

Tuberculosis surveillance and monitoring in Europe 2018.



2016 data Latvia

Total population at 22 September 2017 by EUROSTAT: 1986957

Tuberculosis case notifications, 2016

Total number of cases	660
Notification rate per 100 000	33.5
New* & relapses	641
New* & relapses notification rate per 100 000	32.6
Pulmonary	619 (93.8%)
of which microscopy-positive	265 (42.8%)
of which laboratory confirmed	535 (86.4%)
Laboratory-confirmed TB cases	559 (84.7%)
Mean age of new native TB cases	44.1 years
Mean age of new foreign TB cases	56.6 years
Foreign origin of all TB cases	43 (6.5%)
New (not previously treated)	560 (84.8%)

* Cases with unknown previous treatment included in new cases.

Drug resistance surveillance & TB-HIV co-infection, 2016

Completeness of DRS data*	Yes
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	536 (95.9%)
Estimated RR-TB among notified pulmonary cases N, (best-low-high)	62-47-78
Pulmonary MDR TB cases notified	53 (10.4%)
of which XDR TB cases	20 (37.7%)
Notified MDR TB	56 (10.4%)
of which XDR TB cases	21 (37.5%)
TB cases tested for HIV	507 (76.8%)
HIV-positive TB cases	57 (11.2%)
of these on antiretroviral therapy	34 (59.6%)

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

** More than 50% of TB cases with reported HIV status.

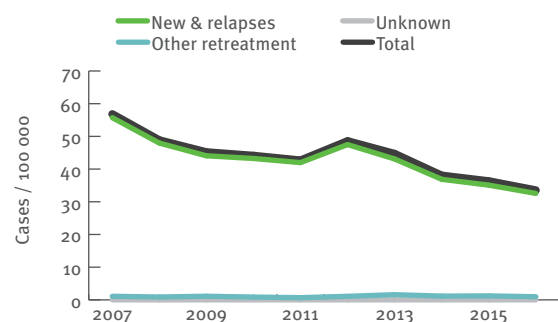
Treatment outcome monitoring

Geographical coverage	National			
Outcome cohort	New culture positive pulmonary TB cases notified in 2015*		All MDR TB cases notified in 2014**	
Case-linked data reporting	Yes			
Cases notified	477		70	
Success	383 (80.3%)	52 (74.3%)		
Died	36 (7.5%)	5 (7.1%)		
Failed	0 (0.0%)	1 (1.4%)		
Lost to follow-up	23 (4.8%)	11 (15.7%)		
Still on treatment	33 (6.9%)	0 (0.0%)		
Not evaluated	2 (0.4%)	1 (1.4%)		

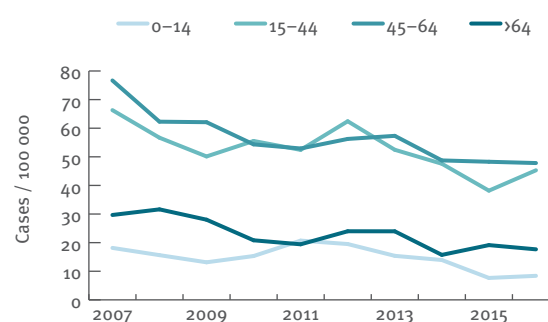
* Treatment outcome as presented is treatment outcome after 12 months.

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

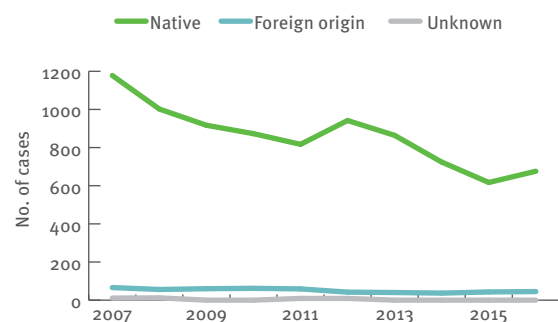
Tuberculosis notification rates by treatment history, 2007–2016



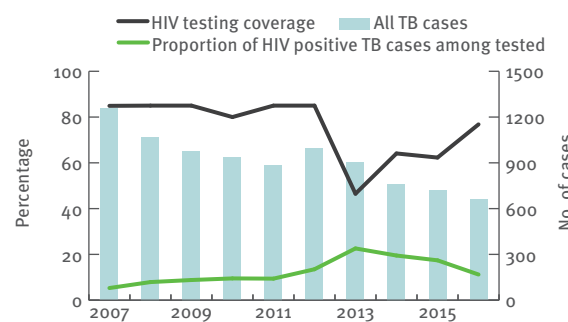
New and relapsed TB cases – notification rates by age group, 2007–2016



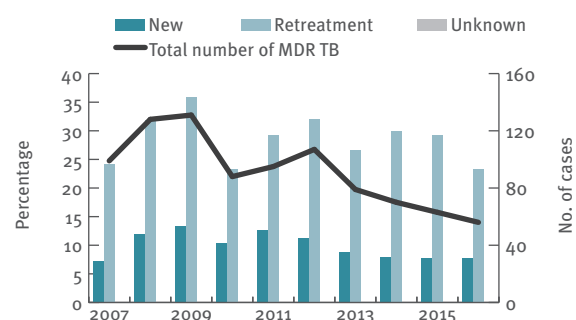
Tuberculosis cases by geographical origin, 2007–2016



TB-HIV co-infection, 2007–2016



MDR TB cases by previous treatment history, 2007–2016



Treatment outcome, new culture-confirmed pulmonary TB cases, 2006–2015

