

# Tuberculosis surveillance and monitoring in Europe 2018.



## 2016 data Lithuania

Total population at 22 September 2017 by EUROSTAT: 2888558

### Tuberculosis case notifications, 2016

Total number of cases	1442
Notification rate per 100 000	49.9
New* & relapses	1347
New* & relapses notification rate per 100 000	46.6
Pulmonary	1327 (92.0%)
of which microscopy-positive	827 (62.3%)
of which laboratory confirmed	1171 (88.2%)
Laboratory-confirmed TB cases	1201 (83.3%)
Mean age of new native TB cases	46.0 years
Mean age of new foreign TB cases	57.3 years
Foreign origin of all TB cases	13 (0.9%)
New (not previously treated)	1150 (79.8%)

\* 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	1201 (100.0%)
Estimated RR-TB among notified pulmonary cases N, (best-low-high)	260-240-290
Pulmonary MDR TB cases notified	242 (20.7%)
of which XDR TB cases	58 (24.0%)
Notified MDR TB	244 (20.3%)
of which XDR TB cases	58 (23.8%)
TB cases tested for HIV	1138 (78.9%)
HIV-positive TB cases	41 (3.6%)
of these on antiretroviral therapy	-

\* 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.

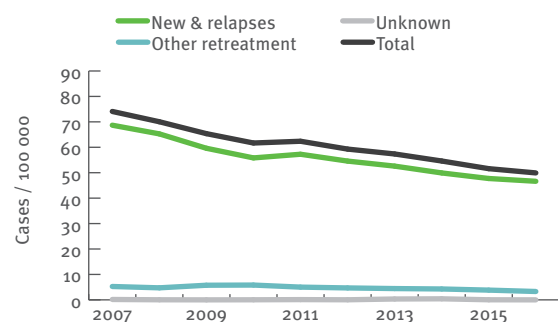
### Treatment outcome monitoring

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	894		271	
Success	607 (67.9%)	32 (11.8%)		
Died	11 (1.3%)	59 (21.8%)		
Failed	12 (1.3%)	7 (2.6%)		
Lost to follow-up	66 (7.4%)	37 (13.7%)		
Still on treatment	97 (10.9%)	131 (48.3%)		
Not evaluated	1 (0.1%)	5 (1.8%)		

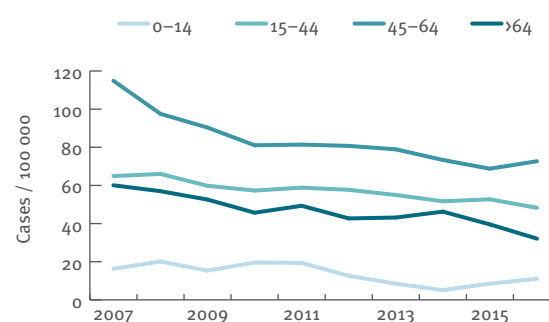
\* Treatment outcome as presented is treatment outcome after 12 months.

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

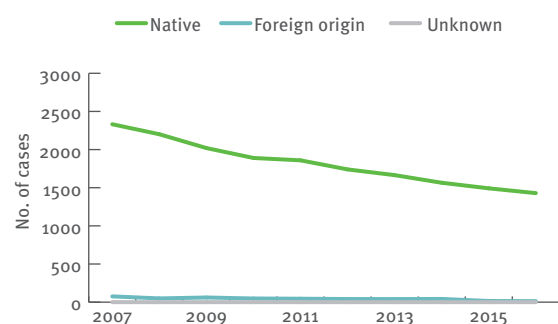
### Tuberculosis notification rates by treatment history, 2007-2016



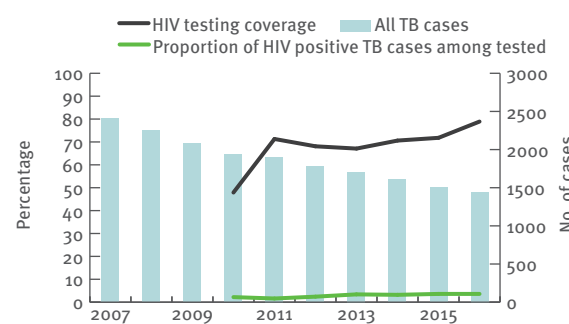
### New and relapsed TB cases – notification rates by age group, 2007-2016



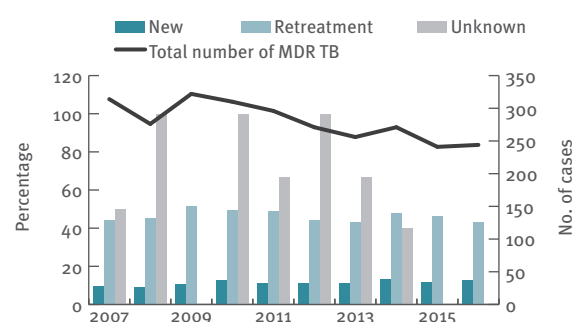
### Tuberculosis cases by geographical origin, 2007-2016



### 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

