

Tuberculosis surveillance and monitoring in Europe 2019



2017 data

Estonia

Total population at 23 April 2018 by EUROSTAT: 1 315 635

TB case notifications, 2017

Total number of cases	175
Notification rate per 100 000	13.3
New ^a and relapses	171
New ^a and relapses notification rate per 100 000	13.0
Pulmonary	168 (96.0%)
of which microscopy-positive	78 (46.4%)
of which laboratory-confirmed	142 (84.5%)
Laboratory-confirmed TB cases	145 (82.9%)
Mean age of new native TB cases	51.2 years
Mean age of new foreign TB cases	66.1 years
Foreign origin of all TB cases	23 (13.1%)
New (not previously treated)	146 (83.4%)

^a Cases with unknown previous treatment included in new cases.

Drug resistance surveillance and TB/HIV coinfection, 2017

Completeness of DRS data ^a	Yes
Completeness of HIV data ^b	Yes
Case-linked data reporting	Yes
Cases with DST results	142 (97.9%)
Estimated RR-TB among notified pulmonary cases N, (best–low–high)	45–33–56
Pulmonary MDR-TB cases notified	36 (25.9%)
of which XDR-TB cases	9 (26.5%)
Notified MDR-TB	36 (25.4%)
of which XDR-TB cases	9 (26.5%)
TB cases tested for HIV	163 (93.1%)
HIV-positive TB cases of these on ART	14 (8.6%)
	12 (85.7%)

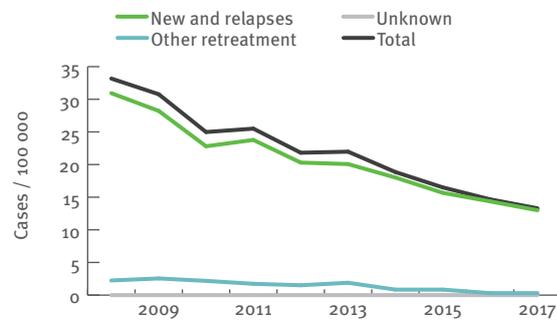
^a National coverage 100% or culturing ≥ 90%, C+/all TB cases > 50%, DST done for C+ > 75%, EQA ≥ 95%.
^b More than 50% of TB cases with reported HIV status.

Treatment outcome monitoring

Geographical coverage	National	
Outcome cohort	New culture positive pulmonary TB cases notified in 2016 ^a	All MDR-TB cases notified in 2015 ^b
Case-linked data reporting	Yes	
Cases notified	133	38
Success	95 (71.4%)	20 (52.6%)
Died	23 (17.3%)	8 (21.1%)
Failed	1 (0.8%)	3 (7.9%)
Lost to follow-up	1 (0.8%)	4 (10.5%)
Still on treatment	13 (9.8%)	3 (7.9%)
Not evaluated	0 (0.0%)	0 (0.0%)

^a Treatment outcome as presented is treatment outcome after 12 months.
^b Treatment outcome as presented is treatment outcome after 24 months.

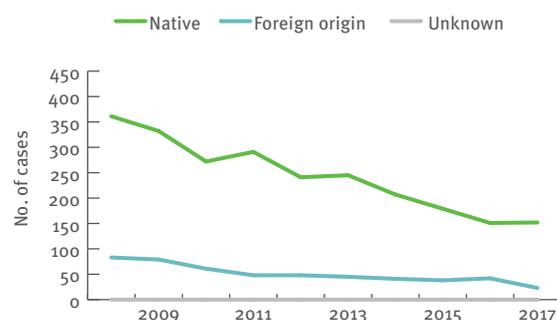
TB notification rates by treatment history, 2008–2017



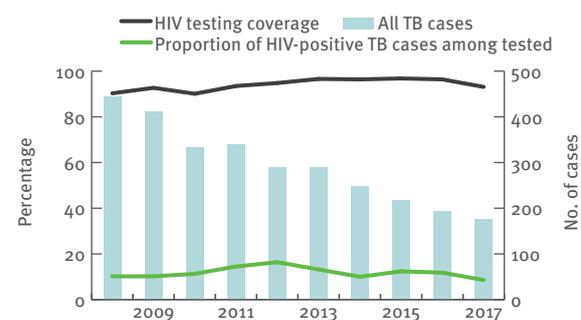
New and relapsed TB cases – notification rates by age group, 2008–2017



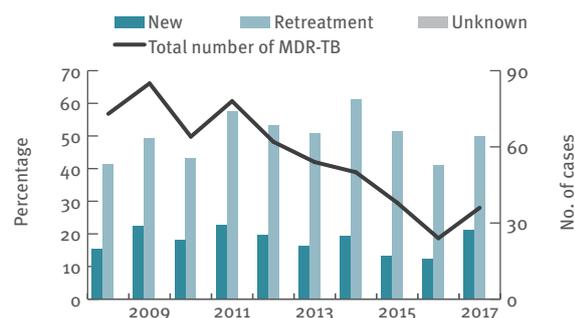
TB cases by geographical origin, 2008–2017



TB/HIV coinfection, 2008–2017



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



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

