

Tuberculosis surveillance and monitoring in Europe 2017

Latvia

Total population at 10th August 2016 by EUROSTAT: 1986 096

Tuberculosis case notifications, 2015

Total number of cases	721
Notification rate per 100 000	36.3
New* & relapses	697
New* & relapses notification rate per 100 000	35.1
Pulmonary	672 (93.2%)
of which microscopy-positive	285 (42.4%)
of which laboratory confirmed	570 (84.8%)
Laboratory-confirmed TB cases	592 (82.1%)
Mean age of new native TB cases	42.6 years
Mean age of new foreign TB cases	51.1 years
Foreign origin of all TB cases	45 (6.2%)
New (not previously treated)	621 (86.1%)

* 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**	Yes
Case-linked data reporting	Yes
Cases with DST results	566 (95.6%)
Estimated MDR N, (best–low–high)	75–58–92
Pulmonary MDR TB cases notified	62 (11.4%)
of which XDR TB cases	16 (25.8%)
Notified MDR TB	63 (11.1%)
of which XDR TB cases	16 (25.4%)
TB cases tested for HIV	449 (62.3%)
HIV-positive TB cases	78 (17.4%)
of these on antiretroviral therapy	47 (60.3%)

* 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.

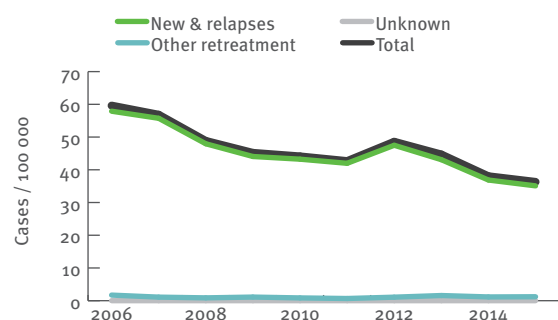
Treatment outcome monitoring

Geographical coverage	National	
Outcome cohort	New culture positive pulmonary TB cases notified in 2014*	All MDR TB cases notified in 2013**
Case-linked data reporting	Yes	
Cases notified	474	79
Success	387 (81.6%)	54 (68.4%)
Died	29 (6.1%)	12 (15.2%)
Failed	4 (0.8%)	0 (0.0%)
Lost to follow-up	22 (5.9%)	11 (13.9%)
Still on treatment	22 (4.6%)	0 (0.0%)
Not evaluated	4 (0.8%)	2 (2.5%)

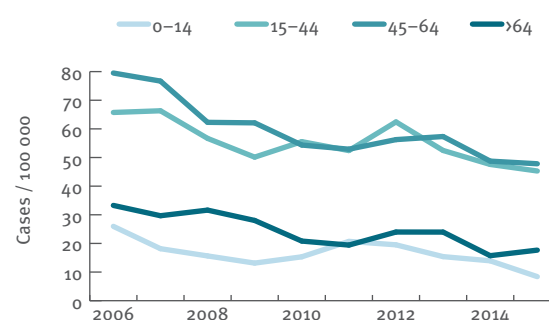
* Treatment outcome as presented is treatment outcome after 12 months.

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

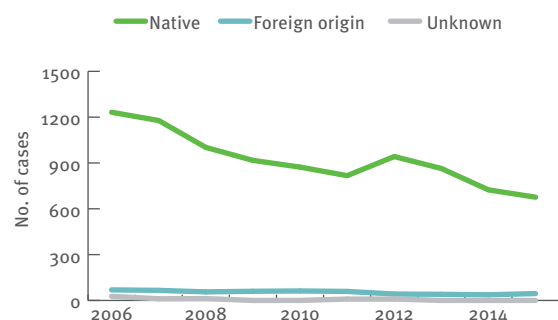
Tuberculosis notification rates by treatment history, 2006–2015



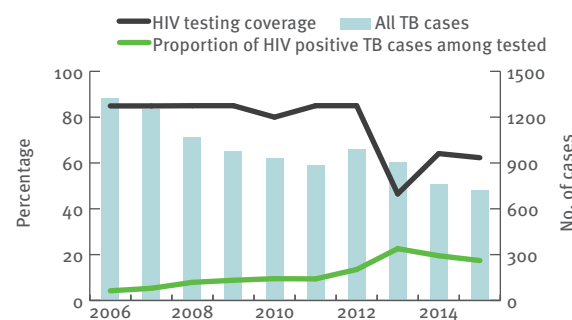
New and relapsed TB cases – notification rates by age group, 2006–2015



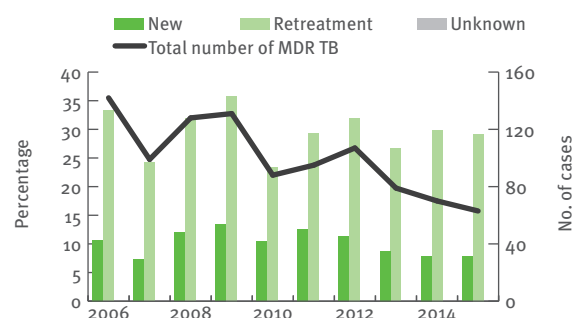
Tuberculosis cases by geographical origin, 2006–2015



TB-HIV co-infection, 2006–2015



MDR TB cases by previous treatment history, 2006–2015



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

