

# Tuberculosis surveillance and monitoring in Europe 2017

## Estonia

Total population at 10th August 2016 by EUROSTAT: 1313271

### Tuberculosis case notifications, 2015

Total number of cases	217
Notification rate per 100 000	16.5
New* & relapses	206
New* & relapses notification rate per 100 000	15.7
Pulmonary	198 (91.2%)
of which microscopy-positive	109 (55.1%)
of which laboratory confirmed	169 (85.4%)
Laboratory-confirmed TB cases	180 (82.9%)
Mean age of new native TB cases	50.8 years
Mean age of new foreign TB cases	60.5 years
Foreign origin of all TB cases	38 (17.5%)
New (not previously treated)	170 (78.3%)

\* 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	179 (99.4%)
Estimated MDR N, (best–low–high)	47–36–59
Pulmonary MDR TB cases notified	36 (21.4%)
of which XDR TB cases	8 (22.9%)
Notified MDR TB	38 (21.2%)
of which XDR TB cases	9 (24.3%)
TB cases tested for HIV	209 (96.3%)
HIV-positive TB cases	26 (12.4%)
of these on antiretroviral therapy	21 (80.8%)

\* 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.

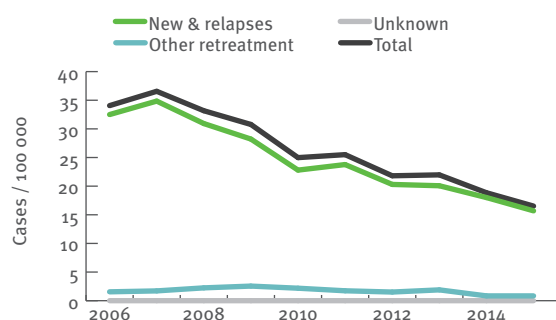
### Treatment outcome monitoring

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	155	54
Success	106 (68.4%)	31 (57.4%)
Died	18 (11.6%)	10 (18.5%)
Failed	0 (0.0%)	2 (3.7%)
Lost to follow-up	8 (5.2%)	9 (16.7%)
Still on treatment	23 (14.8%)	2 (3.7%)
Not evaluated	0 (0.0%)	0 (0.0%)

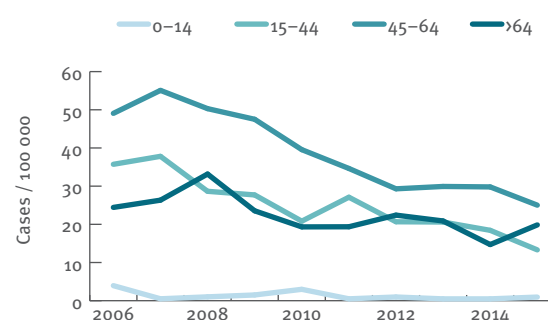
\* Treatment outcome as presented is treatment outcome after 12 months.

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

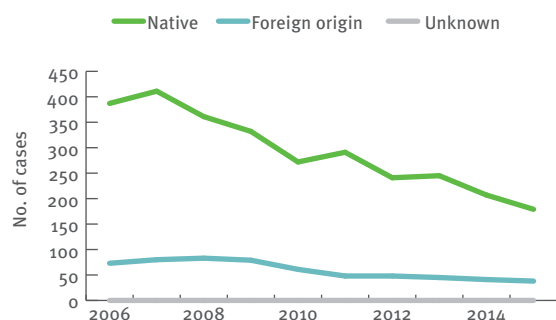
### Tuberculosis notification rates by treatment history, 2006–2015



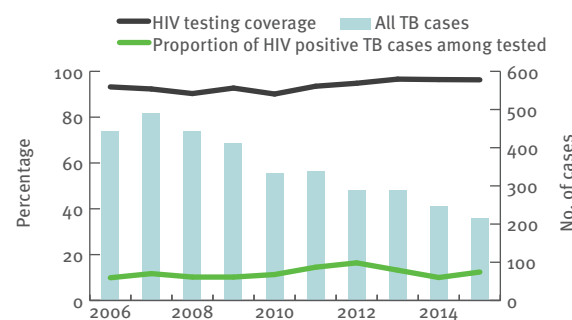
### New and relapsed TB cases – notification rates by age group, 2006–2015



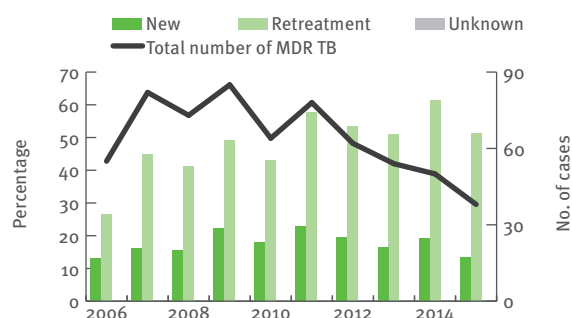
### Tuberculosis cases by geographical origin, 2006–2015



### 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

