

Tuberculosis surveillance and monitoring in Europe 2015

Latvia

Total population at 1 January 2013 by EUROSTAT: 2 023 657

Tuberculosis case notifications, 2013

| | |
|---|-------------|
| Total number of cases | 904 |
| Notification rate per 100 000 | 44.7 |
| New* & relapses | 872 |
| New* & relapses notification rate per 100 000 | 43.1 |
| Pulmonary | 808 (89.4%) |
| of which smear-positive | 317 (39.2%) |
| of which laboratory confirmed | 671 (83.0%) |
| Laboratory-confirmed TB cases | 702 (77.7%) |
| Mean age of new native TB cases | 41.7 years |
| Mean age of new foreign TB cases | 57.8 years |
| Foreign origin of all TB cases | 40 (4.4%) |
| New (not previously treated) | 776 (85.8%) |

* Cases with unknown previous treatment included as new cases.

Drug resistance surveillance & TB-HIV co-infection, 2013

| | |
|------------------------------------|-------------|
| Completeness of DRS data* | Yes |
| Completeness of HIV data** | No |
| Case-linked data reporting | Yes |
| Cases with DST results | 681 (97.0%) |
| Estimated MDR N, (best-low-high) | 91-72-110 |
| Pulmonary MDR cases | 75 (11.5%) |
| of which XDR cases | 15 (20.0%) |
| All MDR cases | 79 (11.6%) |
| of which XDR cases | 15 (19.0%) |
| TB cases tested for HIV | 420 (46.5%) |
| HIV-positive TB cases | 95 (22.6%) |
| of these on antiretroviral therapy | 47 (49.5%) |

* 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.

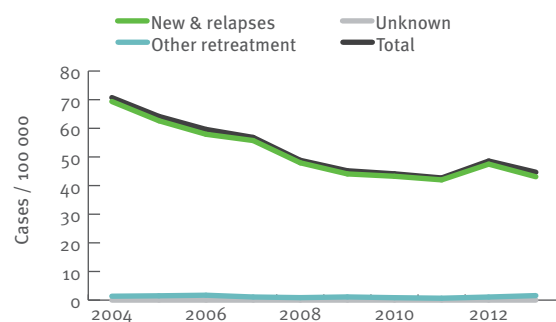
Treatment outcome monitoring

| | | | | |
|----------------------------|---|------------|-------------------------------------|--|
| Geographical coverage | National | | | |
| Outcome cohort | New culture positive pulmonary TB cases notified in 2012* | | All MDR TB cases notified in 2011** | |
| Case-linked data reporting | Yes | | | |
| Cases notified | 647 | | 95 | |
| Success | 506 (78.2%) | 51 (53.7%) | | |
| Died | 43 (6.6%) | 15 (15.8%) | | |
| Failed | 1 (0.2%) | 7 (7.4%) | | |
| Lost to follow up | 28 (4.3%) | 11 (11.6%) | | |
| Still on treatment | 64 (9.9%) | 10 (10.5%) | | |
| Not evaluated | 5 (0.8%) | 1 (1.1%) | | |

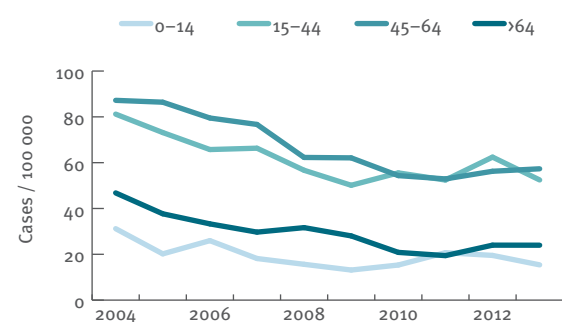
* Treatment outcome as presented is treatment outcome after 12 months.

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

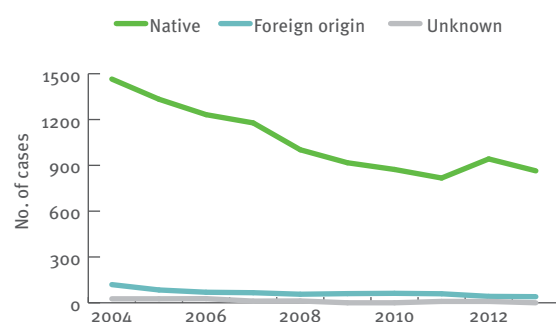
Tuberculosis notification rates by treatment history, 2004–2013



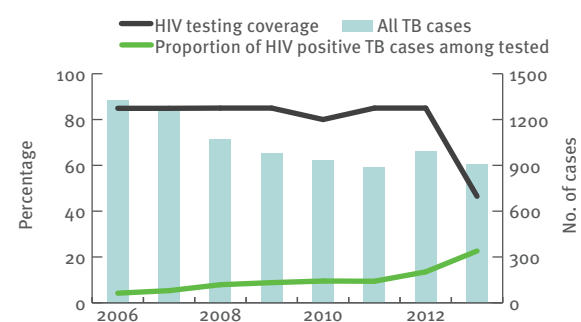
New TB cases and relapses - notification rates by age group, 2004–2013



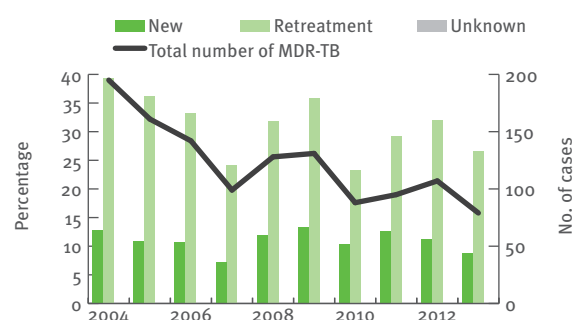
Tuberculosis cases by geographical origin, 2004–2013



TB-HIV co-infection, 2006–2013



MDR TB cases by previous treatment history, 2004–2013



Treatment outcome, new pulmonary culture-positive cases, 2003–2012

