NPHE ET COVID Update
25th November 2021
## Current situation

<table>
<thead>
<tr>
<th></th>
<th>01-Oct</th>
<th>26-Oct (2nd wave peak 14 day inc.)</th>
<th>01-Dec</th>
<th>01-Jan</th>
<th>14-Jan (3rd wave peak 14 day inc.)</th>
<th>20-Jun (lowest 2021 14 day inc.)</th>
<th>17-Nov (1 week ago)</th>
<th>24-Nov</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-day incidence</td>
<td>96.08</td>
<td>306.39</td>
<td>86.90</td>
<td>320.59</td>
<td>1494.31</td>
<td>89.65</td>
<td>1210.43</td>
<td>1287.63</td>
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<tr>
<td>5-day average cases</td>
<td>407.0</td>
<td>919.2</td>
<td>261.0</td>
<td>1476.6</td>
<td>4458.4</td>
<td>313.8</td>
<td>4209.8</td>
<td>4665.0</td>
</tr>
<tr>
<td>Total weekly cases</td>
<td>2,607</td>
<td>7,000</td>
<td>1,893</td>
<td>9,417</td>
<td>35,365</td>
<td>2,071</td>
<td>30,206</td>
<td>31,109</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>01-Oct</th>
<th>26-Oct (2nd wave peak 14 day inc.)</th>
<th>01-Dec</th>
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<th>14-Jan (3rd wave peak 14 day inc.)</th>
<th>20-Jun (lowest 2021 14 day inc.)</th>
<th>17-Nov (1 week ago)</th>
<th>24-Nov</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Hospital (8.A.M)</td>
<td>122</td>
<td>344</td>
<td>224</td>
<td>508</td>
<td>1792</td>
<td>49</td>
<td>634</td>
<td>611</td>
</tr>
<tr>
<td>No. in ICU (11.30 A.M)</td>
<td>20</td>
<td>39</td>
<td>30</td>
<td>42</td>
<td>176</td>
<td>15</td>
<td>119</td>
<td>132</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>APR21</th>
<th>MAY21</th>
<th>JUN21</th>
<th>JUL21</th>
<th>AUG21</th>
<th>SEP21</th>
<th>OCT21</th>
<th>NOV21</th>
<th>Unknown</th>
<th>Total since Mar2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reported in latest week (to 24/11/2021)</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>32</td>
<td>4</td>
<td>43*</td>
</tr>
<tr>
<td>Total</td>
<td>101</td>
<td>42</td>
<td>19</td>
<td>20</td>
<td>175</td>
<td>198</td>
<td>198</td>
<td>112</td>
<td>30</td>
<td>5,652</td>
</tr>
</tbody>
</table>

* Data refers to latest available information at 12pm 24th Nov

*2 newly notified deaths were from earlier than Apr21
Cases, numbers in hospital and intensive care

The average daily case count has almost doubled over the past three weeks, from ≈ 2400 to ≈ 4500 cases per day. The 14-day incidence is approaching the highest ever recorded. The numbers of people in hospital and ICU are high, increasing more slowly, and may increase significantly in the coming weeks. The step change in numbers of people in hospital and ICU between 10 November and 17 November is noteworthy.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Cases confirmed per day</strong></td>
<td>859</td>
<td>8.7</td>
<td>1158</td>
<td>262</td>
<td>6516</td>
<td>308</td>
<td>2559</td>
<td>3920</td>
<td>4316</td>
<td>4444</td>
</tr>
<tr>
<td><strong>14-day incidence</strong></td>
<td>212</td>
<td>3.0</td>
<td>306</td>
<td>79</td>
<td>1531</td>
<td>91</td>
<td>676</td>
<td>952</td>
<td>1211</td>
<td>1288</td>
</tr>
<tr>
<td><strong>per 100,000 population</strong></td>
<td></td>
<td>04-07</td>
<td>09-12</td>
<td>09-12</td>
<td>15-01</td>
<td>20-06</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hospital in-patients</strong></td>
<td>881</td>
<td>9</td>
<td>354</td>
<td>198</td>
<td>2020</td>
<td>43</td>
<td>487</td>
<td>487</td>
<td>585</td>
<td>647</td>
</tr>
<tr>
<td><strong>Hospital admissions per day</strong></td>
<td>85</td>
<td>&lt;1</td>
<td>27</td>
<td>11</td>
<td>158</td>
<td>6</td>
<td>59</td>
<td>60</td>
<td>74</td>
<td>72</td>
</tr>
<tr>
<td><strong>ICU confirmed cases</strong></td>
<td>155</td>
<td>4</td>
<td>47</td>
<td>26</td>
<td>219</td>
<td>13</td>
<td>93</td>
<td>81</td>
<td>108</td>
<td>124</td>
</tr>
<tr>
<td><strong>ICU admissions per day</strong></td>
<td>14</td>
<td>&lt;1</td>
<td>4</td>
<td>1</td>
<td>20</td>
<td>&lt;1</td>
<td>6</td>
<td>7</td>
<td>9</td>
<td>9</td>
</tr>
</tbody>
</table>

