Tuberculosis surveillance and monitoring in Europe 2014

**Estonia**

Total population at 1 January 2008 by EUROSTAT: 1,339,662

**Tuberculosis case notifications, 2012**
- Total number of cases: 290
- Notification rate per 100,000: 21.6
- New & relapses (laboratory-confirmed) number: 261
- New & relapses (laboratory-confirmed) notification rate per 100,000: 19.5
  - Pulmonary of which smear-positive: 135 (92.4%)
  - Laboratory-confirmed TB cases: 239 (93.4%)
  - Mean age of new native TB cases: 44.4 years
  - Mean age of new foreign TB cases: 56.4 years
  - Foreign origin of all TB cases: 47 (16.2%)
  - New (not previously treated): 234 (80.7%)

**Drug resistance surveillance & TB-HIV co-infection, 2012**
- Completeness of DRS data*: Yes
- Completeness of HIV data**: Yes
- Case-linked data reporting: Yes
- Cases with DST results: 239 (100.0%)
- Cases resistant to isoniazid: 77 (32.2%)
- Cases resistant to rifampicin: 66 (27.6%)
- Estimated MDR N, (best-low-high): 70-56-46
  - MDR cases: 61 (25.5%)
  - of which XDR cases: 4 (6.6%)
  - Cases resistant to ethambutol: 53 (22.2%)
  - Cases resistant to streptomycin: 81 (33.3%)
  - TB cases tested for HIV: 272 (99.4%)
  - HIV-positive TB cases: 45 (16.5%)

*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**
- Geographical coverage: National
  - Outcome cohort: New laboratory confirmed pulmonary TB cases notified in 2011*
    - All MDR TB cases notified in 2010**
  - Case-linked data reporting: Yes
  - Notified in 2010: 202
    - Success: 120 (59.4%)
    - Died: 23 (11.4%)
    - Failed: 2 (1.0%)
    - Defaulted: 11 (5.4%)
  - Still on treatment: 45 (22.3%)
  - Lost to follow up: 1 (0.5%) 0 (0.0%)

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

**Tuberculosis notification rates by treatment history, 2003–2012**

**New TB cases - notification rates by age group, 2003–2012**

**Tuberculosis cases by geographical origin, 2003–2012**

**TB-HIV co-infection, 2006–2012**

**MDR-TB cases by previous treatment history, 2003–2012**

**Treatment outcome, new pulmonary culture-positive cases, 2002–2011**