

# Tuberculosis surveillance and monitoring in Europe 2018.



## 2016 data Sweden

Total population at 22 September 2017 by EUROSTAT: 9747 355

### Tuberculosis case notifications, 2016

Total number of cases	726
Notification rate per 100 000	7.4
New* & relapses	702
New* & relapses notification rate per 100 000	7.2
Pulmonary	482 (66.4%)
of which microscopy-positive	123 (25.5%)
of which laboratory confirmed	419 (86.9%)
Laboratory-confirmed TB cases	597 (82.2%)
Mean age of new native TB cases	49.5 years
Mean age of new foreign TB cases	30.3 years
Foreign origin of all TB cases	652 (89.8%)
New (not previously treated)	697 (96.0%)

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

### Drug resistance surveillance & TB-HIV co-infection, 2016

Completeness of DRS data*	Yes
Completeness of HIV data**	Yes
Case-linked data reporting	Yes
Cases with DST results	595 (99.7%)
Estimated RR-TB among notified pulmonary cases N, (best-low-high)	23-13-32
Pulmonary MDR TB cases notified	14 (3.3%)
of which XDR TB cases	4 (28.6%)
Notified MDR TB	22 (3.7%)
of which XDR TB cases	4 (18.2%)
TB cases tested for HIV	-
HIV-positive TB cases	-
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 with reported HIV status.

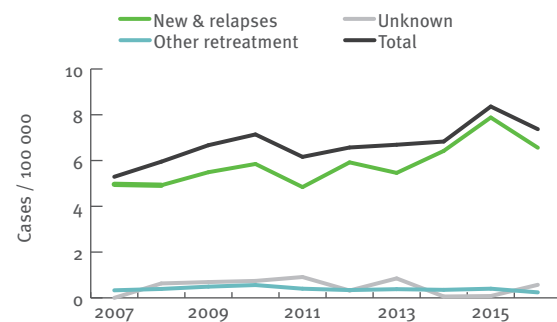
### Treatment outcome monitoring

Geographical coverage	National			
Outcome cohort	New culture positive pulmonary TB cases notified in 2015*		All MDR TB cases notified in 2014**	
Case-linked data reporting	Yes			
Cases notified	428		15	
Success	345	(80.6%)	13	(86.7%)
Died	15	(3.5%)	1	(6.7%)
Failed	0	(0.0%)	0	(0.0%)
Lost to follow-up	6	(1.4%)	0	(0.0%)
Still on treatment	24	(5.6%)	0	(0.0%)
Not evaluated	38	(8.9%)	1	(6.7%)

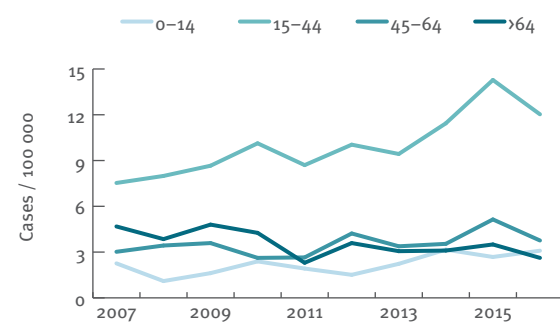
\* Treatment outcome as presented is treatment outcome after 12 months.

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

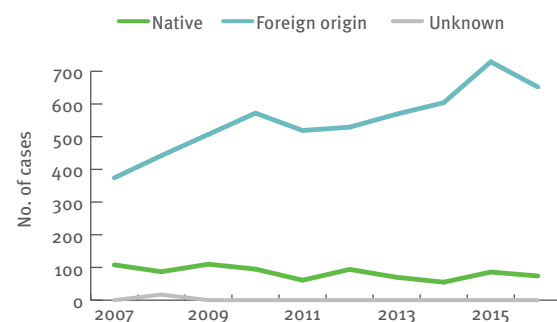
### Tuberculosis notification rates by treatment history, 2007–2016



### New and relapsed TB cases – notification rates by age group, 2007–2016



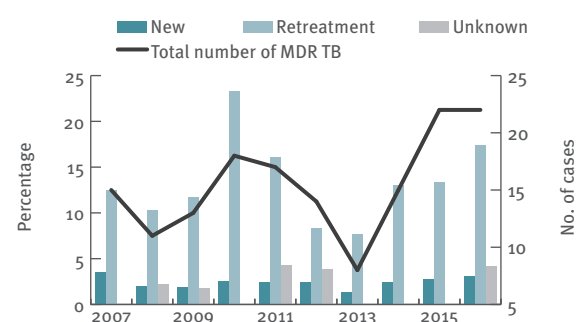
### Tuberculosis cases by geographical origin, 2007–2016



### TB-HIV co-infection, 2007–2016

Data not available

### MDR TB cases by previous treatment history, 2007–2016



### Treatment outcome, new culture-confirmed pulmonary TB cases, 2006–2015