Data are 7-day averages (the indicated day and the preceding 6 days, rounded to the nearest whole number) with the exception of 14 day cumulative incidence, which is the total number of cases in the preceding 14 days per 100,000 population. The highest and lowest values of each indicator are given for each wave of the pandemic, along with the date on which that value was recorded, as well as the data for recent weeks. The historic incidence data may change due to denotification of cases.
Cases & Incidence Rates
Cases per day

Daily count and 7-day rolling average. Case numbers have increased rapidly over the last 7 weeks, with a step-change in incidence from 22 October 2021 and during the mid-term break: the 7-day average is now **4444**, up from **4316** seven days ago, **3920** two weeks ago and **2559** three weeks ago.
30,533 cases were confirmed in epidemiological week 46 of 2021; we have reported a higher number of cases in only one week of the pandemic to date. It is apparent also that there was a step change in incidence in the first week of November (epidemiological week 44, commencing 31 October 2021).

CIDR data to midnight Sun 21 Nov 2021. Cases dated by date notified to HPSC (event creation date).
Cases per day

Daily count and 7-day rolling average on a logarithmic scale where exponential growth will appear as a straight line. There is a period of rapid growth from 22 October to 8 November, after which case counts increase at a slower rate. Given testing capacity has been reached, case counts should be interpreted with caution.

Daily cases by notification date (points) and 7-day average case count by notification date (black line) amd specimen collection date (blue line). Note logarithmic scale. CİDR data to midnight Tue 23 Nov 2021. Data by specimen collection date truncated 4 days before report.
Cumulative incidence

7-day and 14-day cumulative incidence per 100,000 population. The 14-day cumulative incidence, at **1288 per 100,000** is **84% of its highest value** to date (1531 in January 2020).

7-day (green) and 14-day (black) cumulative incidence per 100,000 population.
CIDR data to midnight Tue 23 Nov 2021. Cases dated by date notified to HPSC (event creation date).
Age-specific incidence (excl. LTRF and hospital outbreaks)

Incidence has risen across all age groups, and is highest in those aged 5-12 years. This is driven by very high levels of infection in adults, primarily through household and community transmission, along with the fact that children under 12 are not yet protected through vaccination. The increase in incidence in those aged 13-18 and 19-24 years during the mid-term break is noteworthy.

Age-specific incidence (cases per day per 100,000 population). 7-day moving average.
Cases associated with outbreaks in long-term residential facilities (LTRF) and outbreaks in hospitals excluded.
CIDR data to midnight Tue 23 Nov 2021. Cases dated by date notified to HPSC (event creation date).
Age-specific incidence (children and adolescents)

This analysis examines incidence in children and adolescents in narrow age bands. It shows a gradient in incidence in children under 12 years of age, with the incidence in the 9-11 age group three times that in the 0-4 age group. The incidence in those aged 13-18 years tripled in the course of the mid-term break, and stabilised as they returned to school.
Booster vaccination

The percentage of the population in each age cohort who have received an additional (booster) dose of vaccine. 50% of people over 80 years of age had received a booster dose by 21 October 2021. 50% booster coverage was achieved in 75-79 year olds by 16 November 2021, and 70-74 year olds by 22 November 2021.
Age-specific incidence (excl. LTRF and hospital outbreaks)

The impact of recent booster vaccination of those aged 80 and over is clear, and is beginning to become apparent in those aged 75-79 years: these are the only age groups in which incidence is declining.
Testing
Tests and test positivity

The demand for testing is higher than it has been at any point in the pandemic and continues to increase. Test positivity has rarely been higher, now over 18% for public health laboratories, and 6% for tests conducted in hospital laboratories.
Tests and test positivity

Test positivity has decreased slightly in recent days, in public health and hospital laboratories.

