# **Tuberculosis surveillance and** monitoring in Europe 2015



lation at 1 January 2013 by EUROSTAT: 865 771

#### Tuberculosis case notifications, 2013

Total number of cases		41	
Notification rate per 100 000	4	4.7	
New* & relapses		41	
New* & relapses notification rate per 100 000	4	4.7	
Pulmonary	29	(70.7%)	
of which smear-positive	17	(58.6%)	
of which laboratory confirmed	25	(86.2%)	
Laboratory-confirmed TB cases	30	(73.2%)	
Mean age of new native TB cases	43.7	years	
Mean age of new foreign TB cases	40.2	years	
Foreign origin of all TB cases	35	(85.4%)	
New (not previously treated)	38	(92.7%)	

<sup>\*</sup> 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**		
Case-linked data reporting	Yes	
Cases with DST results	30	(100.0%)
Estimated MDR N, (best-low-high)	0	-0-0
Pulmonary MDR cases	1	(4.0%)
of which XDR cases	1	(100.0%)
All MDR cases	1	(3.3%)
of which XDR cases	1	(100.0%)
TB cases tested for HIV	-	-
HIV-positive TB cases	-	-
of these on antiretroviral therapy	-	-

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

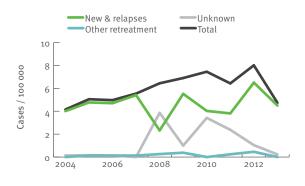
\*\* More than 50% of TB cases tested for HIV.

#### Treatment outcome monitoring

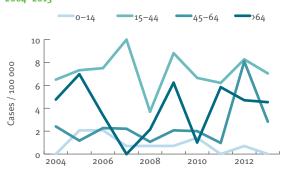
Geographical coverage	Na	tional		
Outcome cohort	New culture positive pulmonary TB cases notified in 2012*		All MDR TB cases notified in 2011**	
Case-linked data reporting	Yes			
Cases notified	36			
Success	18	(50.0%)	-	-
Died	1	(2.8%)		-
Failed	0	(0.0%)	-	-
Lost to follow up	3	(8.3%)	-	
Still on treatment	4	(11.1%)	-	-
Not evaluated	10	(27.8%)	-	

<sup>\*</sup> Treatment outcome as presented is treatment outcome after 12 months.

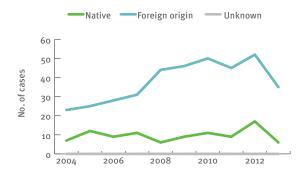
#### Tuberculosis notification rates by treatment history, 2004-2013



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



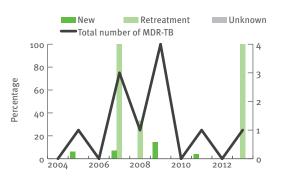
#### Tuberculosis cases by geographical origin, 2004-2013



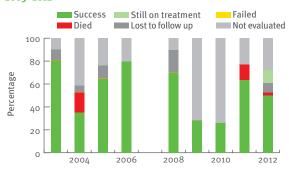
### TB-HIV co-infection, 2006-2013

Data not available

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



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



Source: European Centre for Disease Prevention and Control/WHO Regional Office for Europe. Tuberculosis surveillance and monitoring in Europe 2015. Stockholm: ECDC; 2015 © European Centre for Disease Prevention and Control, 2015

<sup>\*\*</sup> Treatment outcome as presented is treatment outcome after 24 months.