

# Tuberculosis surveillance and monitoring in Europe 2015

## Bulgaria

Total population at 1 January 2013 by EUROSTAT: 7 284 552

### Tuberculosis case notifications, 2013

Total number of cases	1932
Notification rate per 100 000	26.5
New* & relapses	1930
New* & relapses notification rate per 100 000	26.5
Pulmonary	1425 (73.8%)
of which smear-positive	815 (57.2%)
of which laboratory confirmed	924 (64.8%)
Laboratory-confirmed TB cases	951 (49.2%)
Mean age of new native TB cases	45.2 years
Mean age of new foreign TB cases	36.2 years
Foreign origin of all TB cases	10 (0.5%)
New (not previously treated)	1 680 (87.0%)

\* Cases with unknown previous treatment included as new cases.

### Drug resistance surveillance & TB-HIV co-infection, 2013

Completeness of DRS data*	No
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	734 (77.2%)
Estimated MDR N, (best-low-high)	78-58-99
Pulmonary MDR cases	26 (3.6%)
of which XDR cases	4 (15.4%)
All MDR cases	27 (3.7%)
of which XDR cases	4 (14.8%)
TB cases tested for HIV	1 874 (97.0%)
HIV-positive TB cases	4 (0.2%)
of these on antiretroviral therapy	3 (75.0%)

\* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%

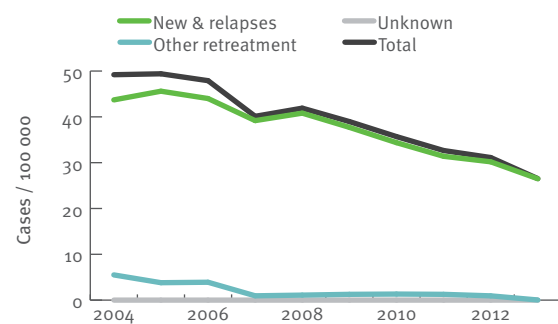
\*\* More than 50% of TB cases tested for HIV.

### Treatment outcome monitoring

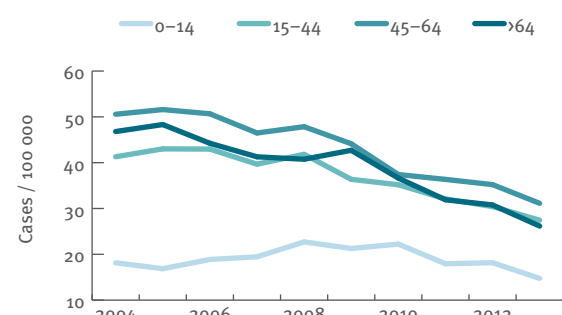
Geographical coverage	National	
Outcome cohort	New culture positive pulmonary TB cases notified in 2012*	All MDR TB cases notified in 2011**
Case-linked data reporting	Yes	
Cases notified	896	55
Success	775 (86.5%)	30 (54.5%)
Died	59 (6.6%)	10 (18.2%)
Failed	7 (0.8%)	1 (1.8%)
Lost to follow up	40 (4.5%)	12 (21.8%)
Still on treatment	12 (1.3%)	2 (3.6%)
Not evaluated	3 (0.3%)	0 (0.0%)

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

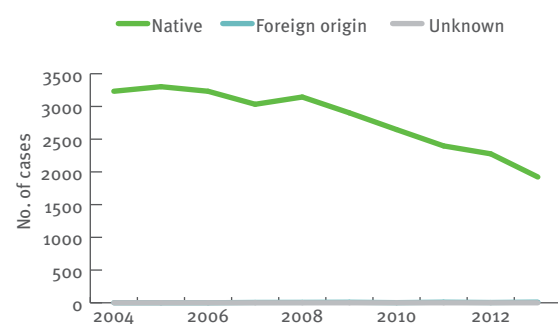
### Tuberculosis notification rates by treatment history, 2004–2013



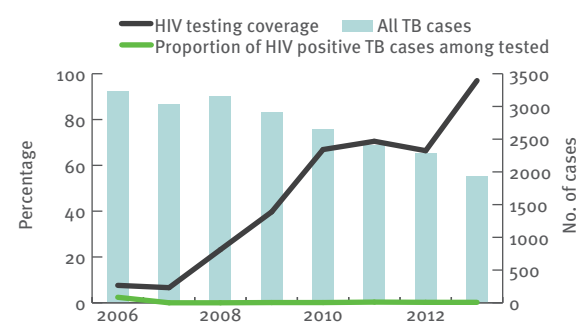
### New TB cases and relapses - notification rates by age group, 2004–2013



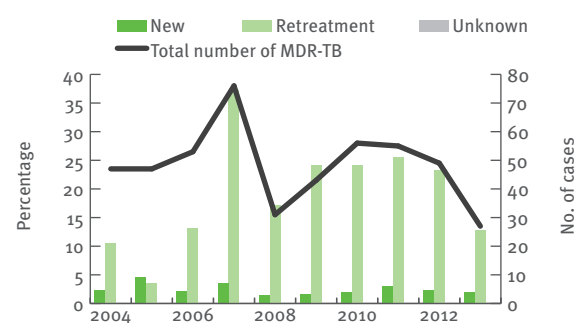
### Tuberculosis cases by geographical origin, 2004–2013



### TB-HIV co-infection, 2006–2013



### MDR TB cases by previous treatment history, 2004–2013



### Treatment outcome, new pulmonary culture-positive cases, 2003–2012

