

Tuberculosis surveillance and monitoring in Europe 2018.



2016 data Estonia

Total population at 22 September 2017 by EUROSTAT: 1315944

Tuberculosis case notifications, 2016

Total number of cases	192
Notification rate per 100 000	14.6
New* & relapses	188
New* & relapses notification rate per 100 000	14.3
Pulmonary	177 (92.2%)
of which microscopy-positive	90 (50.8%)
of which laboratory confirmed	149 (84.2%)
Laboratory-confirmed TB cases	156 (81.3%)
Mean age of new native TB cases	50.2 years
Mean age of new foreign TB cases	61.2 years
Foreign origin of all TB cases	42 (21.9%)
New (not previously treated)	167 (87.0%)

* 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	152 (97.4%)
Estimated RR-TB among notified pulmonary cases N, (best-low-high)	34-23-45
Pulmonary MDR TB cases notified	23 (15.9%)
of which XDR TB cases	7 (30.4%)
Notified MDR TB	24 (15.8%)
of which XDR TB cases	7 (29.2%)
TB cases tested for HIV	184 (95.8%)
HIV-positive TB cases	22 (12.0%)
of these on antiretroviral therapy	20 (90.9%)

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

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

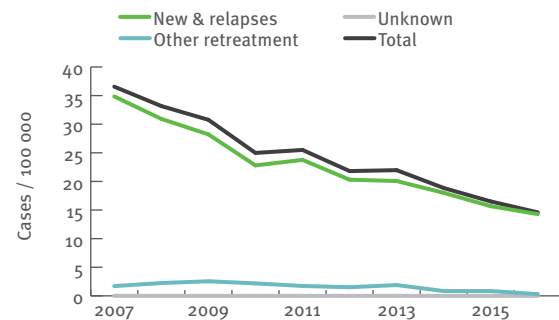
Treatment outcome monitoring

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	133		50	
Success	98 (73.7%)	29 (58.0%)		
Died	20 (15.0%)	10 (20.0%)		
Failed	0 (0.0%)	3 (6.0%)		
Lost to follow-up	3 (2.3%)	3 (6.0%)		
Still on treatment	11 (8.3%)	3 (6.0%)		
Not evaluated	1 (0.8%)	2 (4.0%)		

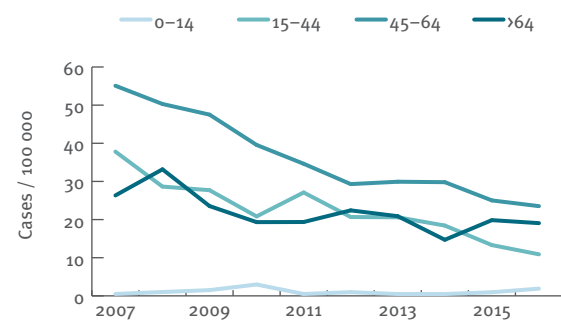
* Treatment outcome as presented is treatment outcome after 12 months.

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

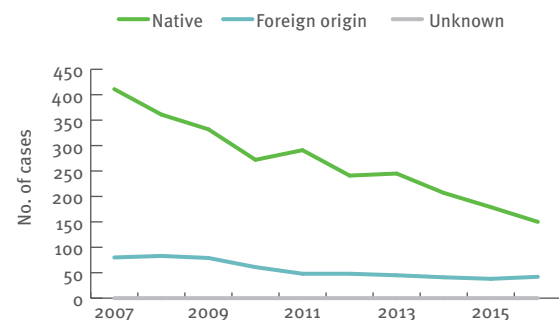
Tuberculosis notification rates by treatment history, 2007-2016



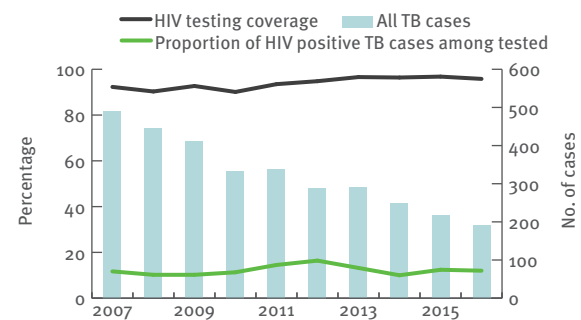
New and relapsed TB cases – notification rates by age group, 2007-2016



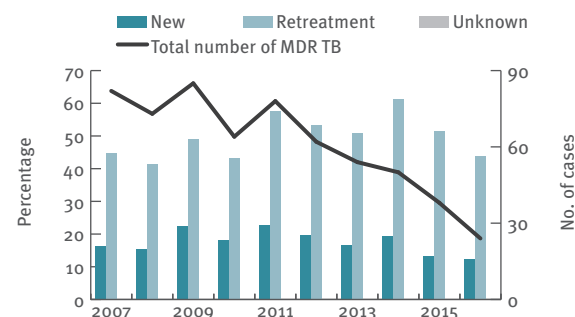
Tuberculosis cases by geographical origin, 2007-2016



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

