35-39	41	2	0	43
40-44	27	0	0	27
45-49	24	1	0	25
50+	44	0	0	44
Unknown	0	0	0	0
Total	311	11	0	322

Table 6: Chlamydia notifications by age group and gender, 2016

Age group (years)	Male	Female	Unknown	Total
0-14	6	9	0	15
15-19	170	438	0	608
20-24	1161	1586	7	2754
25-29	943	848	12	1803
30-34	551	325	1	877
35-39	269	150	2	421
40-44	127	69	0	196
45-49	75	31	1	107
50+	87	25	0	112
Unknown	0	3	0	3
Total	3,389	3,484	23	6,896

Table 7: Gonorrhoea notifications by age group and gender, 2016

Age group (years)	Male	Female	Unknown	Total
0-14	3	2	0	5
15-19	115	93	1	209
20-24	445	79	0	524
25-29	398	32	1	431
30-34	299	20	0	319
35-39	207	12	0	219
40-44	110	3	0	113
45-49	57	0	1	58
50+	76	3	0	79
Unknown	0	0	1	1
Total	1,710	244	4	1,958

Table 8: Herpes simplex (genital) notifications by age group and gender, 2016

Age group (years)	Male	Female	Unknown	Total
0-14	0	0	0	0
15-19	18	155	0	173
20-24	89	319	2	410
25-29	78	202	0	280
30-34	68	127	2	197
35-39	38	74	0	112
40-44	31	45	1	77
45-49	17	28	0	45
50+	28	46	0	74
Unknown	1	0	0	1
Total	368	996	5	1,369

Table 9: LGV notifications by age group and gender, 2016

Age group (years)	Male	Female	Unknown	Total
0-14	0	0	0	0
15-19	0	0	0	0
20-24	3	0	0	3
25-29	12	0	0	12
30-34	9	0	0	9
35-39	8	0	0	8
40-44	8	0	0	8
45-49	2	0	0	2
50+	6	0	0	6
Unknown	0	0	0	0
Total	48	0	0	48

Table 10: Trichomoniasis notifications by age group and gender, 2016

Age group (years)	Male	Female	Unknown	Total
0-14	0	0	0	0
15-19	0	3	0	3
20-24	0	11	0	11
25-29	0	20	0	20
30-34	0	11	0	11
35-39	0	16	0	16
40-44	0	6	0	6
45-49	0	6	0	6
50+	1	6	0	7
Unknown	0	0	0	0
Total	1	79	0	80

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