

HPSC - Weekly HIV & STI Report



Statutory Notifications of HIV and STIs reported in Ireland via the Computerised Infectious Disease Reporting (CIDR) system for:

Week 36, 2020

(Notification Period: 30/08/2020 - 05/09/2020)

Data are Provisional

Report produced by the Health Protection Surveillance Centre on 09/09/2020

More detailed annual reports on HIV and STIs in Ireland are available on the HPSC website at <https://www.hpsc.ie>



Table 1: Summary of HIV and Sexually Transmitted Infections reported for week 36, 2020

| Disease | Week Ending | 2020 | 2019 | Increase/Decrease | |
|---------------------------------|-------------|--------------|---------------|-------------------|--------------|
| | 05/09/2020 | Week 1 - 36 | Week 1 - 36 | n | % |
| Chancroid | 0 | 0 | 0 | 0 | 0.00 |
| Chlamydia trachomatis infection | 91 | 4396 | 6067 | -1671 | -27.54 |
| Gonorrhoea | 28 | 1447 | 1882 | -435 | -23.11 |
| Granuloma inguinale | 0 | 0 | 0 | 0 | 0.00 |
| Herpes simplex (genital) | 32 | 781 | 1133 | -352 | -31.07 |
| HIV | 9 | 334 | 352 | -18 | -5.11 |
| Lymphogranuloma venereum | 0 | 9 | 22 | -13 | -59.09 |
| Syphilis (early infectious) | 6 | 362 | 525 | -163 | -31.05 |
| Trichomoniasis | 0 | 26 | 40 | -14 | -35.00 |
| Total | 166 | 7,355 | 10,021 | -2,666 | -26.6 |



Table 2: HIV & Sexually Transmitted Infections by HSE area* for week 36, 2020

| | E | M | MW | NE | NW | S | SE | W | Weekly total |
|---------------------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|--------------|
| Chlamydia trachomatis infection | 46 | 8 | 7 | 2 | 0 | 15 | 8 | 5 | 91 |
| Gonorrhoea | 22 | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 28 |
| Herpes simplex (genital) | 16 | 0 | 1 | 0 | 0 | 4 | 7 | 4 | 32 |
| HIV | 7 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 9 |
| Syphilis (early infectious) | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 6 |
| Total | 96 | 10 | 9 | 2 | 1 | 22 | 17 | 9 | 166 |

Table 3: HIV & Sexually Transmitted Infections by HSE area*: annual cumulative figures week 1 - week 36, 2020

| | E | M | MW | NE | NW | S | SE | W | Annual total, 2020 |
|-----------------------------------|-------------|------------|------------|------------|------------|------------|------------|------------|--------------------|
| Chlamydia trachomatis infection | 2326 | 145 | 309 | 203 | 157 | 559 | 332 | 365 | 4396 |
| Gonorrhoea | 1014 | 20 | 73 | 42 | 22 | 121 | 78 | 77 | 1447 |
| Herpes simplex (genital) | 468 | 24 | 46 | 22 | 13 | 79 | 76 | 53 | 781 |
| HIV | 230 | 8 | 16 | 15 | 7 | 28 | 14 | 16 | 334 |
| Lymphogranuloma venereum | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9 |
| Syphilis (early infectious) | 280 | 10 | 8 | 18 | 4 | 20 | 10 | 12 | 362 |
| Trichomoniasis | 9 | 3 | 10 | 0 | 0 | 1 | 2 | 1 | 26 |
| Cumulative total this year | 4334 | 210 | 462 | 300 | 203 | 808 | 512 | 526 | 7355 |

* See note 4 on page 8



Table 4: HIV & Sexually Transmitted Infections by age group for week 36, 2020

| | 0-14 yrs | 15-19 yrs | 20-24 yrs | 25-29 yrs | 30-34 yrs | 35-39 yrs | 40-44 yrs | 45-49 yrs | 50-59 yrs | 60+ yrs | Unkno wn | Weekly total |
|---------------------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|--------------|
| Chlamydia trachomatis infection | 0 | 8 | 39 | 20 | 15 | 5 | 2 | 0 | 1 | 1 | 0 | 91 |
| Gonorrhoea | 0 | 0 | 8 | 7 | 5 | 3 | 2 | 0 | 2 | 1 | 0 | 28 |
| Herpes simplex (genital) | 0 | 1 | 6 | 11 | 5 | 4 | 2 | 1 | 2 | 0 | 0 | 32 |
| HIV | 0 | 0 | 0 | 0 | 3 | 2 | 2 | 0 | 0 | 2 | 0 | 9 |
| Syphilis (early infectious) | 0 | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 6 |
| Weekly Total | 0 | 9 | 55 | 39 | 29 | 15 | 8 | 1 | 6 | 4 | 0 | 166 |