Total tests reported per day (black) and % of tests reported positive (red) for tests conducted in public health laboratories (NVRL and Cherry Orchard, solid lines) and tests conducted in hospital laboratories (dotted lines). 7-day moving averages.
Testing by age

Testing rates are very high in those aged 12 and under, at approximately 800 tests per 100,000 people per day, so over 5% of the population is being tested every week. This means that case ascertainment in these age groups will be elevated.
Test positivity by age
Test positivity appears to be stabilizing across all age groups.

Percentage of tests each day reported as positive (7-day moving average) by age group. Laboratory testing data to Tue 23 Nov 2021.
Confirmed cases in acute hospitals

The number of people in hospital with confirmed SARS-CoV-2 infection. The number of people in hospital is high at 611. The number of admissions and newly confirmed cases in hospital per day is high at 72 per day. Note step change in admissions and number in hospital in second week of November.

Number of in-patients with COVID-19 (blue line) and number of newly admitted or newly confirmed cases per day (columns, with 7-day moving average, black line, secondary y-axis) on HSE acute hospital sites. HSE PMIU-SDU data to Wed 24 Nov 2021.
Confirmed cases in intensive care

The number of people in ICU with confirmed SARS-CoV-2 infection and the number requiring mechanical ventilation are high and variable. 132 people in ICU, 83 mechanically ventilated, average 9 admissions per day. Note step change in admissions and number ventilated in second week of November.
Vaccination Status of COVID-19 cases admitted to ICU in Ireland in October and November 2021 (to November 20th)

Where vaccination status known for ICU admissions in October:

- 53% were unvaccinated
- 3% were partially vaccinated
- 44% were fully vaccinated

Where vaccination status was known for ICU admissions in November (to 20th November):

- 51% were unvaccinated
- 4% were partially vaccinated
- 45% were fully vaccinated

CIDR data extracted at 9.30am on November 22nd 2021
The number of admissions per 1000 cases has fallen from 30-35 admissions to under 20 admissions per 1000 cases in recent weeks; most likely this is due to vaccine protection against severe outcomes being relatively well preserved while protection against infection wanes. This ratio is unlikely to fall further, and paradoxically may increase as older people receive booster vaccinations restoring some protection against infection.
Given the focus on high incidence in children, it is important to highlight that the risk of severe disease is very low. The risk of hospitalisation is lower for 5-12 year olds than any other age group and is decreasing. The hospitalisation rate was 5 per 1000 and has fallen to 2 per 1000, suggesting increased case ascertainment. This contrasts with a hospitalisation rate of 10 per 1000 in 0-4 and 19-44 year olds, and 100 per 1000 in 75-84 year olds.
The recent surge in cases has been associated with increased numbers of people hospitalized in all age groups over 25 years of age, but little increase in hospitalisation in those aged under 25 years.

Cases hospitalised per 100,000 population per day (moving average)

Cases admitted to hospital per 100,000 population by age band. Cases assigned to the date they were notified not the date of admission. 21-day moving average. CIDR data to midnight Tue 23 Nov 2021.
Deaths
Deaths per day are increasing very slowly at approximately 7 per day, or 200 deaths per month. This may increase, given the very high case counts, though booster vaccination of those aged 80 years and older should reduce mortality.

Deaths each day (bars) by date of death, with 7-day moving average (line). CIDR data to midnight Tue 23 Nov 2021.
Vaccination status of laboratory confirmed COVID-19 cases who died due to COVID-19 in October and November 2021 (to 20\textsuperscript{th} November)

Confirmed COVID-19 cases who died in October 2021:

- **Unvaccinated/Not registered on COVAX as vaccinated**: 29.3%
- Partially vaccinated: 1.1%
- Fully vaccinated: 69.7%
- Fully vaccinated and epidemiological date ≥ 14 days after vaccination: 62.8%

Confirmed COVID-19 cases who died in November 2021 (to 20\textsuperscript{th} November)

