

# Tuberculosis surveillance and monitoring in Europe 2017

## Netherlands

Total population at 10th August 2016 by EUROSTAT: 16 900 726

### Tuberculosis case notifications, 2015

Total number of cases	867
Notification rate per 100 000	5.1
New* & relapses	850
New* & relapses notification rate per 100 000	5.0
Pulmonary	491 (56.6%)
of which microscopy-positive	157 (32.0%)
of which laboratory confirmed	393 (80.0%)
Laboratory-confirmed TB cases	578 (66.7%)
Mean age of new native TB cases	47.0 years
Mean age of new foreign TB cases	38.1 years
Foreign origin of all TB cases	625 (72.1%)
New (not previously treated)	829 (95.6%)

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

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

Completeness of DRS data*	Yes
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	577 (99.8%)
Estimated MDR N, (best–low–high)	13–5–20
Pulmonary MDR TB cases notified	9 (2.3%)
of which XDR TB cases	0 (0.0%)
Notified MDR TB	10 (1.7%)
of which XDR TB cases	0 (0.0%)
TB cases tested for HIV	494 (57.0%)
HIV-positive TB cases	36 (7.3%)
of these on antiretroviral therapy	–

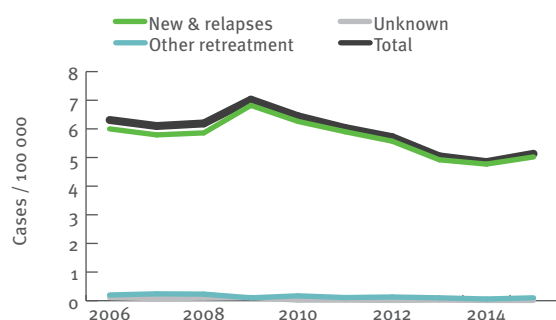
\* National coverage 100% or culturing 90%, C+/All TB cases 50%, DST done for C+ 75%, EQA 95%.  
\*\* More than 50% of TB cases tested for HIV.

### Treatment outcome monitoring

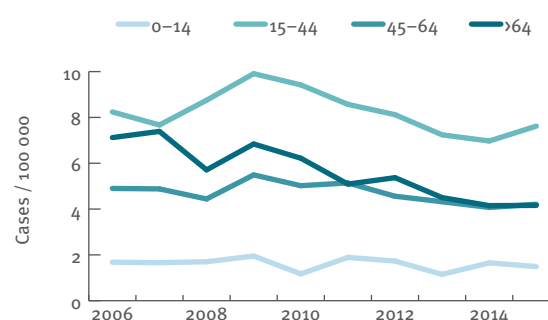
Geographical coverage	National	
Outcome cohort	New culture positive pulmonary TB cases notified in 2014*	All MDR TB cases notified in 2013**
Case-linked data reporting	Yes	
Cases notified	331	16
Success	272 (82.2%)	15 (93.8%)
Died	13 (3.9%)	0 (0.0%)
Failed	0 (0.0%)	0 (0.0%)
Lost to follow-up	5 (1.5%)	0 (0.0%)
Still on treatment	5 (1.5%)	0 (0.0%)
Not evaluated	36 (10.9%)	1 (6.3%)

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

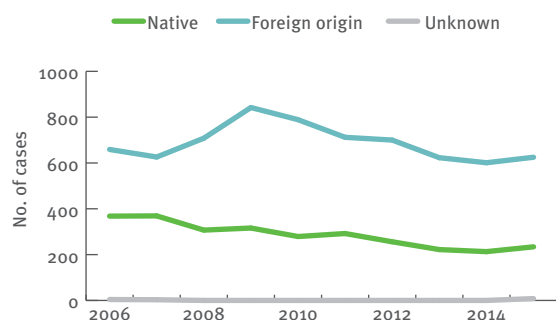
### Tuberculosis notification rates by treatment history, 2006–2015



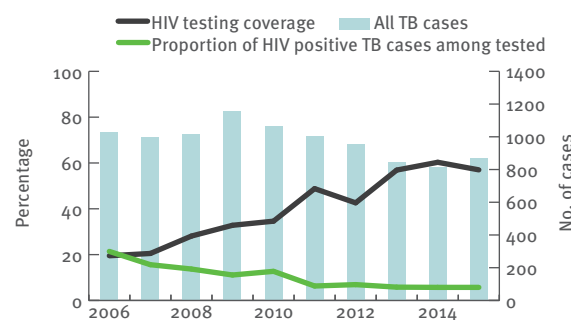
### New and relapsed TB cases – notification rates by age group, 2006–2015



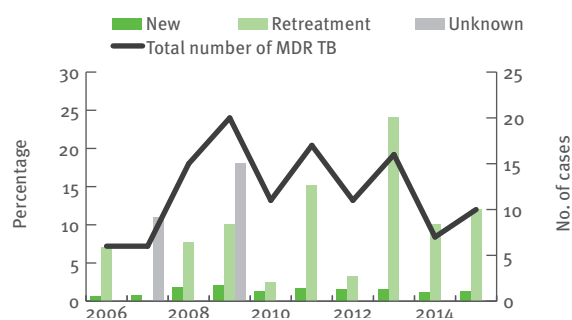
### Tuberculosis cases by geographical origin, 2006–2015



### 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