Table 5: HIV & Sexually Transmitted Infections by age group: annual cumulative figures week 1 - week 36, 2020

| | 0-14 yrs | 15-19 yrs | 20-24 yrs | 25-29 yrs | 30-34 yrs | 35-39 yrs | 40-44 yrs | 45-49 yrs | 50-59 yrs | 60+ yrs | Unkno wn | Annual total, 2020 |
|-----------------------------------|-----------|------------|-------------|-------------|-------------|------------|------------|------------|------------|-----------|----------|--------------------|
| Chlamydia trachomatis infection | 10 | 444 | 1746 | 1043 | 546 | 285 | 149 | 81 | 71 | 18 | 3 | 4396 |
| Gonorrhoea | 2 | 128 | 310 | 309 | 287 | 168 | 97 | 58 | 70 | 17 | 1 | 1447 |
| Herpes simplex (genital) | 3 | 67 | 197 | 184 | 117 | 85 | 42 | 28 | 34 | 24 | 0 | 781 |
| HIV | 0 | 2 | 18 | 59 | 86 | 57 | 36 | 26 | 32 | 17 | 1 | 334 |
| Lymphogranuloma venereum | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 0 | 0 | 9 |
| Syphilis (early infectious) | 0 | 4 | 29 | 71 | 89 | 64 | 26 | 33 | 33 | 10 | 3 | 362 |
| Trichomoniasis | 0 | 2 | 4 | 1 | 6 | 9 | 2 | 0 | 1 | 1 | 0 | 26 |
| Cumulative total this year | 15 | 647 | 2305 | 1668 | 1132 | 670 | 353 | 227 | 243 | 87 | 8 | 7355 |



Table 6: HIV & Sexually Transmitted Infections by gender for week 36, 2020

| | Male | Female | Unknown | Not Specified | Weekly total |
|---------------------------------|------------|-----------|----------|---------------|--------------|
| Chlamydia trachomatis infection | 51 | 39 | 1 | 0 | 91 |
| Gonorrhoea | 25 | 3 | 0 | 0 | 28 |
| Herpes simplex (genital) | 11 | 21 | 0 | 0 | 32 |
| HIV | 8 | 1 | 0 | 0 | 9 |
| Lymphogranuloma venereum | 0 | 0 | 0 | 0 | 0 |
| Syphilis (early infectious) | 5 | 1 | 0 | 0 | 6 |
| Trichomoniasis | 0 | 0 | 0 | 0 | 0 |
| Weekly Total | 100 | 65 | 1 | 0 | 166 |

Table 7: HIV & Sexually Transmitted Infections by gender: annual cumulative figures week 1 - week 36, 2020

| | Male | Female | Unknown | Not Specified | Annual total, 2020 |
|-----------------------------------|-------------|-------------|-----------|---------------|--------------------|
| Chlamydia trachomatis infection | 2180 | 2198 | 17 | 1 | 4396 |
| Gonorrhoea | 1243 | 201 | 3 | 0 | 1447 |
| Herpes simplex (genital) | 226 | 553 | 1 | 1 | 781 |
| HIV | 263 | 71 | 0 | 0 | 334 |
| Lymphogranuloma venereum | 8 | 1 | 0 | 0 | 9 |
| Syphilis (early infectious) | 332 | 29 | 1 | 0 | 362 |
| Trichomoniasis | 0 | 26 | 0 | 0 | 26 |
| Cumulative total this year | 4252 | 3079 | 22 | 2 | 7355 |



Table 8: HIV & Sexually Transmitted Infections by case classification for week 36, 2020