- **Unvaccinated/Not registered on COVAX as vaccinated**: 22.0%
- Partially vaccinated: 1.2%
- Fully vaccinated: 74.4%
- Fully vaccinated and epidemiological date ≥ 14 days after vaccination: 65.9%

Data were extracted from CIDR on 22/11/2021 at 10.00 am.
Week 44, 2021

Excess in z-scores
- Extraordinary high excess ($z > 15$)
- Very high excess ($10 < z \leq 15$)
- High excess ($7 < z \leq 10$)
- Moderate excess ($4 < z \leq 7$)
- Low excess ($2 < z \leq 4$)
- No excess ($z \leq 2$)
- No data

Week of study: 46, 2021. Must be interpreted with caution as adjustments for delayed registrations may be imprecise.

Source: EuroMOMO
Outbreaks & Clusters
Outbreaks – Week 46 2021 (to midnight 20th November 2021)

In Week 46 2021, there were 124 COVID-19 outbreaks notified:

**Key settings:**

**Nursing Homes & Community Hospitals**
Eight new nursing home and community hospital outbreaks this week – 34 linked cases (range 2-7)

**Acute hospitals**
Eight new acute hospital outbreaks notified this week with 37 linked cases (range 2-18)

**Residential institution outbreaks**
Twenty-four new outbreaks reported this week - 94 linked cases (range 1-10)

**Vulnerable groups**
Seven new outbreaks associated with Irish Travellers, involving 22 cases (range: 4-8 cases), one outbreak associated with Roma (9 cases), one with homeless (7 cases) and one outbreak associated with a Direct Provision Service (9 cases)

**Workplace outbreaks**
4 new outbreaks in food industry with 15 linked cases (range: 2-8 cases)
An additional 6 workplace outbreaks in other workplace types with 18 linked cases (range: 1-10 cases)

**Schools**
24 new outbreaks in week 46 with 139 cases (range: 2-16)
14 outbreaks (involving 105 cases) were in primary schools and 10 outbreaks (involving 34 cases) were in special education schools

**Childcare facilities**
Six childcare facility outbreaks, involving 27 cases (range: 2-12 cases)

*Regional Departments of Public Health are prioritising Public Health Risk Assessments and outbreak investigations in settings that have the greatest clinical need or would benefit most from Public Health intervention. For this reason, outbreaks in some settings may be underestimated.*

Data source: CIDR November 23rd 2021, data to midnight November 20th 2021
Weekly number of COVID-19 outbreaks in Nursing Homes and Community Hospitals, wave 4 (weeks 26-46 2021)

Wave 4:

- 155 nursing home and community hospital/long stay unit COVID-19 outbreaks notified.
- The number of outbreaks in these settings in the last 15 weeks has been relatively stable, but was highest in week 40, with 14 outbreaks in that week.

Data source: CIDR November 22nd 2021, data to midnight November 20th 2021
Cases linked to COVID-19 outbreaks in Nursing Homes and Community Hospitals by age group, wave 4 (weeks 26-46 2021)

Wave 4:

- Across wave 4, 59% (1258/2091) of linked cases were 65 years of age or more; in the last 3 weeks, just 42% (85/202) were 65 years of age or more.
COVID-19 outbreaks in Acute Hospitals, wave 4 (weeks 26-46 2021)

Update on week 46
- There were eight new COVID-19 outbreaks in acute hospitals settings in week 46
- 37 cases were linked to these outbreaks (range 2-18 cases per outbreak)

Overview wave 4
- Since week 26 2021, there have been 158 COVID-19 outbreaks in acute hospitals settings, with 881 associated confirmed cases

Data source: CIDR November 23rd 2021, data to midnight November 20th 2021
COVID-19 outbreaks in Residential Institutions, wave 4 (weeks 26-46 2021)

Update on week 46

- 24 new COVID-19 outbreaks were reported in Residential Institutions in week 46
  - 16 were in disability settings
  - two in prison settings
  - one each in a children's/TUSLA residential centre, a direct provision centre, a mental health facility, a homeless facility
  - 2 in other/unspecified locations

- 94 cases were associated with these outbreaks

Overview wave 4

- Since week 26 2021, there have been 196 COVID-19 outbreaks in Residential Institutions, with 908 associated cases
  - 119 were in disability settings (527 cases)
  - 20 were in Children's/TUSLA residential centres (64 cases)
  - 13 outbreaks in homeless facilities (52 cases)
  - 11 outbreaks were in mental health facilities (38 cases)
  - 33 outbreaks were in other residential settings (227 cases)

