

# Tuberculosis surveillance and monitoring in Europe 2019



2017 data

## Belgium

Total population at 23 April 2018 by EUROSTAT: 11 351 727

### TB case notifications, 2017

Total number of cases	972
Notification rate per 100 000	8.6
New <sup>a</sup> and relapses	916
New <sup>a</sup> and relapses notification rate per 100 000	8.1
Pulmonary	697 (71.7%)
of which microscopy-positive	332 (47.6%)
of which laboratory-confirmed	574 (82.4%)
Laboratory-confirmed TB cases	758 (78.0%)
Mean age of new native TB cases	42.8 years
Mean age of new foreign TB cases	34.0 years
Foreign origin of all TB cases	506 (52.1%)
New (not previously treated)	715 (73.6%)

<sup>a</sup> Cases with unknown previous treatment included in new cases.

### Drug resistance surveillance and TB/HIV coinfection, 2017

Completeness of DRS data <sup>a</sup>	Yes
Completeness of HIV data <sup>b</sup>	Yes
Case-linked data reporting	Yes
Cases with DST results	729 (96.2%)
Estimated RR-TB among notified pulmonary cases N, (best–low–high)	16–6–25
Pulmonary MDR-TB cases notified	3 (0.5%)
of which XDR-TB cases	0 (0.0%)
Notified MDR-TB	5 (0.7%)
of which XDR-TB cases	0 (0.0%)
TB cases tested for HIV	517 (53.2%)
HIV-positive TB cases of these on ART	43 (8.3%)

<sup>a</sup> National coverage 100% or culturing ≥ 90%, C+/all TB cases > 50%, DST done for C+ > 75%, EQA ≥ 95%.

<sup>b</sup> More than 50% of TB cases with reported HIV status.

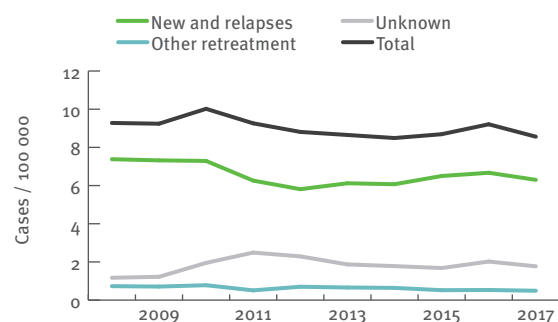
### Treatment outcome monitoring

Geographical coverage	National	
Outcome cohort	New culture positive pulmonary TB cases notified in 2016 <sup>a</sup>	All MDR-TB cases notified in 2015 <sup>b</sup>
Case-linked data reporting	Yes	
Cases notified	438	15
Success	351 (80.1%)	15 (100.0%)
Died	30 (6.8%)	0 (0.0%)
Failed	0 (0.0%)	0 (0.0%)
Lost to follow-up	29 (6.6%)	0 (0.0%)
Still on treatment	14 (3.2%)	0 (0.0%)
Not evaluated	14 (3.2%)	0 (0.0%)

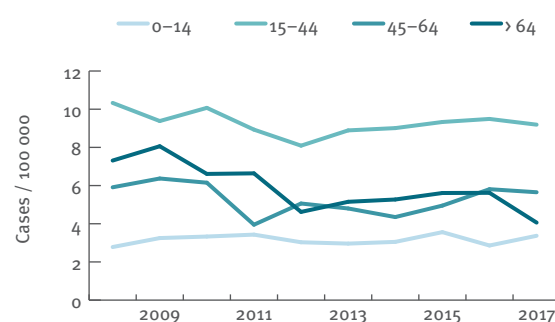
<sup>a</sup> Treatment outcome as presented is treatment outcome after 12 months.

<sup>b</sup> Treatment outcome as presented is treatment outcome after 24 months.

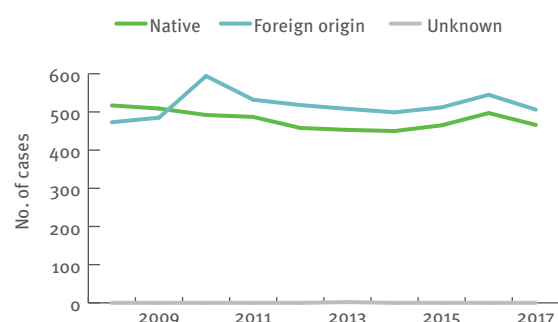
### TB notification rates by treatment history, 2008–2017



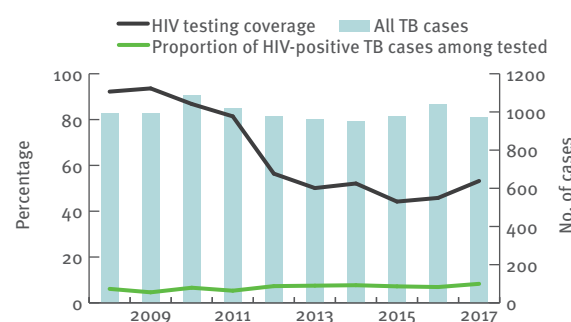
### New and relapsed TB cases – notification rates by age group, 2008–2017



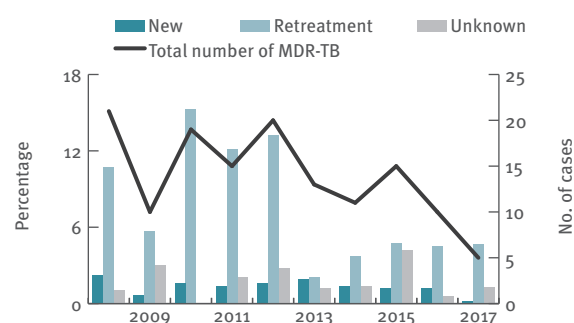
### TB cases by geographical origin, 2008–2017



### TB/HIV coinfection, 2008–2017



### MDR-TB cases by previous treatment history, 2008–2017



### Treatment outcome, new culture-confirmed pulmonary TB cases, 2007–2016