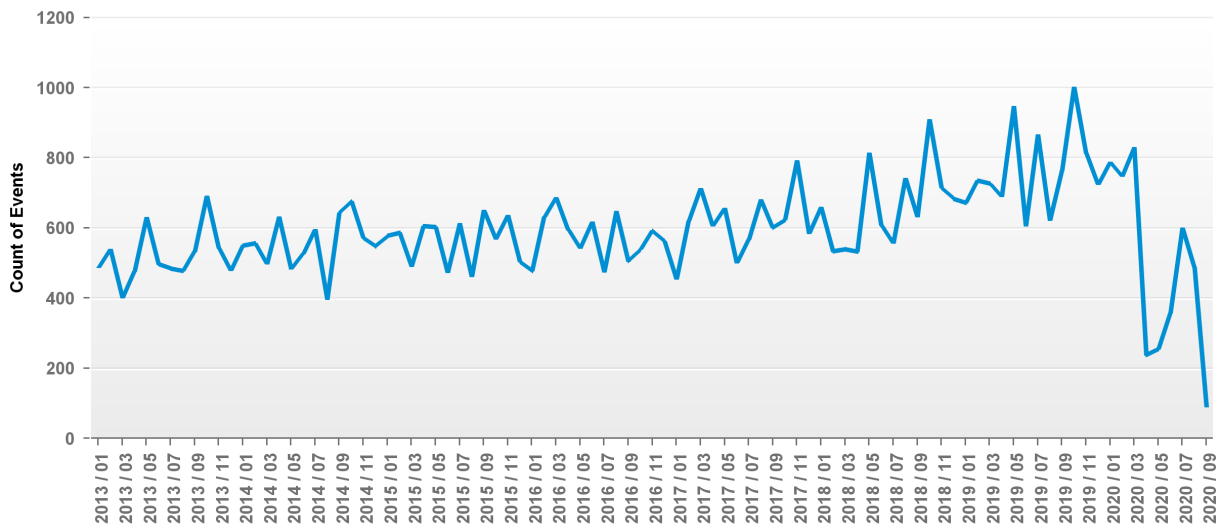
| | Confirmed | Probable | Possible | Not Specified | Weekly total |
|---------------------------------|------------|----------|----------|---------------|--------------|
| Chlamydia trachomatis infection | 91 | 0 | 0 | 0 | 91 |
| Gonorrhoea | 28 | 0 | 0 | 0 | 28 |
| Herpes simplex (genital) | 32 | 0 | 0 | 0 | 32 |
| HIV | 9 | 0 | 0 | 0 | 9 |
| Lymphogranuloma venereum | 0 | 0 | 0 | 0 | 0 |
| Syphilis (early infectious) | 6 | 0 | 0 | 0 | 6 |
| Trichomoniasis | 0 | 0 | 0 | 0 | 0 |
| Weekly Total | 166 | 0 | 0 | 0 | 166 |

Table 9: HIV & Sexually Transmitted Infections by case classification: annual cumulative figures week 1 - week 36, 2020

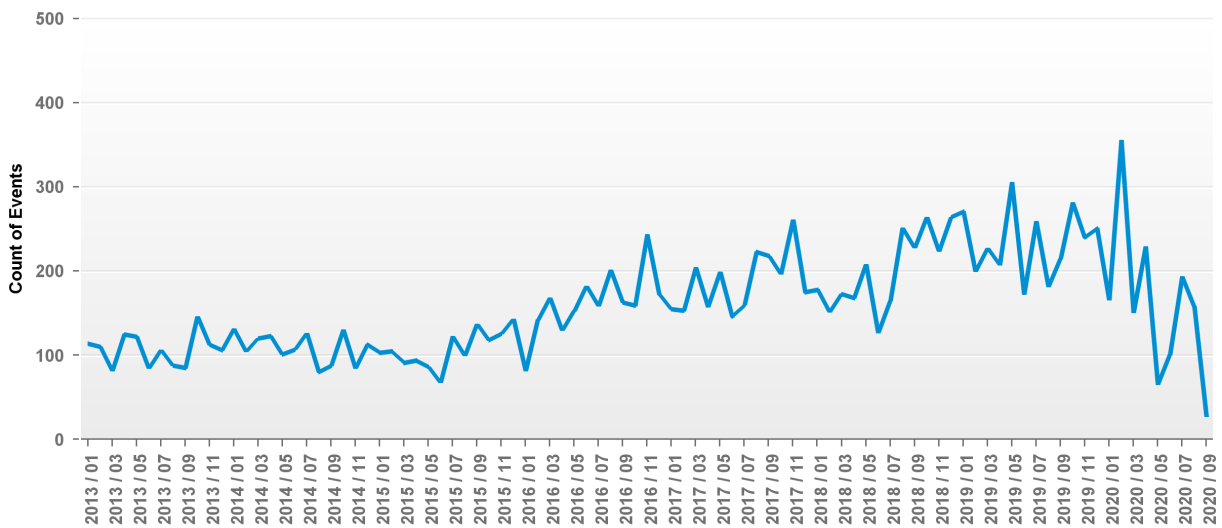
| | Confirmed | Probable | Possible | Not Specified | Annual total, 2020 |
|-----------------------------------|-------------|-----------|----------|---------------|--------------------|
| Chlamydia trachomatis infection | 4396 | 0 | 0 | 0 | 4396 |
| Gonorrhoea | 1446 | 1 | 0 | 0 | 1447 |
| Herpes simplex (genital) | 777 | 4 | 0 | 0 | 781 |
| HIV | 334 | 0 | 0 | 0 | 334 |
| Lymphogranuloma venereum | 8 | 1 | 0 | 0 | 9 |
| Syphilis (early infectious) | 348 | 6 | 8 | 0 | 362 |
| Trichomoniasis | 26 | 0 | 0 | 0 | 26 |
| Cumulative total this year | 7335 | 12 | 8 | 0 | 7355 |