Data source: CIDR November 23rd 2021, data to midnight November 20th 2021
Acute operations key data

Weekly no. of Hospital-Acquired Covid-19 National Totals
Week ending 10th January 2021 - 14th November 2021

No. of New Laboratory Confirmed Cases of Covid-19 in Hospital Staff National Totals
Week ending 10th January 2021 - 14th November 2021

No. of Currently Open Outbreaks of Covid-19 National Totals
Week ending 10th January 2021 - 14th November 2021

Source: AMRIC, HSE
Community operations key data

Number of new outbreaks

- Older Persons RCF
- Disabilities
- Mental Health

Number of currently open outbreaks

- Older Persons RCF
- Disabilities
- Mental Health

Source: AMRIC, HSE
Test & Trace Update
Test and Trace update

- All pillars of the testing pathway are operating at maximum capacity (*referrals, swabbing, laboratory testing and contact tracing*).  
  - In the week to 23rd Nov **206,256** laboratory tests were completed, this is the highest volume of lab tests completed to date in a 7-day period.
- Community referrals have **increased by 10%** in comparison to the same time-period last week while **community positivity is now at 19.4%**.
- Swabs completed in the community was **169,934**, this is an **8% increase** in comparison to the same time-period last week.
- The highest day over the past week reached **27,960 swabs** (including test centre and outbreak referrals) which is in excess of standing capacity.
- Monday, 22nd November 2021 reported the single highest day for testing referrals to date. Over **36,610** referrals were recorded in total, with **16,111** of these being self-referrals.
- The median end to end TAT for a not detected result in the Community is **1.2 days**
- The median end to end TAT for a detected result in the Community is **2.7 days**
- Antigen tests being distributed to approx. >3,500 fully vaccinated close contacts per day

*Sources: HSE – COVID-19 Contact Management Programme Weekly report and HSE Test and Trace Reports*
**CMP update**

- The average number of cases managed by the CMP per day during the week ending 21/11/21 was 4653, **an increase of 10% from 4242 cases the previous week**. The average number of close contacts reported to the CMP per day for the week ending 21/11/21 was 8587, **an increase of 8% from 7943 the previous week**. Household contacts accounted for 59.7% (N=13602).

- For close contacts created the week ending 07/11/2021: 14953 were referred for antigen testing. Of these, a confirmatory PCR test result was identified for 242 close contacts. 176 (72.7%) of these tests were positive.

- For the week ending 07/11/21, 80% (n=5984) of the close contacts referred for a Test 1 and 66% (n=2074) referred for a Test 2 attended for testing. Test 1 results were available for 5842 close contacts. 23.2% (n=1475) of these had a positive result. Test 2 results were available for 1501 close contacts, of these 11% (n=165) had a positive result. Overall, 26.2% (n=1640) of the close contacts tested had a positive result.

- The mean number of close contacts per case (excluding cases with zero close contacts) was 3.3 for the week ending 21/11/2021, a decrease from 3.5 the previous week.
Variants update

Total confirmed variants of concern cases:

- P.1 (Gamma): 33
- B.1.351 (Beta): 77

Total of other confirmed variants of note/of interest cases:

- B.1.1.318: 247
- C.37 (Lambda): 4
- B.1.621 (Mu): 4

Delta sublineage:
AY.4.2: 123

*(Based on latest NVRL results as of 22.11.21)*

Source: HPSC  
(23.11.21)
Growth rate

Growth rate for cases has reduced over the last 10 days and is now close to zero being estimated at -0.2% per day (-2.7% to + 2.4%) over a 14-day window and +0.4% per day (-1.0% to 1.9%) over a 21-day window. The number of people in hospital is growing slowly, growth rate 1.4% (0.8% to 2.0%) per day over a 14-day window. This growth rate compares with growth rates of 4-7% per day in September and October 2020 and July 2021, and in excess of 10% per day in January 2021.
Situation analysis 24 November 2021

