Czech Republic

Tuberculosis case notifications, 2015

<table>
<thead>
<tr>
<th>Type</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total number of cases</td>
<td>585</td>
</tr>
<tr>
<td>Notification rate per 100'000</td>
<td>4.9</td>
</tr>
<tr>
<td>New &amp; relapses</td>
<td>508</td>
</tr>
<tr>
<td>New &amp; relapses notification rate per session</td>
<td>4.8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ailment</th>
<th>Estimated MDR N, (best–low–high)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>13–3–2</td>
</tr>
<tr>
<td>2011</td>
<td>2–1–0</td>
</tr>
<tr>
<td>2009</td>
<td>1–0–0</td>
</tr>
<tr>
<td>2007</td>
<td>2–1–0</td>
</tr>
<tr>
<td>2005</td>
<td>11–3–2</td>
</tr>
</tbody>
</table>

* Cases with unknown previous treatment included in new cases.

Drug resistance surveillance & TB-HIV co-infection, 2015

- Completeness of DRS data: Yes
- Completeness of HIV data**: No
- Case-linked data reporting: Yes

- Estimated MDR N, (best–low–high)
  - 2013: 13–3–2
  - 2011: 2–1–0
  - 2009: 1–0–0
  - 2007: 2–1–0
  - 2005: 11–3–2

- Pulmonary MDR TB cases notified: 10
- Notified MDR TB: 10
- Of which XDR TB cases: 1 (12.5%)

- TB cases tested for HIV: 183
- HIV-positive TB cases: 2 (1.1%)
- Of these on antiretroviral therapy: –

- National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%.
- More than 50% of TB cases tested for HIV.

Treatment outcome monitoring

- National coverage
  - Not evaluated: 9 (2.3%)
  - Of which XDR TB cases: 1 (12.5%)
  - TB cases tested for HIV: 183
  - HIV-positive TB cases: 2 (1.1%)
- Of these on antiretroviral therapy: –

- Case linked data reporting: Yes
- Cases notified: 312
- Of which XDR TB cases: 1 (12.5%)
- TB cases tested for HIV: 183
- HIV-positive TB cases: 2 (1.1%)
- Of these on antiretroviral therapy: –

* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%.
** More than 50% of TB cases tested for HIV.

Tuberculosis cases by geographical origin, 2006–2015

- Native: 110 (21.2%)
- Foreign origin: 198 (37.7%)
- Unknown: 204 (39.1%)

TB-HIV co-infection, 2006–2015

- HIV testing coverage
- All TB cases: 110
- Proportion of HIV positive TB cases among tested: 2 (1.1%)

MDR TB cases by previous treatment history, 2006–2015

- New: 474 (91.5%)
- Retreatment: 24 (4.7%)
- Unknown: 17 (3.3%)
- Total number of MDR TB cases: 515

Treatment outcome, new culture-confirmed pulmonary TB cases, 2005–2014

- Success: 227 (72.8%)
- Died: 48 (15.4%)
- Failed: 0 (0.0%)
- Lost to follow-up: 19 (6.1%)
- Still on treatment: 9 (2.9%)
- Not evaluated: 9 (2.9%)
- Total number of MDR TB cases notified: 10
- Of which XDR TB cases: 1 (12.5%)

* Treatment outcome as presented is treatment outcome after 12 months.
** Treatment outcome as presented is treatment outcome after 24 months.