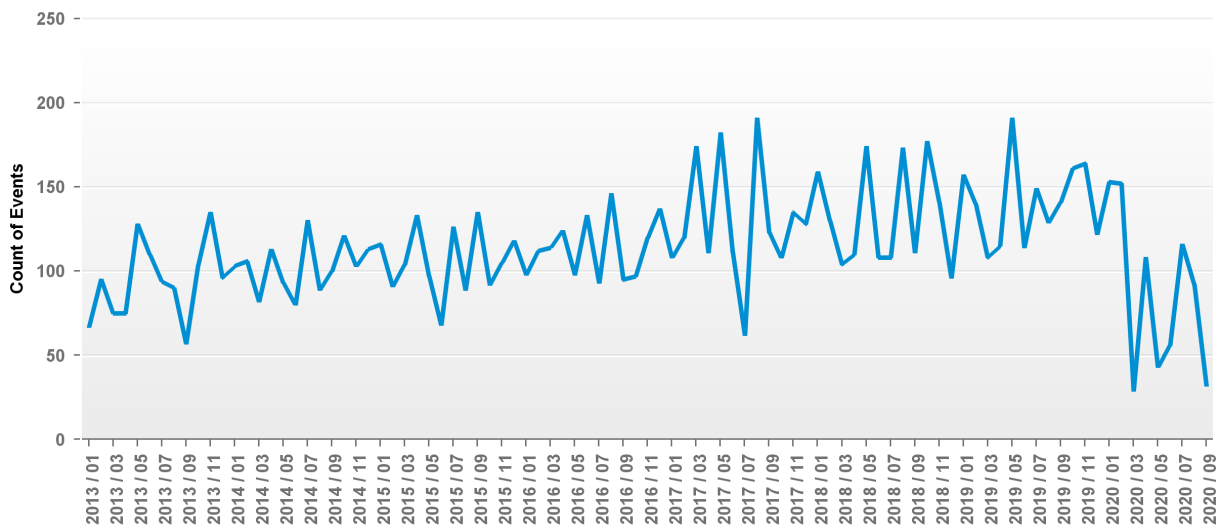
Graph 1: Chlamydia notifications by month, week 1, 2013 - week 36, 2020