• Incidence high
  • Cases (7-day average) 4444, up from 4316 seven days ago, 3920 two weeks ago and 2559 three weeks ago
  • 14-day incidence 1288 per 100,000 (83% of its highest ever value)
  • Incidence increasing across all age groups except those 75 and above
    • Increase in incidence in 13-24 year olds during mid-term break
    • Incidence in children aged 0-12 highest, but high case ascertainment
  • 611 in hospital, 132 in ICU, 83 ventilated
  • Test positivity very high across all age groups but has stabilized

• Growth rate has decreased over the last 10 days
  • Cases: growth rate close to zero
  • Numbers in hospital: 1-2% per day

• Clearly driven by increased social contact and reduced risk mitigation

• Future trajectory uncertain
  • Infection: balance between waning immunity, unknown prior infection-induced immunity, and effective social contact
  • Severe disease: vaccine protection preserved, but very high force of infection
  • 1000-2000 people in hospital and 150-250 people in ICU (plus others on advanced respiratory support) are likely scenarios if levels of infection do not decrease in the next few weeks
  • Models being re-run to include this week’s data
European Data
<table>
<thead>
<tr>
<th>EU and the UK</th>
<th>14 day incidence</th>
<th>Previous 14 day incidence</th>
<th>% change in 14 day incidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slovakia</td>
<td>2435.67</td>
<td>1665.73</td>
<td>46%</td>
</tr>
<tr>
<td>Slovenia</td>
<td>2158.2</td>
<td>1813.61</td>
<td>19%</td>
</tr>
<tr>
<td>Austria</td>
<td>1992.19</td>
<td>1050</td>
<td>90%</td>
</tr>
<tr>
<td>Czechia</td>
<td>1768.18</td>
<td>866.12</td>
<td>104%</td>
</tr>
<tr>
<td>Croatia</td>
<td>1692.89</td>
<td>1425.16</td>
<td>19%</td>
</tr>
<tr>
<td>Belgium</td>
<td>1692.22</td>
<td>901.65</td>
<td>88%</td>
</tr>
<tr>
<td>Netherlands</td>
<td>1542.19</td>
<td>762.48</td>
<td>102%</td>
</tr>
<tr>
<td><strong>Ireland</strong></td>
<td><strong>1268.35</strong></td>
<td><strong>923.92</strong></td>
<td><strong>37%</strong></td>
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<tr>
<td>Hungary</td>
<td>1220.96</td>
<td>647.4</td>
<td>89%</td>
</tr>
<tr>
<td>Lithuania</td>
<td>1020.24</td>
<td>1428.7</td>
<td>-29%</td>
</tr>
<tr>
<td>Greece</td>
<td>900.1</td>
<td>738.97</td>
<td>22%</td>
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<tr>
<td>Denmark</td>
<td>885.33</td>
<td>507.56</td>
<td>74%</td>
</tr>
<tr>
<td>Estonia</td>
<td>877.76</td>
<td>1695.08</td>
<td>-48%</td>
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<tr>
<td>United Kingdom</td>
<td>841.11</td>
<td>758.49</td>
<td>11%</td>
</tr>
<tr>
<td>Germany</td>
<td>785.65</td>
<td>405.99</td>
<td>94%</td>
</tr>
<tr>
<td>Latvia</td>
<td>753.11</td>
<td>1506.27</td>
<td>-50%</td>
</tr>
<tr>
<td>Poland</td>
<td>668.09</td>
<td>378.43</td>
<td>77%</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>536.2</td>
<td>882.76</td>
<td>-39%</td>
</tr>
<tr>
<td>Cyprus</td>
<td>535.38</td>
<td>299.66</td>
<td>79%</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>522.52</td>
<td>370.97</td>
<td>41%</td>
</tr>
<tr>
<td>France</td>
<td>324.4</td>
<td>146.87</td>
<td>121%</td>
</tr>
<tr>
<td>Portugal</td>
<td>265.65</td>
<td>128.12</td>
<td>107%</td>
</tr>
<tr>
<td>Romania</td>
<td>252.31</td>
<td>684.06</td>
<td>-63%</td>
</tr>
<tr>
<td>Finland</td>
<td>238.36</td>
<td>175.82</td>
<td>36%</td>
</tr>
<tr>
<td>Italy</td>
<td>204.46</td>
<td>117.5</td>
<td>74%</td>
</tr>
<tr>
<td>Malta</td>
<td>169.73</td>
<td>74.79</td>
<td>127%</td>
</tr>
<tr>
<td>Spain</td>
<td>152.44</td>
<td>59.71</td>
<td>155%</td>
</tr>
<tr>
<td>Sweden</td>
<td>131.57</td>
<td>107.49</td>
<td>22%</td>
</tr>
</tbody>
</table>

