

# Tuberculosis surveillance and monitoring in Europe 2018.



2016 data

## Belgium

Total population at 22 September 2017 by EUROSTAT: 1131117

### Tuberculosis case notifications, 2016

Total number of cases	1047
Notification rate per 100 000	9.3
New* & relapses	986
New* & relapses notification rate per 100 000	8.7
Pulmonary	715 (68.3%)
of which microscopy-positive	331 (46.3%)
of which laboratory confirmed	593 (82.9%)
Laboratory-confirmed TB cases	801 (76.5%)
Mean age of new native TB cases	45.2 years
Mean age of new foreign TB cases	35.5 years
Foreign origin of all TB cases	547 (52.2%)
New (not previously treated)	757 (72.3%)

\* 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**	No
Case-linked data reporting	Yes
Cases with DST results	769 (96.0%)
Estimated RR-TB among notified pulmonary cases N, (best-low-high)	16-6-26
Pulmonary MDR TB cases notified	9 (1.6%)
of which XDR TB cases	0 (0.0%)
Notified MDR TB	10 (1.3%)
of which XDR TB cases	0 (0.0%)
TB cases tested for HIV	479 (45.7%)
HIV-positive TB cases	33 (6.9%)
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.

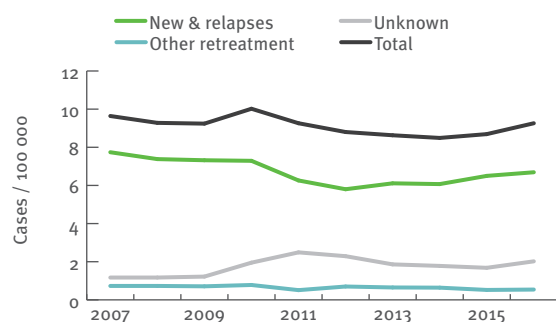
### Treatment outcome monitoring

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	422		11	
Success	351 (79.4%)	6 (54.5%)		
Died	34 (7.7%)	1 (9.1%)		
Failed	0 (0.0%)	0 (0.0%)		
Lost to follow-up	33 (7.5%)	0 (0.0%)		
Still on treatment	12 (2.7%)	4 (36.4%)		
Not evaluated	12 (2.7%)	0 (0.0%)		

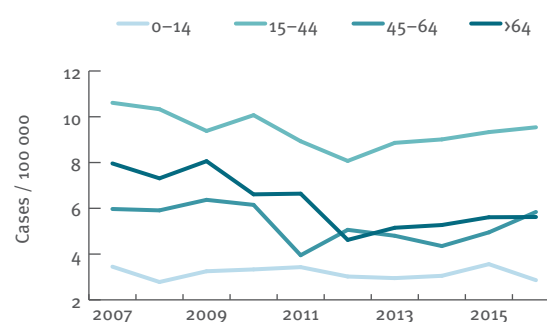
\* Treatment outcome as presented is treatment outcome after 12 months.

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

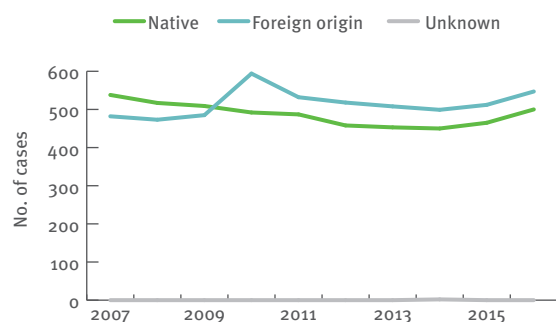
### Tuberculosis notification rates by treatment history, 2007-2016



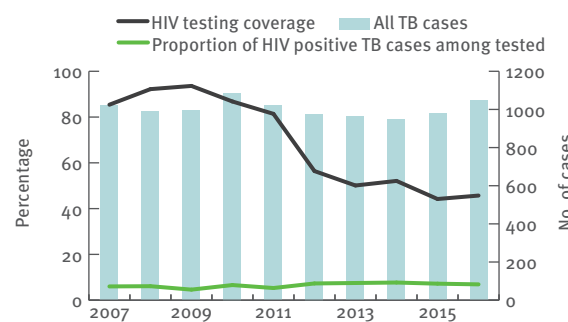
### New and relapsed TB cases – notification rates by age group, 2007-2016



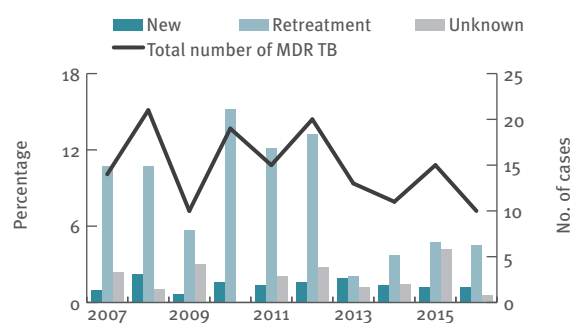
### Tuberculosis cases by geographical origin, 2007-2016



### 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

