

# Tuberculosis surveillance and monitoring in Europe 2015

## Estonia

Total population at 1 January 2008 by EUROSTAT: 1 320 174

### Tuberculosis case notifications, 2013

Total number of cases	286
Notification rate per 100 000	21.7
New* & relapses	263
New* & relapses notification rate per 100 000	19.9
Pulmonary	268 (93.7%)
of which smear-positive	130 (48.5%)
of which laboratory confirmed	215 (80.2%)
Laboratory-confirmed TB cases	223 (78.0%)
Mean age of new native TB cases	46.1 years
Mean age of new foreign TB cases	61.5 years
Foreign origin of all TB cases	43 (15.0%)
New (not previously treated)	225 (78.7%)

\* Cases with unknown previous treatment included as new cases.

### Drug resistance surveillance & TB-HIV co-infection, 2013

Completeness of DRS data*	Yes
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	220 (98.7%)
Estimated MDR N, (best-low-high)	64-49-78
Pulmonary MDR cases	50 (23.6%)
of which XDR cases	8 (16.0%)
All MDR cases	50 (22.7%)
of which XDR cases	8 (16.0%)
TB cases tested for HIV	276 (96.5%)
HIV-positive TB cases	36 (13.0%)
of these on antiretroviral therapy	24 (66.7%)

\* 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.

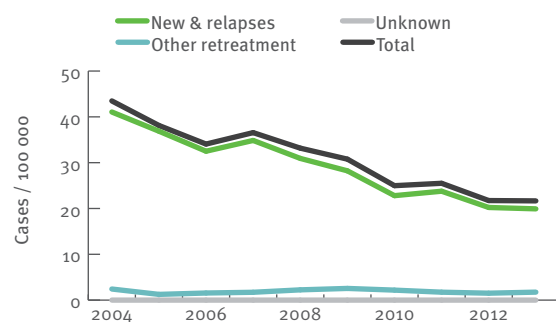
### Treatment outcome monitoring

Geographical coverage	National			
Outcome cohort	New culture positive pulmonary TB cases notified in 2012*		All MDR TB cases notified in 2011**	
Case-linked data reporting	Yes			
Cases notified	185	78		
Success	112 (60.5%)	39 (50.0%)		
Died	30 (16.2%)	15 (19.2%)		
Failed	1 (0.5%)	5 (6.4%)		
Lost to follow up	13 (7.0%)	11 (14.1%)		
Still on treatment	29 (15.7%)	8 (10.3%)		
Not evaluated	0 (0.0%)	0 (0.0%)		

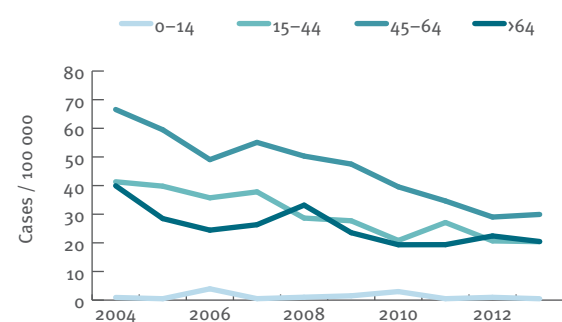
\* Treatment outcome as presented is treatment outcome after 12 months.

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

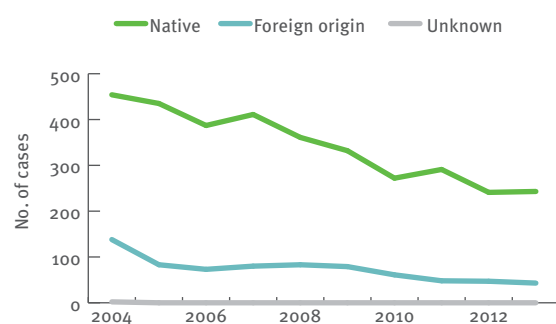
### Tuberculosis notification rates by treatment history, 2004–2013



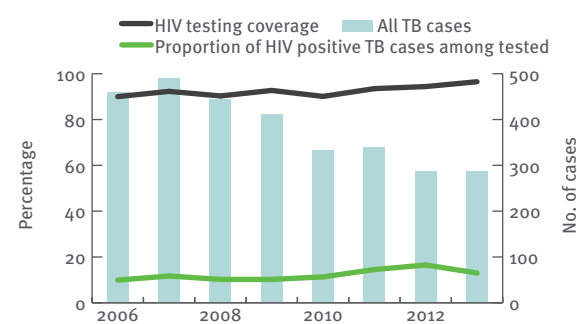
### New TB cases and relapses - notification rates by age group, 2004–2013



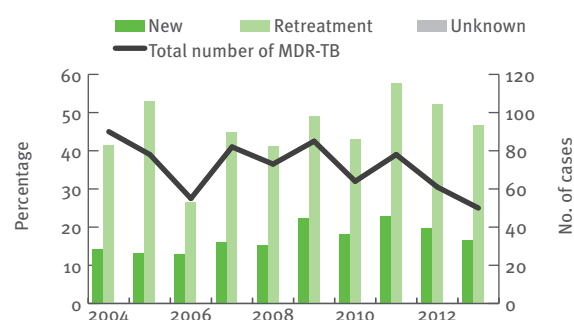
### Tuberculosis cases by geographical origin, 2004–2013



### TB-HIV co-infection, 2006–2013



### MDR TB cases by previous treatment history, 2004–2013



### Treatment outcome, new pulmonary culture-positive cases, 2003–2012

