

Latvia

Total population at 1 January 2012 by EUROSTAT: 2 041 583

Tuberculosis case notifications, 2012

Total number of cases	993
Notification rate per 100 000	48.6
New & relapses (lab+) number	961
New & relapses (lab+) notification rate per 100 000	47.1
Pulmonary of which smear-positive	887 (89.3%) 405 (45.7%)
Laboratory-confirmed TB cases	778 (78.3%)
Mean age of new native TB cases	39.5 years
Mean age of new foreign TB cases	53.0 years
Foreign origin of all TB cases	42 (4.2%)
New (not previously treated)	880 (88.6%)

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

Completeness of DRS data*	Yes
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	766 (98.5%)
Cases resistant to isoniazid	222 (29.0%)
Cases resistant to rifampicin	106 (13.8%)
Estimated MDR N, (best-low-high)	120-100-140
MDR cases	106 (13.8%)
of which XDR cases	17 (16.0%)
Cases resistant to ethambutol	95 (12.4%)
Cases resistant to streptomycin	214 (27.9%)
TB cases tested for HIV	844 (85.0%)
HIV-positive TB cases	114 (13.5%)

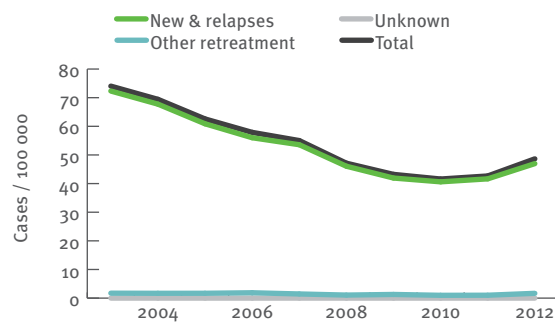
* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%
** More than 50% of TB cases tested for HIV.

Treatment outcome monitoring

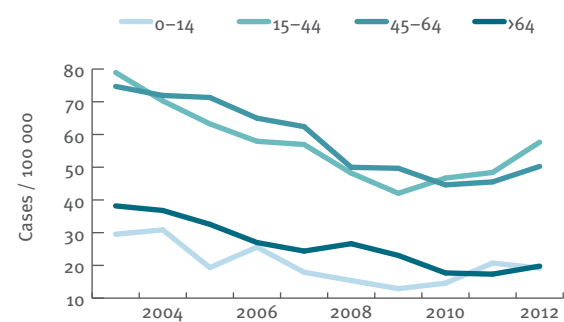
Geographical coverage	National	
	New laboratory confirmed pulmonary TB cases notified in 2011*	All MDR TB cases notified in 2010**
Outcome cohort		
Case-linked data reporting	Yes	
Notified in 2010	559	88
Success	409 (73.2%)	58 (65.9%)
Died	57 (10.2%)	12 (13.6%)
Failed	2 (0.4%)	5 (5.7%)
Defaulted	29 (5.2%)	10 (11.4%)
Still on treatment	59 (10.6%)	3 (3.4%)
Lost to follow up	3 (0.5%)	0 (0.0%)

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

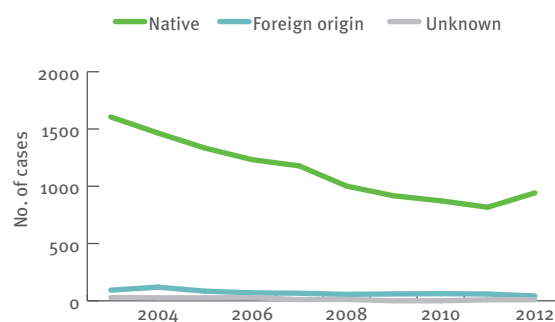
Tuberculosis notification rates by treatment history, 2003–2012



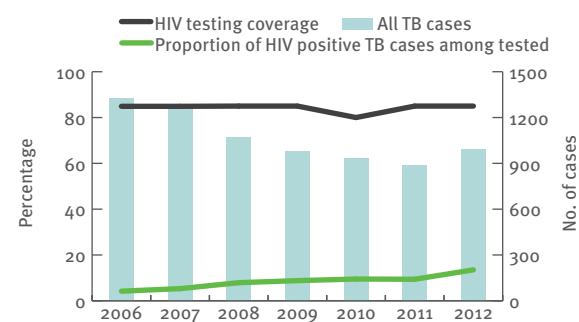
New TB cases - notification rates by age group, 2003–2012



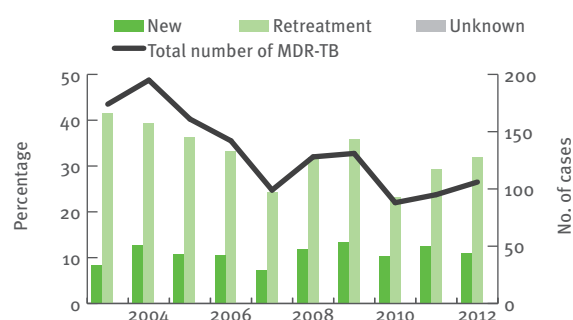
Tuberculosis cases by geographical origin, 2003–2012



TB-HIV co-infection, 2006–2012



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



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

