

Tuberculosis surveillance and monitoring in Europe 2016

Latvia

Total population on 1 January 2014 by EUROSTAT: 2 001 468

Tuberculosis case notifications, 2014

Total number of cases	761
Notification rate per 100 000	38.0
New* & relapses	738
New* & relapses notification rate per 100 000	36.9
Pulmonary	707 (92.9%)
of which microscopy-positive	283 (40.0%)
of which laboratory confirmed	585 (82.7%)
Laboratory-confirmed TB cases	603 (79.2%)
Mean age of new native TB cases	40.3 years
Mean age of new foreign TB cases	51.8 years
Foreign origin of all TB cases	37 (4.9%)
New (not previously treated)	637 (83.7%)

* Cases with unknown previous treatment included in new cases.

Drug resistance surveillance & TB-HIV co-infection, 2014

Completeness of DRS data*	Yes
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	590 (97.8%)
Estimated MDR N ₁ (best–low–high)	84–66–100
Pulmonary MDR cases	70 (12.0%)
of which XDR cases	13 (18.6%)
Notified MDR	70 (11.9%)
of which XDR cases	13 (18.6%)
TB cases tested for HIV	488 (64.1%)
HIV-positive TB cases	95 (19.5%)
of these on antiretroviral therapy	55 (57.9%)

* 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.

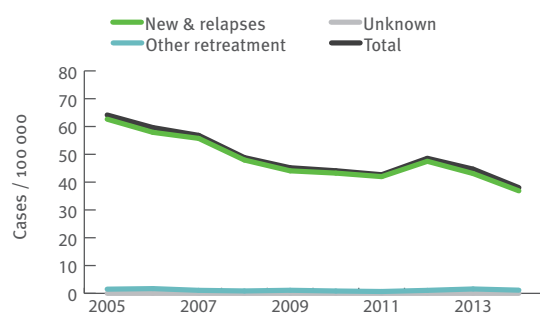
Treatment outcome monitoring

Geographical coverage	National	
Outcome cohort	New culture positive pulmonary TB cases notified in 2013*	All MDR TB cases notified in 2012**
Case-linked data reporting	Yes	
Cases notified	562	107
Success	437 (77.8%)	66 (61.7%)
Died	46 (8.2%)	19 (17.8%)
Failed	2 (0.4%)	5 (4.7%)
Lost to follow-up	33 (5.9%)	15 (14.0%)
Still on treatment	41 (7.3%)	1 (0.9%)
Not evaluated	3 (0.5%)	1 (0.9%)

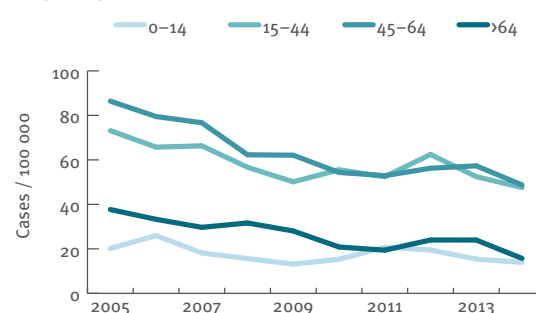
* Treatment outcome as presented is treatment outcome after 12 months.

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

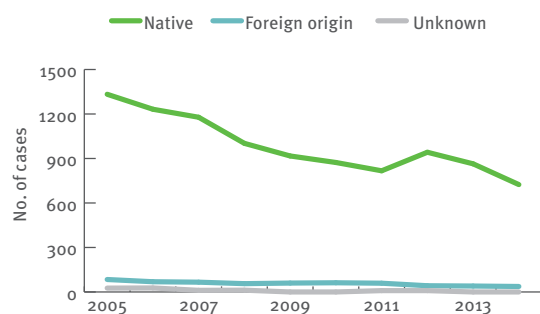
Tuberculosis notification rates by treatment history, 2005–2014



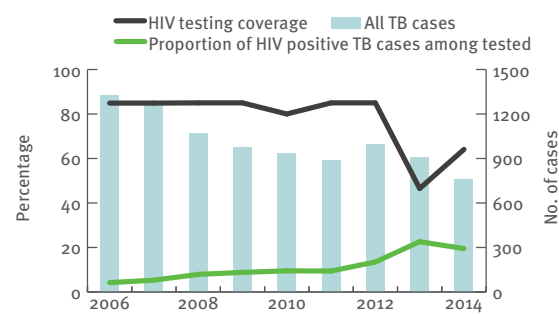
New and relapsed TB cases – notification rates by age group, 2005–2014



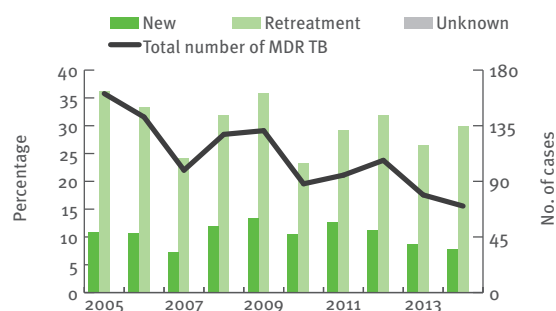
Tuberculosis cases by geographical origin, 2005–2014



TB-HIV co-infection, 2006–2014



MDR TB cases by previous treatment history, 2005–2014



Treatment outcome, new culture-confirmed pulmonary TB cases, 2004–2013