Graph 2 : Gonorrhoea notifications by month, week 1, 2013 - week 36, 2020

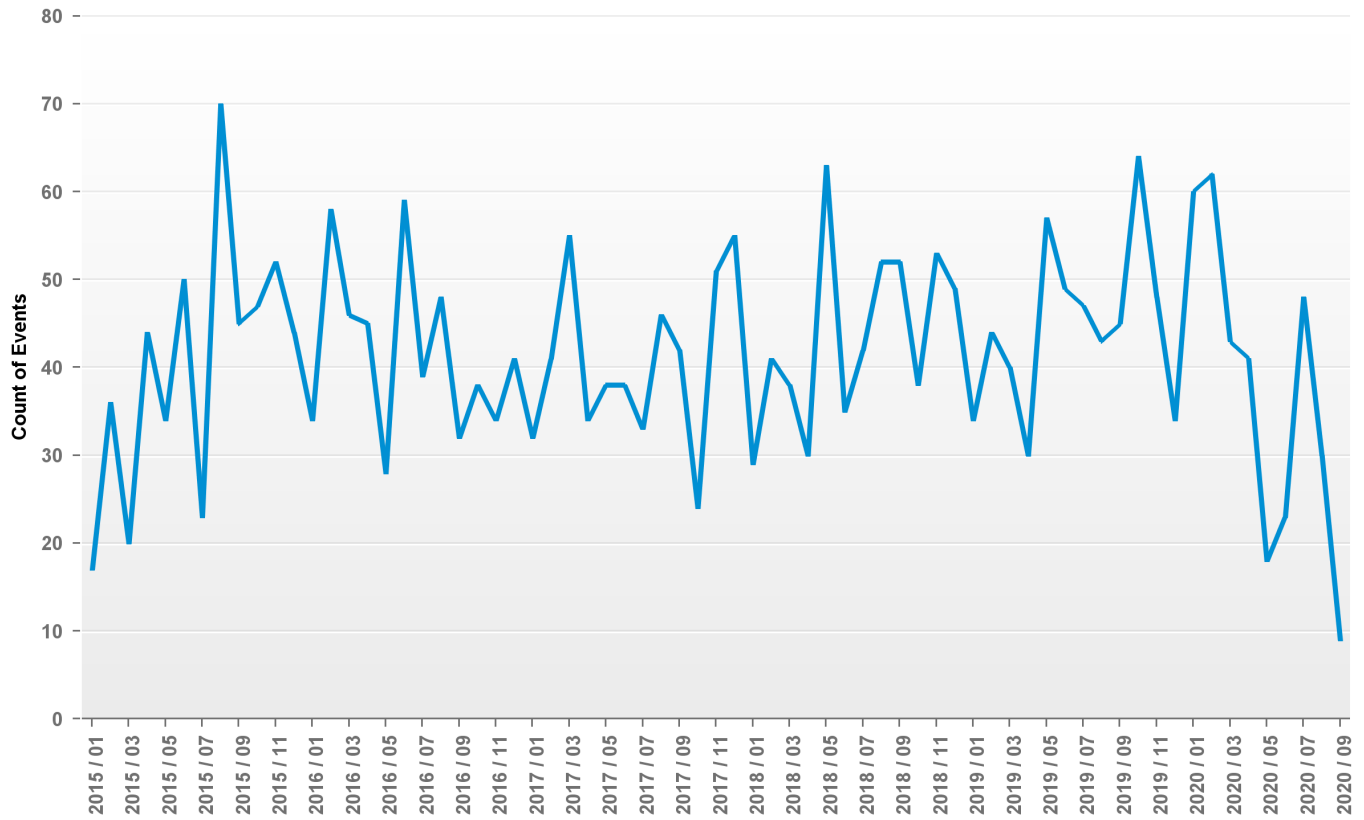


Graph 3: Herpes simplex (genital) notifications by month, week 1, 2013 - week 36, 2020

