

# Tuberculosis surveillance and monitoring in Europe 2015

## Denmark

Total population at 1 January 2013 by EUROSTAT: 5 602 628

### Tuberculosis case notifications, 2013

Total number of cases	356
Notification rate per 100 000	6.4
New* & relapses	330
New* & relapses notification rate per 100 000	5.9
Pulmonary	226 (63.5%)
of which smear-positive	123 (54.4%)
of which laboratory confirmed	219 (96.9%)
Laboratory-confirmed TB cases	278 (78.1%)
Mean age of new native TB cases	42.7 years
Mean age of new foreign TB cases	38.6 years
Foreign origin of all TB cases	215 (60.4%)
New (not previously treated)	330 (92.7%)

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

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

Completeness of DRS data*	Yes
Completeness of HIV data**	No
Case-linked data reporting	Yes
Cases with DST results	275 (98.9%)
Estimated MDR N, (best-low-high)	0-0-0
Pulmonary MDR cases	2 (0.9%)
of which XDR cases	1 (50.0%)
All MDR cases	2 (0.7%)
of which XDR cases	1 (50.0%)
TB cases tested for HIV	8 (2.2%)
HIV-positive TB cases	8 -
of these on antiretroviral therapy	- -

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

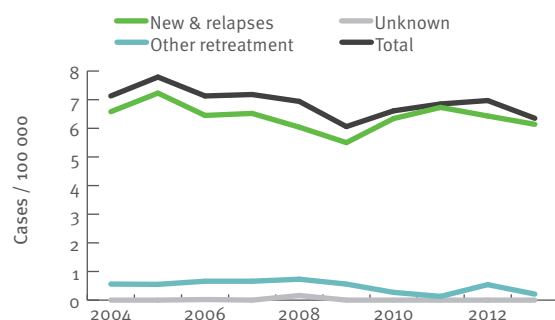
\*\* More than 50% of TB cases tested for HIV.

### Treatment outcome monitoring

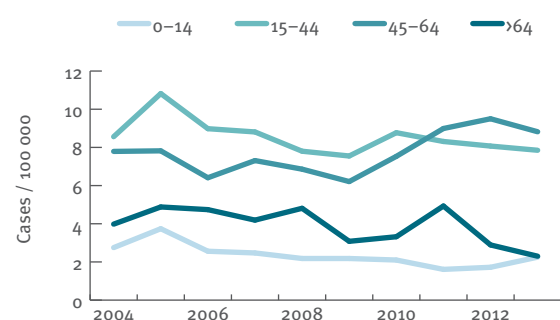
Geographical coverage	National		
Outcome cohort	New culture positive pulmonary TB cases notified in 2012*	All MDR TB cases notified in 2011**	
Case-linked data reporting	Yes		
Cases notified	207	3	
Success	127 (61.4%)	0 (0.0%)	0 (0.0%)
Died	11 (5.3%)	0 (0.0%)	0 (0.0%)
Failed	8 (3.9%)	1 (33.3%)	0 (0.0%)
Lost to follow up	0 (0.0%)	0 (0.0%)	0 (0.0%)
Still on treatment	7 (3.4%)	0 (0.0%)	0 (0.0%)
Not evaluated	54 (26.1%)	2 (66.7%)	0 (0.0%)

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

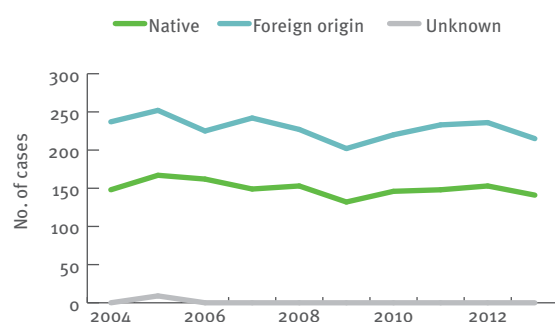
### Tuberculosis notification rates by treatment history, 2004–2013



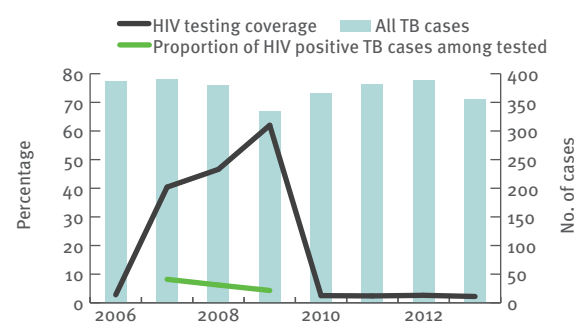
### New TB cases and relapses - notification rates by age group, 2004–2013



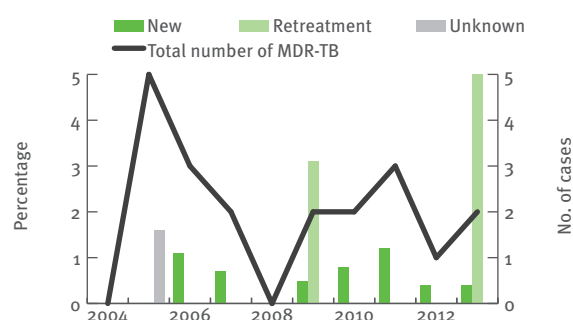
### Tuberculosis cases by geographical origin, 2004–2013



### TB-HIV co-infection, 2006–2013



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



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

