

Czech Republic

Total population at 1 January 2012 by EUROSTAT: 10 504 831

Tuberculosis case notifications, 2012

Total number of cases	605
Notification rate per 100 000	5.8
New & relapses (laboratory-confirmed) number	565
New & relapses (laboratory-confirmed) notification rate per 100 000	5.4
Pulmonary of which smear-positive	509 (84.1%) 221 (43.4%)
Laboratory-confirmed TB cases	421 (69.6%)
Mean age of new native TB cases	58.4 years
Mean age of new foreign TB cases	39.0 years
Foreign origin of all TB cases	105 (17.4%)
New (not previously treated)	565 (93.4%)

Drug resistance surveillance & TB-HIV co-infection, 2012

Completeness of DRS data*	Yes
Completeness of HIV data**	No
Case-linked data reporting	Yes
Cases with DST results	397 (94.3%)
Cases resistant to isoniazid	18 (4.5%)
Cases resistant to rifampicin	5 (1.3%)
Estimated MDR N, (best-low-high)	10-2-17
MDR cases	4 (1.0%)
of which XDR cases	1 (25.0%)
Cases resistant to ethambutol	5 (1.3%)
Cases resistant to streptomycin	18 (4.5%)
TB cases tested for HIV	136 (22.5%)
HIV-positive TB cases	6 (4.4%)

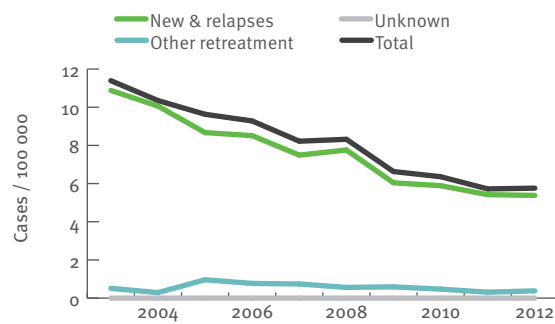
* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%
** More than 50% of TB cases tested for HIV.

Treatment outcome monitoring

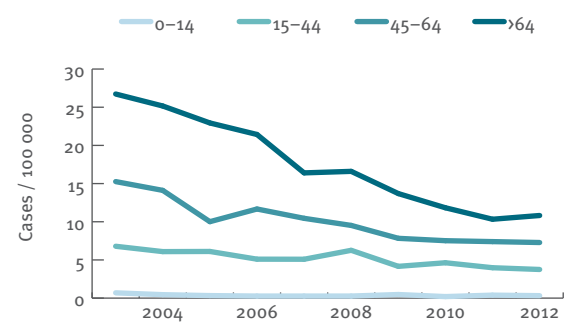
Geographical coverage	National			
Outcome cohort	New laboratory confirmed pulmonary TB cases notified in 2011*		All MDR TB cases notified in 2010**	
Case-linked data reporting	Yes			
Notified in 2010	378		9	
Success	260 (68.8%)		4 (44.4%)	
Died	65 (17.2%)		1 (11.1%)	
Failed	0 (0.0%)		0 (0.0%)	
Defaulted	33 (8.7%)		2 (22.2%)	
Still on treatment	7 (1.9%)		0 (0.0%)	
Lost to follow up	13 (3.4%)		2 (22.2%)	

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

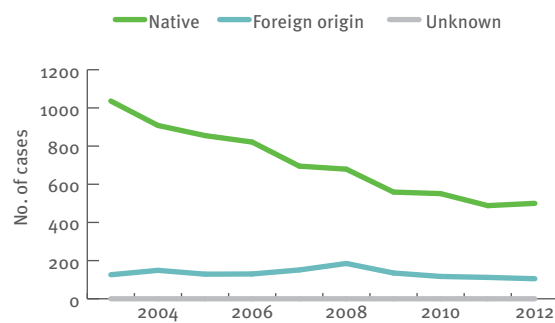
Tuberculosis notification rates by treatment history, 2003–2012



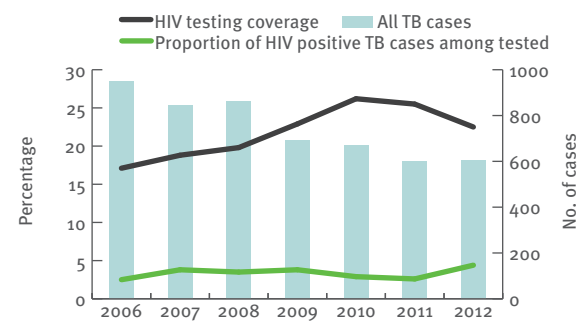
New TB cases - notification rates by age group, 2003–2012



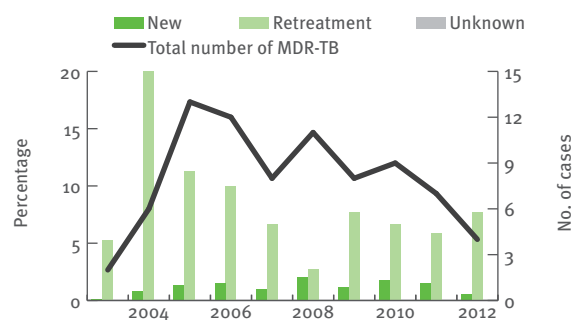
Tuberculosis cases by geographical origin, 2003–2012



TB-HIV co-infection, 2006–2012



MDR-TB cases by previous treatment history, 2003–2012



Treatment outcome, new pulmonary culture-positive cases, 2002–2011

