

Tuberculosis surveillance and monitoring in Europe 2019



2017 data

Czech Republic

Total population at 23 April 2018 by EUROSTAT: 10 578 820

TB case notifications, 2017

Total number of cases	505
Notification rate per 100 000	4.8
New ^a and relapses	499
New ^a and relapses notification rate per 100 000	4.7
Pulmonary	439 (86.9%)
of which microscopy-positive	201 (45.8%)
of which laboratory-confirmed	338 (77.0%)
Laboratory-confirmed TB cases	379 (75.0%)
Mean age of new native TB cases	53.9 years
Mean age of new foreign TB cases	40.9 years
Foreign origin of all TB cases	159 (31.5%)
New (not previously treated)	472 (93.5%)

^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	No
Case-linked data reporting	Yes
Cases with DST results	350 (92.3%)
Estimated RR-TB among notified pulmonary cases N, (best–low–high)	13–5–21
Pulmonary MDR-TB cases notified	6 (1.9%)
of which XDR-TB cases	2 (33.3%)
Notified MDR-TB	8 (2.3%)
of which XDR-TB cases	2 (25.0%)
TB cases tested for HIV	197 (39.0%)
HIV-positive TB cases of these on ART	8 (4.1%)

^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.

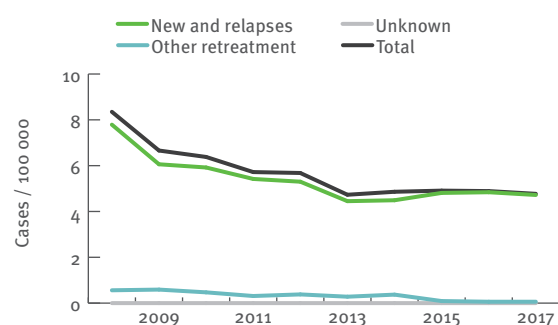
Treatment outcome monitoring

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	331	9
Success	221 (66.8%)	3 (33.3%)
Died	54 (16.3%)	1 (11.1%)
Failed	0 (0.0%)	0 (0.0%)
Lost to follow-up	39 (11.8%)	1 (11.1%)
Still on treatment	8 (2.4%)	2 (22.2%)
Not evaluated	9 (2.7%)	2 (22.2%)

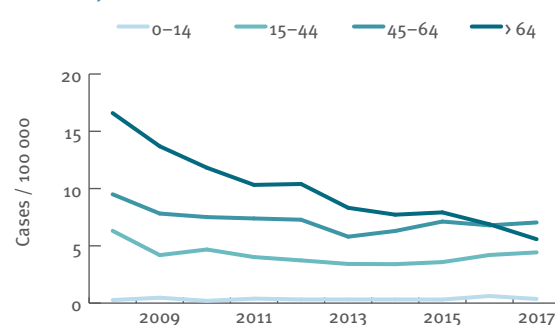
^a Treatment outcome as presented is treatment outcome after 12 months.

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

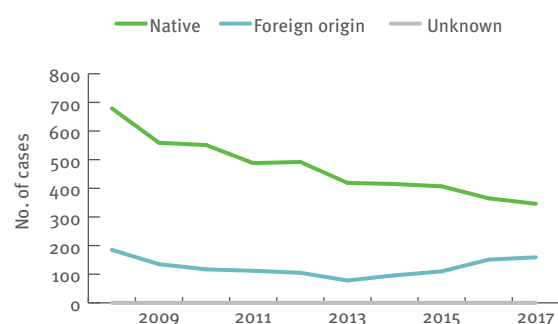
TB notification rates by treatment history, 2008–2017



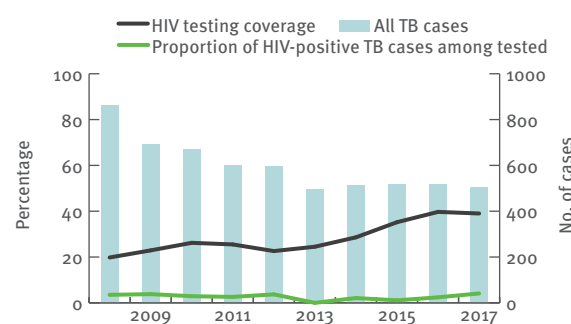
New and relapsed TB cases – notification rates by age group, 2008–2017



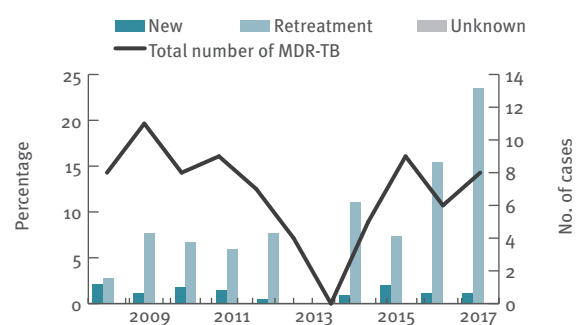
TB cases by geographical origin, 2008–2017



TB/HIV coinfection, 2008–2017



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



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

