

Tuberculosis surveillance and monitoring in Europe 2017

Czech Republic

Total population at 10th August by EUROSTAT: 10538275

Tuberculosis case notifications, 2015

Total number of cases	518
Notification rate per 100 000	4.9
New* & relapses	508
New* & relapses notification rate per 100 000	4.8
Pulmonary	451 (87.1%)
of which microscopy-positive	252 (55.9%)
of which laboratory confirmed	363 (80.5%)
Laboratory-confirmed TB cases	401 (77.4%)
Mean age of new native TB cases	55.9 years
Mean age of new foreign TB cases	42.6 years
Foreign origin of all TB cases	110 (21.2%)
New (not previously treated)	474 (91.5%)

Drug resistance surveillance & TB-HIV co-infection, 2015

Completeness of DRS data*	Yes
Completeness of HIV data**	No
Case-linked data reporting	Yes
Cases with DST results	372 (92.8%)
Estimated MDR N, (best–low–high)	13–3–22
Pulmonary MDR TB cases notified	10 (2.9%)
of which XDR TB cases	1 (12.5%)
Notified MDR TB	10 (2.7%)
of which XDR TB cases	1 (12.5%)
TB cases tested for HIV	183 (35.3%)
HIV-positive TB cases	2 (1.1%)
of these on antiretroviral therapy	-

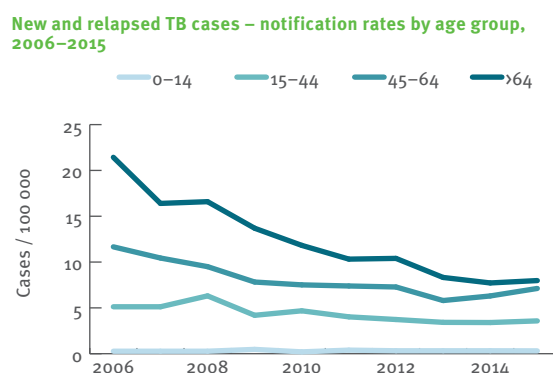
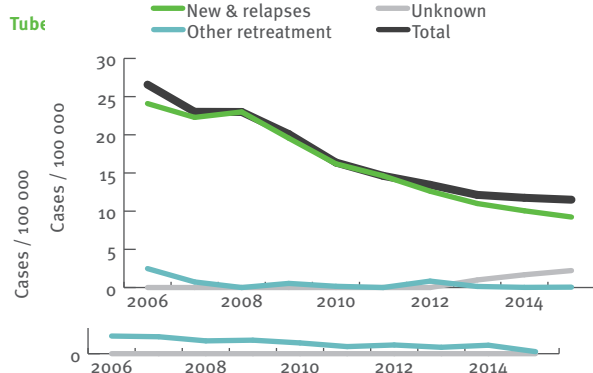
Treatment outcome monitoring

Geographical coverage	National		
Outcome cohort	New culture positive pulmonary TB cases notified in 2014*	All MDR TB cases notified in 2013**	
Case-linked data reporting	Yes		
Cases notified	312	0	
Success	227 (72.8%)	0	0
Died	48 (15.4%)	0	0
Failed	0 (0.0%)	0	0
Lost to follow-up	19 (6.1%)	0	0
Still on treatment	9 (2.9%)	0	0
Not evaluated	9 (2.9%)	0	0

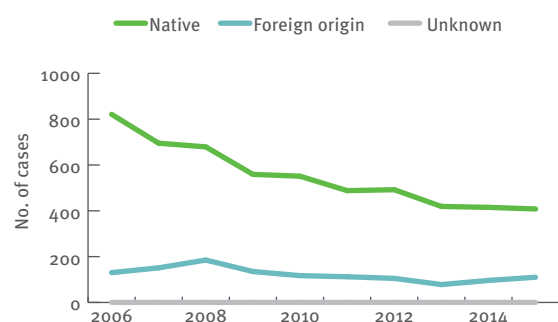
* Cases with unknown previous treatment included in new cases.

* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%.
** More than 50% of TB cases tested for HIV.

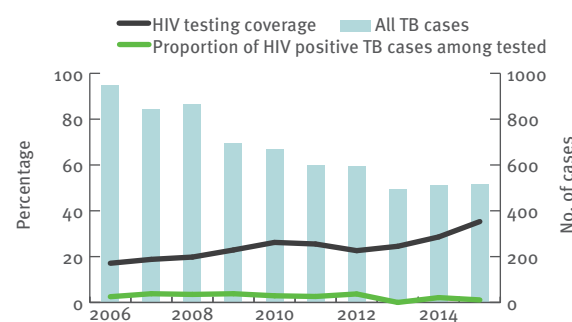
* Treatment outcome as presented is treatment outcome after 12 months.
** Treatment outcome as presented is treatment outcome after 24 months.



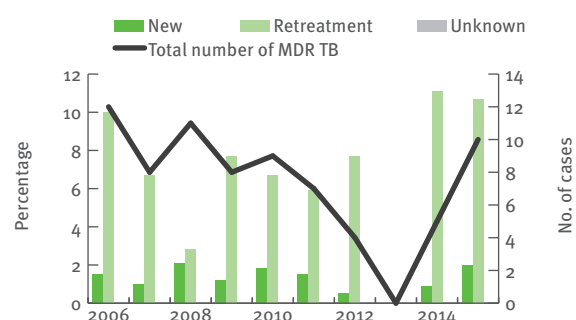
Tuberculosis cases by geographical origin, 2006–2015



TB-HIV co-infection, 2006–2015



MDR TB cases by previous treatment history, 2006–2015



Treatment outcome, new culture-confirmed pulmonary TB cases, 2005–2014

