

# Tuberculosis surveillance and monitoring in Europe 2017

## Portugal

Total population at 10th August 2016 by EUROSTAT: 10 374 822

### Tuberculosis case notifications, 2015

Total number of cases	2124
Notification rate per 100 000	20.5
New* & relapses	2087
New* & relapses notification rate per 100 000	20.1
Pulmonary	1507 (71.0%)
of which microscopy-positive	887 (58.9%)
of which laboratory confirmed	1121 (74.4%)
Laboratory-confirmed TB cases	1324 (62.3%)
Mean age of new native TB cases	51.3 years
Mean age of new foreign TB cases	40.8 years
Foreign origin of all TB cases	338 (15.9%)
New (not previously treated)	1985 (93.5%)

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

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

Completeness of DRS data*	No
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	971 (73.3%)
Estimated MDR N, (best–low–high)	22–12–32
Pulmonary MDR TB cases notified	15 (1.8%)
of which XDR TB cases	3 (30.0%)
Notified MDR TB	17 (1.8%)
of which XDR TB cases	3 (30.0%)
TB cases tested for HIV	1513 (71.2%)
HIV-positive TB cases	219 (14.5%)
of these on antiretroviral therapy	–

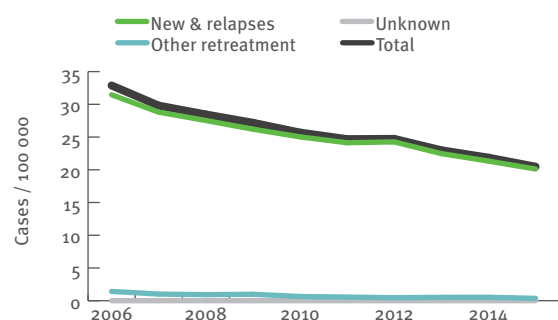
\* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%.  
\*\* More than 50% of TB cases tested for HIV.

### Treatment outcome monitoring

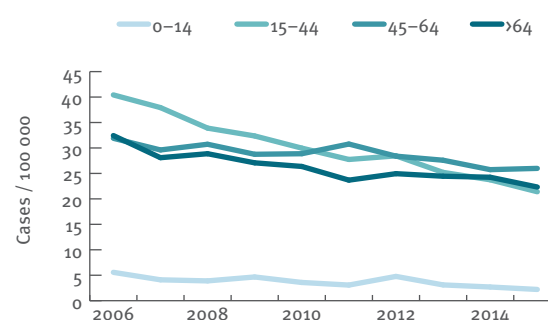
Geographical coverage	National	
Outcome cohort	New culture positive pulmonary TB cases notified in 2014*	All MDR TB cases notified in 2013**
Case-linked data reporting	Yes	
Cases notified	1184	15
Success	896 (75.7%)	8 (53.3%)
Died	98 (8.3%)	0 (0.0%)
Failed	0 (0.0%)	0 (0.0%)
Lost to follow-up	25 (2.1%)	2 (13.3%)
Still on treatment	134 (11.3%)	4 (26.7%)
Not evaluated	31 (2.6%)	1 (6.7%)

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

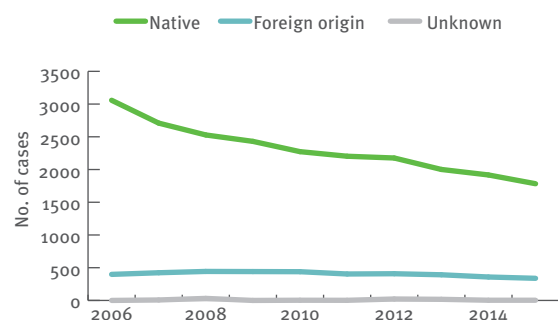
### Tuberculosis notification rates by treatment history, 2006–2015



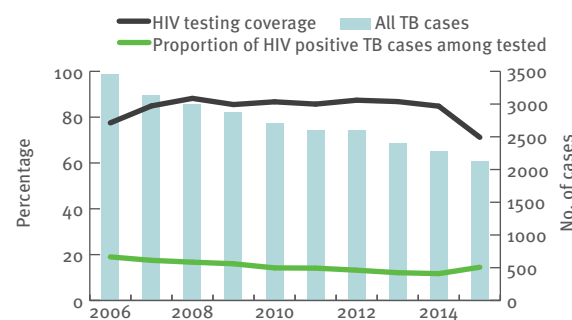
### New and relapsed TB cases – notification rates by age group, 2006–2015



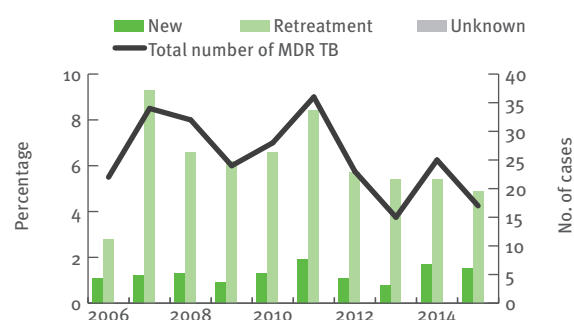
### Tuberculosis cases by geographical origin, 2006–2015



### 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

