

# Tuberculosis surveillance and monitoring in Europe 2019



2017 data

## Bulgaria

Total population at 23 April 2018 by EUROSTAT: 7 101 859

### TB case notifications, 2017

Total number of cases	1463
Notification rate per 100 000	20.6
New <sup>a</sup> and relapses	1 408
New <sup>a</sup> and relapses notification rate per 100 000	19.8
Pulmonary	1 101 (75.3%)
of which microscopy-positive	571 (51.9%)
of which laboratory-confirmed	675 (61.3%)
Laboratory-confirmed TB cases	696 (47.6%)
Mean age of new native TB cases	47.4 years
Mean age of new foreign TB cases	44.8 years
Foreign origin of all TB cases	6 (0.4%)
New (not previously treated)	1 272 (86.9%)

<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	607 (87.2%)
Estimated RR-TB among notified pulmonary cases N, (best–low–high)	44–27–61
Pulmonary MDR-TB cases notified	24 (4.0%)
of which XDR-TB cases	1 (4.3%)
Notified MDR-TB	24 (4.0%)
of which XDR-TB cases	1 (4.3%)
TB cases tested for HIV	1 204 (82.3%)
HIV-positive TB cases	3 (0.2%)
of these on ART	3 (100.0%)

<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.

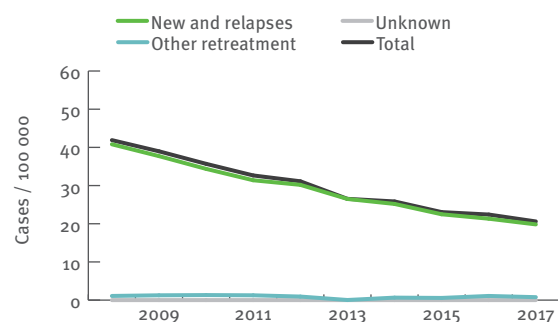
### Treatment outcome monitoring

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	652	24
Success	558 (85.6%)	14 (58.3%)
Died	52 (8.0%)	5 (20.8%)
Failed	15 (2.3%)	2 (8.3%)
Lost to follow-up	23 (3.5%)	3 (12.5%)
Still on treatment	4 (0.6%)	0 (0.0%)
Not evaluated	0 (0.0%)	0 (0.0%)

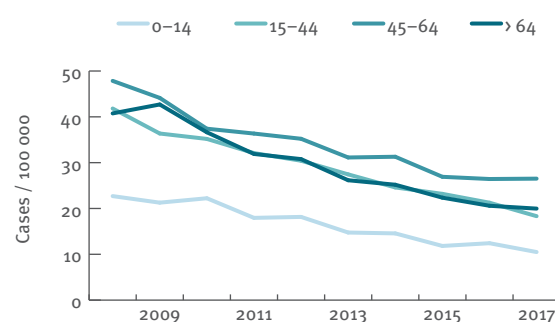
<sup>a</sup> Treatment outcome as presented is treatment outcome after 12 months.

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

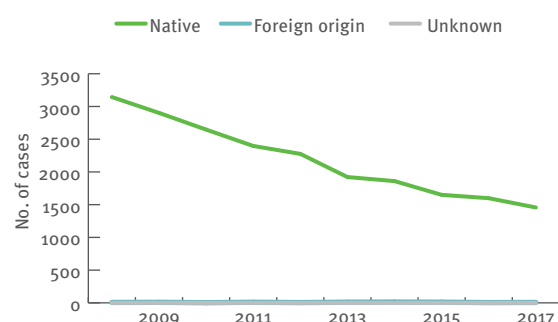
### TB notification rates by treatment history, 2008–2017



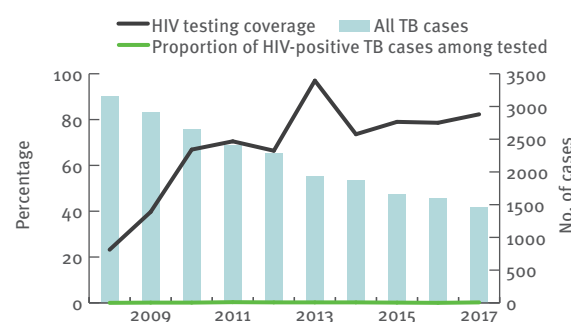
### New and relapsed TB cases – notification rates by age group, 2008–2017



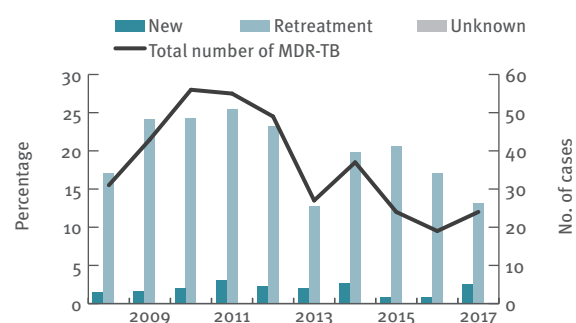
### TB cases by geographical origin, 2008–2017



### TB/HIV coinfection, 2008–2017



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



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

