

# Tuberculosis surveillance and monitoring in Europe 2019



2017 data

## Norway

Total population at 23 April 2018 by EUROSTAT: 5 258 317

### TB case notifications, 2017

Total number of cases	261
Notification rate per 100 000	5.0
New <sup>a</sup> and relapses	237
New <sup>a</sup> and relapses notification rate per 100 000	4.5
Pulmonary	158 (60.5%)
of which microscopy-positive	52 (32.9%)
of which laboratory-confirmed	144 (91.1%)
Laboratory-confirmed TB cases	216 (82.8%)
Mean age of new native TB cases	32.7 years
Mean age of new foreign TB cases	33.1 years
Foreign origin of all TB cases	231 (88.5%)
New (not previously treated)	237 (90.8%)

<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	213 (98.6%)
Estimated RR-TB among notified pulmonary cases N, (best–low–high)	7–0–13
Pulmonary MDR-TB cases notified	6 (4.3%)
of which XDR-TB cases	0 (0.0%)
Notified MDR-TB	9 (4.2%)
of which XDR-TB cases	0 (0.0%)
TB cases tested for HIV	228 (87.4%)
HIV-positive TB cases of these on ART	7 (3.1%)

<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.

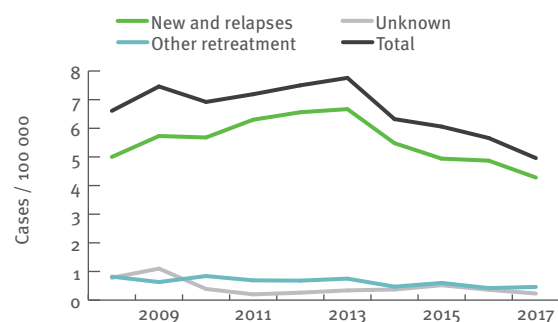
### Treatment outcome monitoring

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	136	5
Success	116 (85.3%)	5 (100.0%)
Died	3 (2.2%)	0 (0.0%)
Failed	0 (0.0%)	0 (0.0%)
Lost to follow-up	3 (2.2%)	0 (0.0%)
Still on treatment	6 (4.4%)	0 (0.0%)
Not evaluated	8 (5.9%)	0 (0.0%)

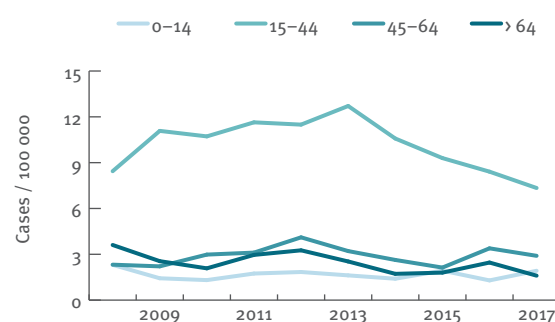
<sup>a</sup> Treatment outcome as presented is treatment outcome after 12 months.

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

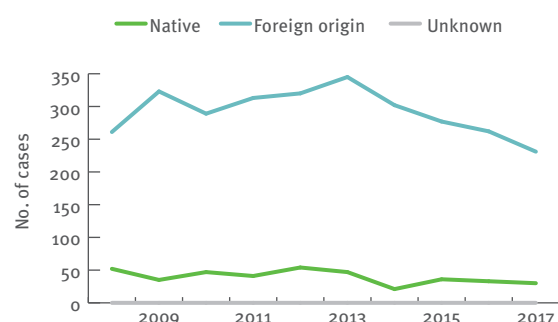
### TB notification rates by treatment history, 2008–2017



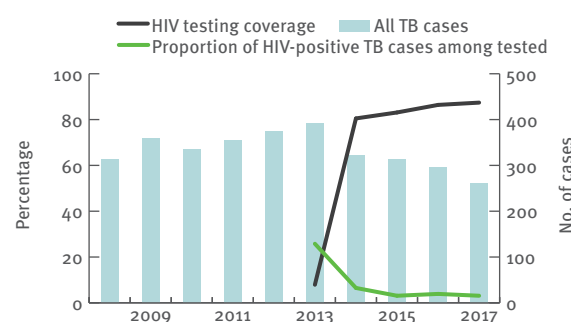
### New and relapsed TB cases – notification rates by age group, 2008–2017



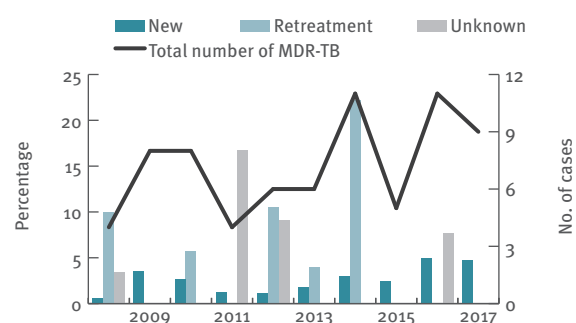
### TB cases by geographical origin, 2008–2017



### TB/HIV coinfection, 2008–2017



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



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