**EU/UK ranked by 14 day incidence (23 Nov)**

- As of 16th Dec, this daily data is now sourced from Our World In Data (OWID) instead of ECDC as they have switched to weekly reporting (Thursday evenings).
<table>
<thead>
<tr>
<th>EU and the UK</th>
<th>7 day incidence</th>
<th>Previous 7 day incidence</th>
<th>% change in 7 day incidence</th>
</tr>
</thead>
<tbody>
<tr>
<td>France</td>
<td>207.7</td>
<td>116.7</td>
<td>78%</td>
</tr>
<tr>
<td>Cyprus</td>
<td>333.7</td>
<td>201.67</td>
<td>65%</td>
</tr>
<tr>
<td>Portugal</td>
<td>158.96</td>
<td>106.69</td>
<td>49%</td>
</tr>
<tr>
<td>Malta</td>
<td>101.34</td>
<td>68.4</td>
<td>48%</td>
</tr>
<tr>
<td>Spain</td>
<td>90.43</td>
<td>62.01</td>
<td>46%</td>
</tr>
<tr>
<td>Czechia</td>
<td>1029.79</td>
<td>738.39</td>
<td>39%</td>
</tr>
<tr>
<td>Poland</td>
<td>389.09</td>
<td>279</td>
<td>39%</td>
</tr>
<tr>
<td>Netherlands</td>
<td>897.56</td>
<td>644.64</td>
<td>39%</td>
</tr>
<tr>
<td>Luxembourg</td>
<td>304.03</td>
<td>218.49</td>
<td>39%</td>
</tr>
<tr>
<td>Germany</td>
<td>443.14</td>
<td>342.51</td>
<td>29%</td>
</tr>
<tr>
<td>Belgium</td>
<td>952.63</td>
<td>739.59</td>
<td>29%</td>
</tr>
<tr>
<td>Hungary</td>
<td>685.56</td>
<td>535.4</td>
<td>28%</td>
</tr>
<tr>
<td>Italy</td>
<td>114.4</td>
<td>90.07</td>
<td>27%</td>
</tr>
<tr>
<td>Sweden</td>
<td>73.49</td>
<td>58.08</td>
<td>27%</td>
</tr>
<tr>
<td>Finland</td>
<td>131.66</td>
<td>106.7</td>
<td>23%</td>
</tr>
<tr>
<td>Austria</td>
<td>1084.01</td>
<td>908.18</td>
<td>19%</td>
</tr>
<tr>
<td>Slovakia</td>
<td>1308.09</td>
<td>1127.58</td>
<td>16%</td>
</tr>
<tr>
<td>Denmark</td>
<td>474.07</td>
<td>411.26</td>
<td>15%</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>439.13</td>
<td>401.98</td>
<td>9%</td>
</tr>
<tr>
<td>Ireland</td>
<td>647.79</td>
<td>620.56</td>
<td>4%</td>
</tr>
<tr>
<td>Greece</td>
<td>456.74</td>
<td>443.36</td>
<td>3%</td>
</tr>
<tr>
<td>Slovenia</td>
<td>1045.98</td>
<td>1112.22</td>
<td>-6%</td>
</tr>
<tr>
<td>Croatia</td>
<td>791.42</td>
<td>901.47</td>
<td>-12%</td>
</tr>
<tr>
<td>Bulgaria</td>
<td>250.03</td>
<td>286.17</td>
<td>-13%</td>
</tr>
<tr>
<td>Lithuania</td>
<td>452.74</td>
<td>567.5</td>
<td>-20%</td>
</tr>
<tr>
<td>Estonia</td>
<td>387.11</td>
<td>490.65</td>
<td>-21%</td>
</tr>
<tr>
<td>Latvia</td>
<td>317.04</td>
<td>436.06</td>
<td>-27%</td>
</tr>
<tr>
<td>Romania</td>
<td>96.29</td>
<td>156.01</td>
<td>-38%</td>
</tr>
</tbody>
</table>

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Mobility Data