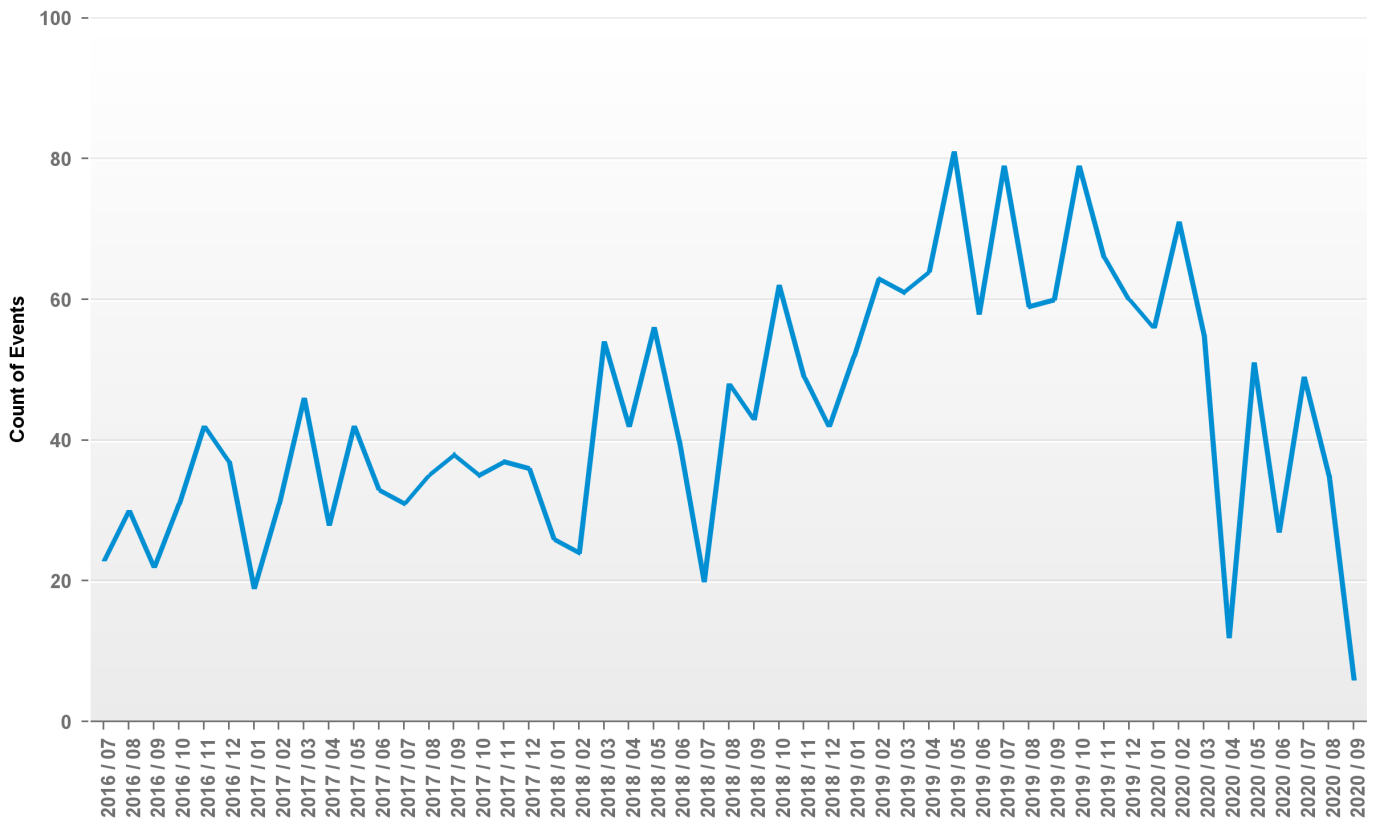




Graph 4: HIV notifications by month, week 1, 2015 - week 36, 2020



Graph 5: Syphilis notifications by month, week 27, 2016 - week 36, 2020





Guidance notes

1. This report contains data on notifiable STIs (excluding Ano-Genital Warts (AGW) and Non-Specific Urethritis (NSU)), and HIV reported weekly to Departments of Public Health from clinical or laboratory sources. Data included in this report are based on the date the information is entered into/authorised on CIDR by Public Health.

2. Data for this report are provisional and were extracted from CIDR on 09 September 2020, and were correct at the time that data were extracted. Information from previous years is updated on an ongoing basis in CIDR, therefore data in this report may be updated in future reports.

3. Aggregate data on AGW and NSU are reported to HPSC on a quarterly basis from Departments of Public Health and are reported in the annual STI reports.

4. The counties covered by each HSE area are as follows:
HSE East (E): Dublin, Kildare & Wicklow;
HSE Midlands (M): Laois, Longford, Offaly & Westmeath;
HSE Midwest (MW): Clare, Limerick & N. Tipperary;
HSE Northeast (NE): Cavan, Louth, Meath & Monaghan;
HSE Northwest (NW): Donegal, Leitrim & Sligo;
HSE South (S): Kerry & Cork;
HSE Southeast (SE): Carlow, Kilkenny, S. Tipperary, Waterford & Wexford;
HSE West (W): Galway, Mayo & Roscommon.

5. The Irish case definition for syphilis changed on 1st January, 2014 and from this date, syphilis notifications include early (infectious) syphilis only. Direct comparison of 2014 syphilis notification data with notification data for previous years (which includes non-infectious cases) is not valid. In July, 2016, the laboratory criteria were updated and since January, 2019, symptomatic cases which do not meet the laboratory criteria are notifiable as probable cases.

6. Case definitions for HIV and STIs are available on the HPSC website at <https://www.hpsc.ie/notifiablediseases/casedefinitions/>